



**ATLANTA FOREST MANAGEMENT UNIT**  
**COMPARTMENT REVIEW PRESENTATION**  
**COMPARTMENT 122 ENTRY YEAR: 2014**

**Compartment Acreage: 1752      County: Presque Isle**

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**Revision Date:** October 23, 2012

**Stand Examiner:** Barber

**Legal Description:** T33N, R2E, Sec. 28, 29, 30, 31, 32 & 33

**Management Area:** Cheboygan Lake Plain

**Management Goals:** Timber production and water quality protection.

**Soil and Topography:** This compartment consists primarily of gently rolling sands supporting PVCd to PARVHa habitat types. This is subdivided by a network of cold water streams and associated wetlands. The streams feed into Canada Creek.

**Ownership Patterns, Development, and Land Use in and Around the Compartment:** Lands to the west, north and east are mostly other state land, plus a scattering of hunting properties. There is a forty acre subdivision within the compartment. To the south is Canada Creek Ranch.

**Unique, Natural Features (include only non-site specific and non-sensitive information):** One or more occurrences have been reported for this compartment. This may result in seasonal restrictions for several timber treatments.

**Archeological, Historical, and Cultural Features (include only non-site specific and non-sensitive information):** One or more occurrences have been reported for this compartment.

**Special Management Designations or Considerations:** None.

**Watershed and Fisheries Considerations:** No special considerations exist for this compartment.

**Wildlife Habitat Considerations:** Compartment 122 is a diverse compartment consisting of oak, aspen, jack pine, swamp conifers, openings, and red pine. Bear Den Lake, Canada Creek, and Oxbow Creek are also found in this compartment. There is potential for wood turtle due to the creeks traversing the area. Featured species found in this compartment include American woodcock, white-tailed deer, wild turkey, black bear, and elk. Several openings in the compartment are planned to be managed in food and cover crops to benefit deer, turkey, and to hold elk away from nearby farms and other adjacent private lands.

**Mineral Resource and Development Concerns and/or Restrictions:** Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium and minor coarse-textured glacial till. The glacial drift thickness varies between 100 and 200 feet. Beneath the glacial drift are the Devonian Antrim Shale and Traverse Group, which are quarried for limestone and cement products. The nearest gravel pit is located one mile to the north. There may be some gravel potential on the upland areas. This area has had limited drilling for Guelph (Niagaran) Reefs, with production occurring to the north. Additional drilling is possible. The compartment is completely leased

**Vehicle Access:** Roads to be closed are shown on the compartment map as closed or abandoned.

**Survey Needs:** Surveying may be required for timber sale preparation.

**Recreational Facilities and Opportunities:** There is one MCCCT, running down Bear Den Lake Road.

**Fire Protection:** Access and water sources are good. Much of the jack pine is fairly young.

**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**

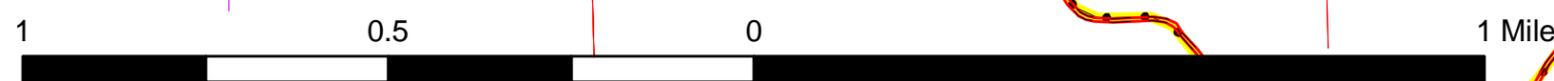
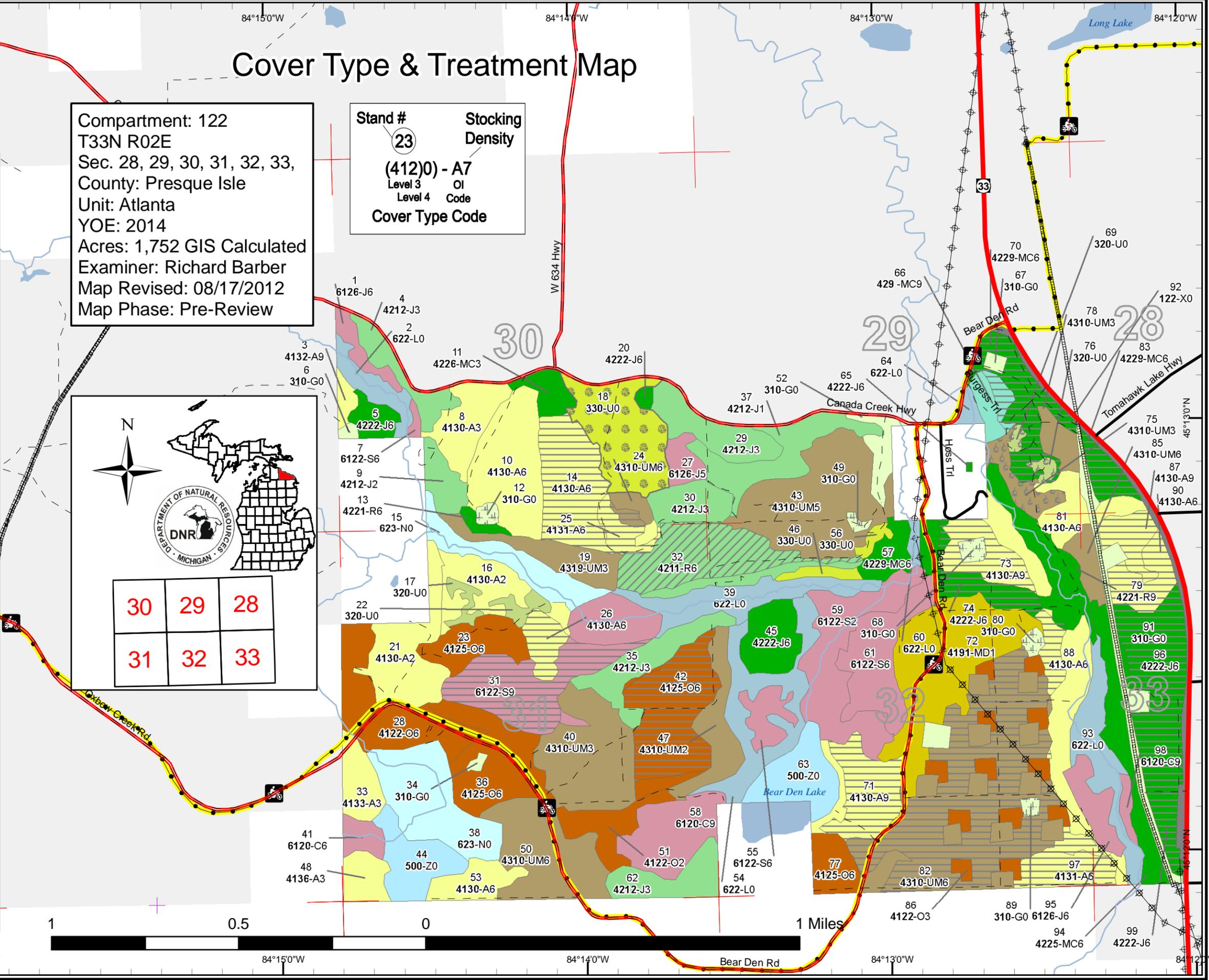
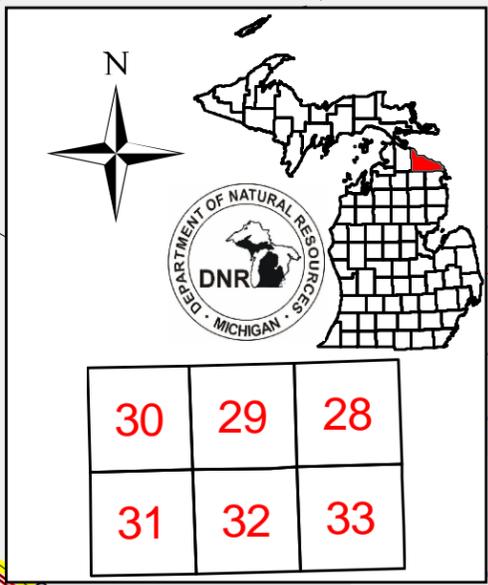
- ◆ **Compartment Volume Summary**
  - ◆ **Proposed Treatments – No Limiting Factors**
  - ◆ **Proposed Treatments – With Limiting Factors**
- **The following information is displayed, where pertinent, on the attached compartment maps:**
- ◆ **Base feature information, stand numbers, cover types**
  - ◆ **Proposed treatments**
  - ◆ **Proposed road access system**
  - ◆ **Suggested potential old growth**

# Cover Type & Treatment Map

Compartment: 122  
 T33N R02E  
 Sec. 28, 29, 30, 31, 32, 33,  
 County: Presque Isle  
 Unit: Atlanta  
 YOE: 2014  
 Acres: 1,752 GIS Calculated  
 Examiner: Richard Barber  
 Map Revised: 08/17/2012  
 Map Phase: Pre-Review

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

- Legend**
- Miris Corners
  - + Remonumented Section Corners
  - Highway
  - County Paved Roads
  - Paved Roads
  - County Gravel Roads
  - Gravel Roads
  - Poor Dirt Roads
  - County Poor Dirt Roads
  - 🏍 Motorcycle Trails (SOS License)
  - MCCCT Trail
  - Pipeline
  - Powerline
  - Stream
  - Lakes and Rivers
- Treatments**
- ▨ Clearcut (w/Reserves, Patch/Strip)
  - ▨ Thinning (Crown, Low, Systematic)
  - ▨ Prescribed Burn
  - ▨ Other Treatment - See Comments
- Forest Stands**
- Level 3
- 412 - Oak Types
  - 413 - Aspen Types
  - 419 - Mixed Upland Deciduous
  - 421 - Planted Pines
  - 422 - Natural Pines
  - 429 - Mixed Upland Conifers
  - 431 - Upland Mixed Forest
  - 612 - Lowland Coniferous Forest
- Non-Forest Stands**
- Level 3
- 122 - Road/Parking Lot
  - 310 - Herbaceous Openland
  - 320 - Upland Shrub
  - 330 - Low-Density Trees
  - 500 - Water
  - 622 - Lowland Shrub
  - 623 - Emergent Wetland



# Stand Boundary Map

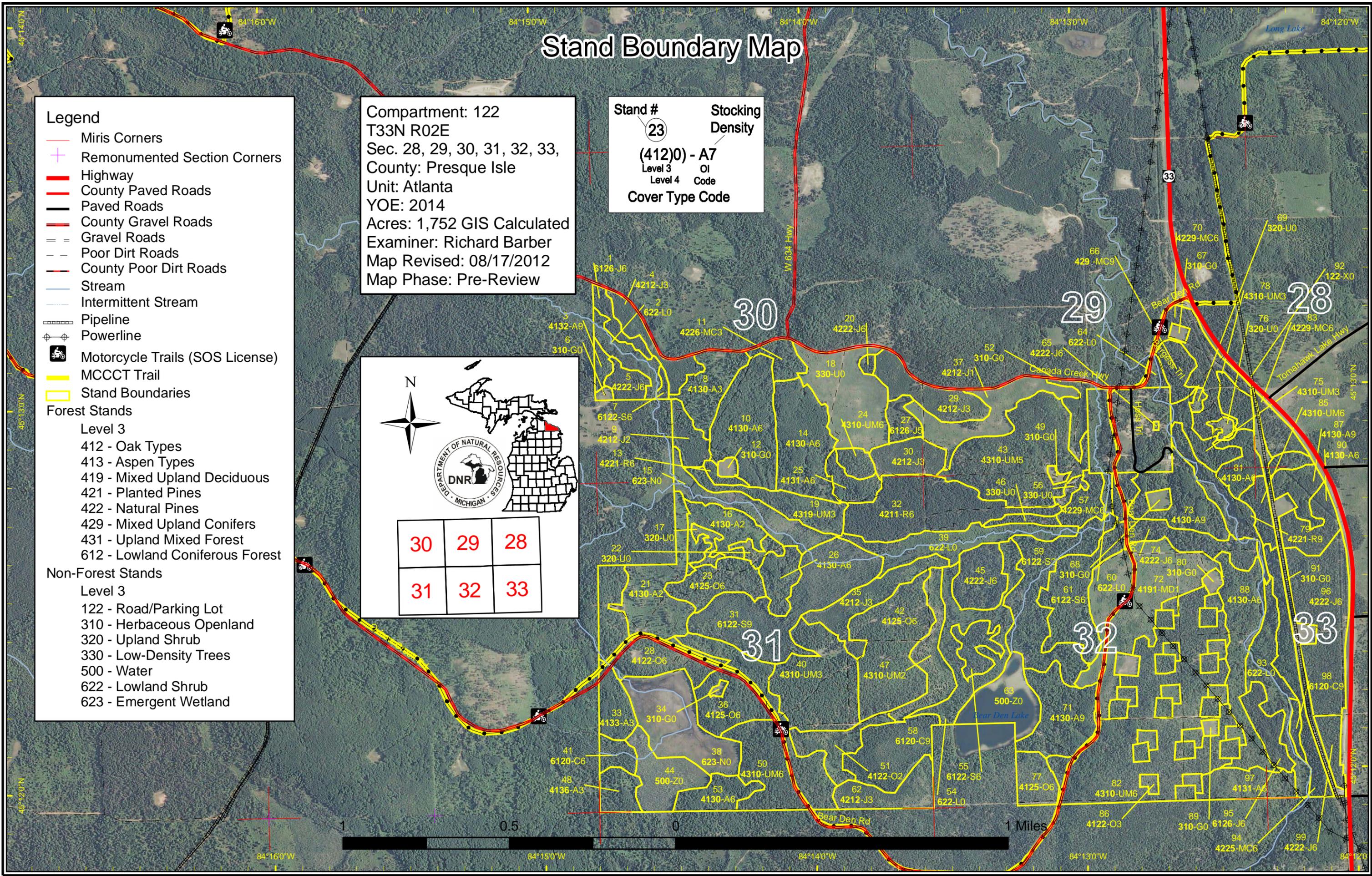
## Legend

- Miris Corners
  - + Remonumented Section Corners
  - Highway
  - County Paved Roads
  - Paved Roads
  - County Gravel Roads
  - Gravel Roads
  - Poor Dirt Roads
  - County Poor Dirt Roads
  - Stream
  - Intermittent Stream
  - Pipeline
  - Powerline
  - Motorcycle Trails (SOS License)
  - MCCCT Trail
  - Stand Boundaries
- Forest Stands**
- Level 3
- 412 - Oak Types
  - 413 - Aspen Types
  - 419 - Mixed Upland Deciduous
  - 421 - Planted Pines
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Stand # **23**  
 (4120) - A7  
 Level 3 OI  
 Level 4 Code  
 Cover Type Code

30	29	28
31	32	33





**Table 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	48	18	73	0	4	0	0	180	11	0	0	0	0	0	334
Cedar	0	0	0	0	0	0	0	0	26	9	0	0	0	0	36
Herbaceous Openland	43	0	0	0	0	0	0	0	0	0	0	0	0	0	43
Jack Pine	24	82	9	0	7	6	0	112	0	0	0	0	0	0	240
Low-Density Trees	43	0	0	0	0	0	0	0	0	0	0	0	0	0	43
Lowland Shrub	95	0	0	0	0	0	0	0	0	0	0	0	0	0	95
Lowland Spruce/Fir	0	0	70	0	0	0	2	0	65	0	0	0	0	0	136
Marsh	58	0	0	0	0	0	0	0	0	0	0	0	0	0	58
Mixed Upland Deciduous	59	0	0	0	0	0	0	0	0	0	0	0	0	0	59
Natural Mixed Pines	0	0	8	0	0	0	0	30	31	0	0	0	0	0	69
Oak	19	15	0	0	0	0	0	94	45	0	0	0	0	0	173
Red Pine	0	0	3	0	0	45	0	16	0	0	0	0	0	0	63
Upland Conifers	0	0	0	0	0	0	0	9	0	0	0	0	0	0	9
Upland Mixed Forest	0	40	67	10	8	0	0	101	98	0	0	0	0	0	323
Upland Shrub	11	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Urban	18	0	0	0	0	0	0	0	0	0	0	0	0	0	18
Water	41	0	0	0	0	0	0	0	0	0	0	0	0	0	41
<b>Total</b>	<b>461</b>	<b>154</b>	<b>230</b>	<b>10</b>	<b>18</b>	<b>51</b>	<b>2</b>	<b>542</b>	<b>276</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1752</b>



## Table 2 – Proposed Treatment Summaries

**Atlanta Mgt. Unit**  
**Year of Entry 2014**

**Compartment 122**  
**Total Compartment Acres: 1752**

### Acres by Treatment Type

Commercial Harvest - 406	Site Prep - 0	Tree Planting - 0	Prescribed Burn - 13	Other - 0
Habitat Cut - 38	Opening Maintenance - 9	Tree Seeding - 0	Pesticide - 0	

### Cover Type by Harvest Method

		Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
<b>Aspen</b>	139	0	0	0	0	0	0	139
<b>Jack Pine</b>	62	0	0	0	0	0	0	62
<b>Lowland Spruce/Fir</b>	38	0	0	0	0	0	0	38
<b>Natural Mixed Pines</b>	31	0	0	0	0	0	0	31
<b>Oak</b>	41	0	0	0	0	0	0	41
<b>Red Pine</b>	0	0	0	0	37	0	0	37
<b>Upland Conifers</b>	4	0	0	0	0	0	0	4
<b>Upland Mixed Forest</b>	95	0	0	0	0	0	0	95
<b>Total</b>	<b>410</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>37</b>	<b>0</b>	<b>0</b>	<b>447</b>



Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
14	54122014-CCR	34.0	4130 - Aspen	High Density Pole	79	81-110	Harvest	Clearcut with Reserves	4133 - Aspen, Mixed Pine	Cmpt. Review Proposal
<u>Prescription</u> Do not cut red pine, white pine or oak, if present. <u>Specs:</u> Retain 3 to 10 percent of stand area in one or more patches. Location(s) will be determined during sale prep and will be representative of the stand's species mix as a whole. Protect advanced regeneration. <u>Other Comments:</u> <u>Next Steps:</u> Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand. <u>Proposed Start Date:</u> 10/01/2013										
24	54122024-CCR	1.8	4310 - Pine, Oak Mix	High Density Pole	72	51-80	Harvest	Clearcut with Reserves	4125 - Black, N. Pin Oak	Cmpt. Review Proposal
<u>Prescription</u> Do not cut red pine, or white pine if present. <u>Specs:</u> Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand. Retain 3 to 10 percent of stand area in one or more patches. Location(s) will be determined during sale prep and will be representative of the stand's species mix as a whole. Protect advanced white pine regeneration. <u>Other Comments:</u> Retention will consist of those portions of the stand which are factor limited. <u>Next Steps:</u> <u>Proposed Start Date:</u> 10/01/2013										
25	54122025-CCR	7.1	4131 - Aspen, Oak	High Density Pole	72	51-80	Harvest	Clearcut with Reserves	4131 - Aspen, Oak	Cmpt. Review Proposal
<u>Prescription</u> Do not cut red pine, or white pine if present. <u>Specs:</u> Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand. Retain 3 to 10 percent of stand area in one or more patches. Location(s) will be determined during sale prep and will be representative of the stand's species mix as a whole. Protect advanced white and red pine regeneration. <u>Other Comments:</u> <u>Next Steps:</u> <u>Proposed Start Date:</u> 10/01/2013										
26	54122026-CCR	9.3	4130 - Aspen	High Density Pole	73	1-50	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal
<u>Prescription</u> Do not cut red pine, or white pine if present. <u>Specs:</u> Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand. Retain 3 to 10 percent of stand area in one or more patches. Location(s) will be determined during sale prep and will be representative of the stand's species mix as a whole. Protect advanced white pine regeneration. <u>Other Comments:</u> <u>Next Steps:</u> Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand. <u>Proposed Start Date:</u> 10/01/2013										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
31	54122031- CCR	37.8	6122 - Black Spruce	High Density Log	82		Harvest	Clearcut with Reserves	6122 - Black Spruce	Cmpt. Review Proposal
<u>Prescription</u> Retain 3 to 10 percent of stand area in one or more patches. Location(s) will be determined during sale prep and will be representative of the stand's species mix as a whole, but may be in the stream buffer along the north part of the stand. <u>Specs:</u> Will accept rutting exceeding 12" in depth and 50' in length. Allow 3 year initial sale duration. <u>Other</u> Include rabbitat specs. <u>Comments:</u> <u>Next</u> Acceptable regeneration is any combination, jack pine, spruce, white-cedar, balsam fir, lowland hardwoods or white pine resulting in a medium or well stocked stand. <u>Steps:</u> <u>Proposed</u> <u>Start Date:</u> 10/01/2013										
32	54122032-3rd	36.6	42110 - Planted Red Pine	High Density Pole	52	171-200	Harvest	Systematic Thinning	42110 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription</u> Remove every third row. Shortwood. <u>Specs:</u> <u>Other</u> <u>Comments:</u> <u>Next</u> <u>Steps:</u> <u>Proposed</u> <u>Start Date:</u> 10/01/2013										
42	54122042- CCR	41.1	4125 - Black, N. Pin Oak	High Density Pole	85	51-80	Harvest	Clearcut with Reserves	4125 - Black, N. Pin Oak	Cmpt. Review Proposal
<u>Prescription</u> Do not cut red pine, or white pine if present. <u>Specs:</u> Retain 3 to 10 percent of stand area in one or more patches. Location(s) will be determined during sale prep and will be representative of the stand's species mix as a whole. Protect advanced oak regeneration. <u>Other</u> <u>Comments:</u> <u>Next</u> Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand. <u>Steps:</u> <u>Proposed</u> <u>Start Date:</u> 10/01/2013										
66	54122066- CCR Scots	3.6	429 - Mixed Upland Conifers	High Density Log	70	51-80	Harvest	Clearcut with Reserves	Unspecified	Cmpt. Review Proposal
<u>Prescription</u> Clearcut part of stand to remove scots pine. Within 100 m of Canada Creek, remove as much timber as needed to facilitate scots pine eradication efforts. <u>Specs:</u> <u>Other</u> Actual treatment acreage may exceed estimates by more than 25%. <u>Comments:</u> <u>Next</u> Burn and/or herbicide to eradicate scots pine. Eventual goal is to re-establish stand in native species only. Plant understocked areas with jack pine. <u>Steps:</u> <u>Proposed</u> <u>Start Date:</u> 10/01/2013										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
70	54122070- CCScots	22.9	42290 - Natural Mixed Pine	High Density Pole	89	51-80	Harvest	Clearcut	42290 - Natural Mixed Pine	Cmpt. Review Proposal
<p><u>Prescription:</u> Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand. May be necessary to plant to jack pine after scotch pine is eradicated.</p> <p><u>Specs:</u> May retain 3 to 10 percent of stand by either area or BA, except that no scotch pine will be retained.</p> <p><u>Other Comments:</u> Along Canada Creek Hwy, scots pine is growing right to the edge of Canada Creek proper.</p> <p><u>Next Steps:</u> Use any combination of fire, chemical or mechanical means to eradicate scotch pine. Then plant to jack pine.</p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										
71	54122071- CCR	23.4	4130 - Aspen	High Density Log	73	81-110	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal
<p><u>Prescription:</u> Do not cut red pine, or white pine if present.</p> <p><u>Specs:</u> Retain 3 to 10 percent of stand area in one or more patches. Location(s) will be determined during sale prep and will be representative of the stand's species mix as a whole. Protect oak and white pine regeneration.</p> <p><u>Other Comments:</u></p> <p><u>Next Steps:</u> Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand.</p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										
73	54122073- CCR	16.5	4130 - Aspen	High Density Log	73	81-110	Harvest	Clearcut with Reserves	42201 - Natural White Pine, Mixed Deciduous	Cmpt. Review Proposal
<p><u>Prescription:</u> Do not cut red pine, or white pine if present.</p> <p><u>Specs:</u> Retain 3 to 10 percent of stand area in one or more patches. Location(s) will be determined during sale prep and will be representative of the stand's species mix as a whole. Protect white pine regeneration. No limb-on skidding.</p> <p><u>Other Comments:</u></p> <p><u>Next Steps:</u> Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand.</p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										
74	54122074- CCR	11.3	42220 - Natural Jack Pine	High Density Pole	73		Harvest	Clearcut with Reserves	42260 - Natural Pine, Mixed Deciduous	Cmpt. Review Proposal
<p><u>Prescription:</u> Do not cut red pine, or white pine if present.</p> <p><u>Specs:</u> Retain 3 to 10 percent of stand area in one or more patches. Location(s) will be determined during sale prep and will be representative of the stand's species mix as a whole. Protect white pine regeneration. No limb-on skidding.</p> <p><u>Other Comments:</u></p> <p><u>Next Steps:</u> Plant jack pine if natural regeneration fails. Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand.</p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
82	54122082- CCR	93.4	4310 - Pine, Oak Mix	High Density Pole	84	51-80	Harvest	Clearcut with Reserves	4310 - Pine, Oak Mix	Cmpt. Review Proposal
<u>Prescription:</u> Do not cut red pine, or white pine if present. <u>Specs:</u> Retain 3 to 10 percent of stand area in one or more patches. Location(s) will be determined during sale prep and will be representative of the stand's species mix as a whole. Protect and white pine white pine regeneration. No limb-on skidding. <u>Other Comments:</u> <u>Next Steps:</u> Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand. <u>Proposed Start Date:</u> 10/01/2013										
83	54122083- CCScots	8.4	42290 - Natural Mixed Pine	High Density Pole	89		Harvest	Clearcut with Reserves	42250 - Pine, Oak	Cmpt. Review Proposal
<u>Prescription:</u> Burn, herbicide and/or scarify as needed to eradicate scots pine. May retain 3 to 10 percent of stand by either area or BA, except that no scotch pine will be retained. <u>Other Comments:</u> <u>Next Steps:</u> Plant to jack pine after scotch pine is eradicated. Acceptable regeneration is a medium to well stocked stand of jack pine, predominately un-suppressed by deciduous regeneration, and free of scots pine. <u>Proposed Start Date:</u> 10/01/2013										
87	54122087- CCR	10.6	4130 - Aspen	High Density Log	80	111-140	Harvest	Clearcut with Reserves	4139 - Aspen, Mixed Deciduous	Cmpt. Review Proposal
<u>Prescription:</u> Do not cut red pine, or white pine if present. <u>Specs:</u> Retain 3 to 10 percent of stand area in one or more patches. Location(s) will be determined during sale prep and will be representative of the stand's species mix as a whole. Protect oak and white pine regeneration. <u>Other Comments:</u> <u>Next Steps:</u> Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand. <u>Proposed Start Date:</u> 10/01/2013										
88	54122088- CCR	10.5	4130 - Aspen	High Density Pole	73	111-140	Harvest	Clearcut with Reserves	4139 - Aspen, Mixed Deciduous	Cmpt. Review Proposal
<u>Prescription:</u> Do not cut red pine, or white pine if present. <u>Specs:</u> Retain 3 to 10 percent of stand area in one or more patches. Location(s) will be determined during sale prep and will be representative of the stand's species mix as a whole. <u>Other Comments:</u> <u>Next Steps:</u> Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand. <u>Proposed Start Date:</u> 10/01/2013										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
90	54122090- CCR	13.6	4130 - Aspen	High Density Pole	73		Harvest	Clearcut with Reserves	4139 - Aspen, Mixed Deciduous	Cmpt. Review Proposal
<u>Prescription:</u> Do not cut red pine, or white pine if present.										
<u>Specs:</u> Retain 3 to 10 percent of stand area in one or more patches. Location(s) will be determined during sale prep and will be representative of the stand's species mix as a whole.										
<u>Other Comments:</u>										
<u>Next Steps:</u> Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand.										
<u>Proposed Start Date:</u> 10/01/2013										
96	54122096- CCR	43.9	42220 - Natural Jack Pine	High Density Pole	73		Harvest	Clearcut with Reserves	4122 - Oak, Pine	Cmpt. Review Proposal
<u>Prescription:</u> Do not cut red pine, or white pine if present.										
<u>Specs:</u> Retain 3 to 10 percent of stand area in one or more patches. Location(s) will be determined during sale prep and will be representative of the stand's species mix as a whole. Protect oak and pine regeneration. No limb-on skidding.										
<u>Other Comments:</u> North end of site may incur aspen from stand to north.										
<u>Next Steps:</u> Site prep (fire/chemical/mechanical) plant jack pine wherever natural regeneration is insufficient. Acceptable regeneration is any combination of aspen, jack pine, oak, red pine, or white pine resulting in a medium or well stocked stand.										
<u>Proposed Start Date:</u> 10/01/2013										
97	54122097- CCR	14.4	4131 - Aspen, Oak	High Density Pole	73	51-80	Harvest	Clearcut with Reserves	4131 - Aspen, Oak	Cmpt. Review Proposal
<u>Prescription:</u> Do not cut red pine, or white pine if present.										
<u>Specs:</u> Retain 3 to 10 percent of stand area in one or more patches. Location(s) will be determined during sale prep and will be representative of the stand's species mix as a whole.										
<u>Other Comments:</u>										
<u>Next Steps:</u> Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand.										
<u>Proposed Start Date:</u> 10/01/2013										
99	54122099- CCR	7.1	42220 - Natural Jack Pine	High Density Pole	73		Harvest	Clearcut with Reserves	42120 - Planted Jack Pine	Cmpt. Review Proposal
<u>Prescription:</u> Do not cut red pine, or white pine if present.										
<u>Specs:</u> Retain 3 to 10 percent of stand area in one or more patches. Location(s) will be determined during sale prep and will be representative of the stand's species mix as a whole.										
<u>Other Comments:</u>										
<u>Next Steps:</u> Site prep (fire/chemical/mechanical) plant jack pine. Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand.										
<u>Proposed Start Date:</u> 10/01/2013										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
75	54122075- Burn	9.8	4310 - Pine, Oak Mix	High Density Sapling	37		Prescribed Burn	Unspecified	4122 - Oak, Pine	Cmpt. Review Proposal
<u>Prescription</u> Burn with nearby stands to destroy scots pine and scots pine seeds. May need to roller chop prior to burning.										
<u>Specs:</u>										
<u>Other</u> <u>Comments:</u> Long term goal is to eradicate scots pine and restore site to appropriate native trees, which may include aspen, oak, jack pine, red pine, or white pine.										
<u>Next</u> <u>Steps:</u> Evaluate success. If needed, repeat burning and/or treat with chemicals or mechanical means.										
<u>Proposed</u> <u>Start Date:</u> 10/01/2013										
69	NF_54122069- Burn	1.5	320 - Upland Shrub				Prescribed Burn	Unspecified	3205 - Mixed Upland Shrub	Cmpt. Review Proposal
<u>Prescription</u> Burn with adjacent forested stand to maintain as opening and remove brush										
<u>Specs:</u>										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> <u>Steps:</u> Monitor and re-burn as needed										
<u>Proposed</u> <u>Start Date:</u> Unspecified										
76	NF_54122076- Burn	2.0	320 - Upland Shrub				Prescribed Burn	Unspecified	3205 - Mixed Upland Shrub	Cmpt. Review Proposal
<u>Prescription</u> Burn with adjacent forested stand to maintain as opening and remove brush										
<u>Specs:</u>										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> <u>Steps:</u> Monitor and reburn as needed										
<u>Proposed</u> <u>Start Date:</u> Unspecified										
12	NF_54122012- NonFor	2.0	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through mowing and/or planting to food and cover crops for wildlife										
<u>Specs:</u>										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> <u>Steps:</u> Monitor for cover type and perform opening maintenance on 5-10 year or shorter rotation										
<u>Proposed</u> <u>Start Date:</u> Unspecified										
49	NF_54122049- NonFor	1.3	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through mowing and/or planting to food and cover crops for wildlife										
<u>Specs:</u>										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> <u>Steps:</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation										
<u>Proposed</u> <u>Start Date:</u> Unspecified										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
68	NF_54122068- NonFor	2.5	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through mowing 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										
80	NF_54122080- NonFor	2.1	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through burning, mowing and/or planting to food and cover crops for wildlife										
<u>Specs:</u>										
<u>Other</u> Bluestem and lichen										
<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										
89	NF_54122089- NonFor	1.4	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through mowing and/or planting to food and cover crops for wildlife										
<u>Specs:</u>										
<u>Other</u> knapweed										
<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:</b>		<b>469.7</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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Prescription  
Specs:

Other  
Comment:

Next  
Steps:

Proposed  
Start Date: #Error

Limiting Factor and No  
Treatment Reason

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**Total Treatment**  
**Acres Proposed: 0**

**Out of YOE -- Treatments  
Prescribed with No Limiting Factor**

Year of Entry: 2014



Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
<b>54002031-N-CCR Burn/Scarify</b>	2.9	42220 - Natural Jack Pine	High Density Pole	69		Harvest	Clearcut with Reserves	42121 - Planted Jack Pine, Mixed Deciduous	Cmpt. Review Proposal - Incomplete

Prescription Do not cut red pine, white pine, oak. Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand. Retain 3 to 10 percent of stand area in one or more patches. Location(s) will be determined during sale prep and will be representative of the stand's species mix as a whole.

Other Comments:

Next Steps: Post harvest: if this treatment falls inside of a BSA, then burn or scarify before planting jack pine. When planting, attempt to avoid the use of trenching. If the treatment is not inside a BSA, plant jack pine.

Proposed Start Date: 10/01/2010

<b>54002031-N-CCR Burn/Scarify</b>	2.9	42220 - Natural Jack Pine	High Density Pole	69		Harvest	Clearcut with Reserves	42121 - Planted Jack Pine, Mixed Deciduous	Cmpt. Review Proposal - Incomplete
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Prescription Do not cut red pine, white pine, oak. Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand. Retain 3 to 10 percent of stand area in one or more patches. Location(s) will be determined during sale prep and will be representative of the stand's species mix as a whole.

Other Comments:

Next Steps: Post harvest: if this treatment falls inside of a BSA, then burn or scarify before planting jack pine. When planting, attempt to avoid the use of trenching. If the treatment is not inside a BSA, plant jack pine.

Proposed Start Date: 10/01/2010

**Total Treatment  
Acreage Proposed: 5.8**

S t a n d	Atlanta Mgt. Unit		5 – Forested Stands			Compartment: 122	General Comments:
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Year of Entry: 2014	
1	6126 - Lowland Jack Pine	High Density Pole	6.1	53			
3	4132 - Aspen, Jack Pine	High Density Log	3.5	45	51-80		
4	42120 - Planted Jack Pine	High Density Sapling	12.2	16			
5	42220 - Natural Jack Pine	High Density Pole	7.0	45			
7	6122 - Black Spruce	High Density Pole	1.6	61			
8	4130 - Aspen	High Density Sapling	18.5	6	1-50		
9	42120 - Planted Jack Pine	Medium Density	9.5	22			
10	4130 - Aspen	High Density Pole	37.4	27	1-50		
11	42260 - Natural Pine, Mixed Deciduous	High Density Sapling	7.7	27	1-50		red pine and white pine sawtimber along road.
13	42210 - Natural Red Pine	High Density Pole	2.7	27	1-50		
14	4130 - Aspen	High Density Pole	34.0	79	81-110		
16	4130 - Aspen	Medium Density	17.7	16			
19	4319 - Mixed Upland Forest	High Density Sapling	17.4	27			
20	42220 - Natural Jack Pine	High Density Pole	1.5	73			
21	4130 - Aspen	Medium Density	29.9	6	1-50		scattered residual oak sawtimber.
23	4125 - Black, N. Pin Oak	High Density Pole	17.4	73	51-80		
24	4310 - Pine, Oak Mix	High Density Pole	5.3	72	51-80		New stand added.
25	4131 - Aspen, Oak	High Density Pole	8.5	72	51-80		



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## Atlanta Mgt. Unit

## 5 – Forested Stands

Compartment: 122  
Year of Entry: 2014

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
26	4130 - Aspen	High Density Pole	11.4	73	1-50	New stand added.
27	6126 - Lowland Jack Pine	Medium Density Pole	6.8	73		bog with open water at center.
28	4122 - Oak, Pine	High Density Pole	33.2	73	51-80	
29	42121 - Planted Jack Pine, Mixed Deciduous	High Density Sapling	19.4	16		Seeded with Sigma seeder
30	42120 - Planted Jack Pine	High Density Sapling	13.4	16		seeded with Sigma seeder, 1996
31	6122 - Black Spruce	High Density Log	55.4	82		
32	42110 - Planted Red Pine	High Density Pole	44.7	52	171-200	
33	4133 - Aspen, Mixed Pine	High Density Sapling	12.2	27	1-50	
35	42120 - Planted Jack Pine	High Density Sapling	19.9	16		
36	4125 - Black, N. Pin Oak	High Density Pole	32.5	73	81-110	
37	42120 - Planted Jack Pine	Low Density Sapling	24.4	7		
40	4310 - Pine, Oak Mix	High Density Sapling	42.1	27	1-50	New stand added.
41	6120 - Lowland Cedar	High Density Pole	6.3	96		free flowing stream present.
42	4125 - Black, N. Pin Oak	High Density Pole	44.9	85	51-80	New stand added.
43	4310 - Pine, Oak Mix	Medium Density Pole	56.8	73	1-50	orv issues east edge. Very diverse stand for compartment. Could stand another ten years diameter growth..
45	42220 - Natural Jack Pine	High Density Pole	16.8	75		
47	4310 - Pine, Oak Mix	Medium Density	18.5	15		
48	4136 - Aspen, Mixed Conifer	High Density Sapling	9.3	27		

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## Atlanta Mgt. Unit

## 5 – Forested Stands

Compartment: 122  
Year of Entry: 2014

Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
4310 - Pine, Oak Mix	High Density Pole	38.6	73	51-80	
4122 - Oak, Pine	Medium Density	14.7	16		
4130 - Aspen	High Density Pole	12.1	73	81-110	
6122 - Black Spruce	High Density Pole	9.5	85		Mostly a wet stand where one walks on the tree roots and can see water between them. East fingers have a couple acres of upland.
42290 - Natural Mixed Pine	High Density Pole	9.1	73	51-80	
6120 - Lowland Cedar	High Density Log	26.5	82		
6122 - Black Spruce	Medium Density	40.5	26		
6122 - Black Spruce	High Density Pole	29.6	26		
42120 - Planted Jack Pine	High Density Sapling	16.7	16		
42220 - Natural Jack Pine	High Density Pole	0.3	73		Tax reverted in 1939.
429 - Mixed Upland Conifers	High Density Log	9.0	70	51-80	
42290 - Natural Mixed Pine	High Density Pole	22.9	89	51-80	
4130 - Aspen	High Density Log	27.6	73	81-110	
4191 - Mixed Upland Deciduous with Conifer	Low Density Sapling	59.1	7		
4130 - Aspen	High Density Log	24.4	73	81-110	
42220 - Natural Jack Pine	High Density Pole	22.8	73		
4310 - Pine, Oak Mix	High Density Sapling	9.8	37		
4125 - Black, N. Pin Oak	High Density Pole	11.2	73	51-80	

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## Atlanta Mgt. Unit

## 5 – Forested Stands

Compartment: 122  
Year of Entry: 2014

Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
4310 - Pine, Oak Mix	High Density Sapling	7.4	25		
42210 - Natural Red Pine	High Density Log	16.1	70	111-140	beaver activity
4130 - Aspen	High Density Pole	14.5	26	1-50	
4310 - Pine, Oak Mix	High Density Pole	97.7	84	51-80	
42290 - Natural Mixed Pine	High Density Pole	8.4	89		
4310 - Pine, Oak Mix	High Density Sapling	21.3	17		
4310 - Pine, Oak Mix	High Density Pole	7.6	41	1-50	
4122 - Oak, Pine	High Density Sapling	19.0	8		
4130 - Aspen	High Density Log	10.6	80	111-140	
4130 - Aspen	High Density Pole	32.9	73	111-140	
4130 - Aspen	High Density Pole	13.6	73		
42250 - Pine, Oak	High Density Pole	20.5	73		
6126 - Lowland Jack Pine	High Density Pole	11.3	73		
42220 - Natural Jack Pine	High Density Pole	45.0	73		
4131 - Aspen, Oak	High Density Pole	15.8	73	51-80	
6120 - Lowland Cedar	High Density Log	3.1	94		
42220 - Natural Jack Pine	High Density Pole	7.1	73		



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
2	622 - Lowland Shrub	10.4	N/A	Unspecified	
6	3102 - Grass	1.2	N/A	Unspecified	
12	3102 - Grass	2.0	N/A	Unspecified	
15	623 - Emergent Wetland	20.4	N/A	Unspecified	
17	320 - Upland Shrub	3.5	N/A	Unspecified	
18	3302 - Low Density Conifer Trees	36.9	Planted	Jack Pine	Stand swapped from Forested to Non-Forested. 2'-4' jp seedlings variable stocking
22	320 - Upland Shrub	4.3	N/A	Unspecified	
34	3102 - Grass	1.0	N/A	Unspecified	
38	623 - Emergent Wetland	37.9	N/A	Unspecified	
39	622 - Lowland Shrub	25.2	N/A	Unspecified	
44	50 - Water	19.9	N/A	Unspecified	
46	3302 - Low Density Conifer Trees	3.7	N/A	Unspecified	
49	3102 - Grass	1.3	N/A	Unspecified	
52	3102 - Grass	8.3	N/A	Unspecified	
54	622 - Lowland Shrub	31.8	N/A	Unspecified	
56	3302 - Low Density Conifer Trees	2.5	N/A	Unspecified	
60	622 - Lowland Shrub	2.2	N/A	Unspecified	
63	50 - Water	21.6	N/A	Unspecified	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
64	622 - Lowland Shrub	2.8	N/A	Unspecified	
67	3102 - Grass	1.5	N/A	Unspecified	
68	3102 - Grass	2.5	N/A	Unspecified	
69	320 - Upland Shrub	1.5	N/A	Unspecified	
76	320 - Upland Shrub	2.0	N/A	Unspecified	
80	3102 - Grass	2.1	N/A	Unspecified	
89	3102 - Grass	1.4	N/A	Unspecified	
91	3102 - Grass	18.8	N/A	Unspecified	
92	122 - Road/Parking Lot	17.6	N/A	Unspecified	
93	622 - Lowland Shrub	22.6	N/A	Unspecified	
100	3102 - Grass	2.9			



**7 – 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.

Stand	SCA Type	SCA Name	Acres	Comments



## 8 – 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	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.
SCA	Concentrated Recreation Area	Facilities that are designed and maintained for routine or heavy recreational use, including State Parks, State Forest campgrounds, motorized and non-motorized trails, trailheads, staging areas and public access sites.
HCVA	Designated Critical Habitat	Critical habitat areas are established via a consultative and cooperative process between the DNR and the U.S. Fish and Wildlife service for the recovery of threatened and endangered species, as governed by Part 365, Endangered Species Protection, of the Natural Resources and Environmental Protection Act, 1994 PA 451, and the Federal Endangered Species Act of 1973. This is an active program, with proposed species plans in various stages of review. As of now only two exist, Kirtland Warbler Habitat and Piping Plover Habitat.