



ATLANTA FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION
COMPARTMENT 34 ENTRY YEAR: 2014

Compartment Acreage: 1679 County: Montmorency

Revision Date: October 23, 2012

Stand Examiner: Jeff Autenrieth

Legal Description: T31N, R1E, Sec. 20, 29, & 32.

RMU (if applicable):

Management Goals: Northern hardwood management throughout compartment, some aspen from past cuttings.

Soil and Topography: Steep morainic hills to flat outwash areas. Emmet loamy sands and sandy loams in the hills with Kalkaska loamy sands in the higher drainage ways and Rifle peat along drainages.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Private ownership with full-time residents in section 29. Sixteen Antrim wells have been developed on state lands.

Unique, Natural Features (include only non-site specific and non-sensitive information): Some occurrences may exist.

Archeological, Historical, and Cultural Features (include only non-site specific and non-sensitive information): The old BCG&A Railroad grade runs through section 29.

Special Management Designations or Considerations: Elk and Northern Hardwoods co-existence.

Watershed and Fisheries Considerations: The headwaters of the East Branch of the Black river in section 29.

Wildlife Habitat Considerations: Compartment 34 has a large northern hardwood component in the southern half, which continues into adjacent compartments and should be managed as one forested system. Openings in the northern half of the compartment will be managed with food and cover crops to benefit elk, deer, and turkey. Native grasses within openings should be maintained with fire. Featured wildlife in this compartment include elk, black bear, white-tailed deer, ruffed grouse, pileated woodpecker, and wild turkey. Rare species with potential to exist in the compartment include Red-shouldered hawk. Large trees adjacent to swamp should be maintained to encourage nesting of this species.

Mineral Resource and Development Concerns and/or Restrictions: Sections 20, 29 and 32, T31N-R1E, Montmorency County. Surface sediments consist of an end moraine of medium-textured till, glacial outwash sand and gravel and postglacial alluvium and coarse-textured glacial till. Glacial drift thickness varies between 400 and 1,000 feet. There is over 340 feet of local relief within the compartment. Beneath the

glacial drift is the Mississippian Coldwater and Sunbury Shales and the Devonian Berea Sandstone and Bedford Shale. There is no known economic use for these formations. The nearest gravel pit is less than one mile to the west. Gravel potential is considered good on the uplands. This area has been drilled and is producing gas from the Antrim Shale.

Vehicle Access: Antrim gas activity has opened up the compartment to increased vehicular activity. Roads to be closed as shown on compartment map.

Survey Needs: No surveys are needed at this time.

Recreational Facilities and Opportunities: Designated elk viewing area in NW of section 20. Morel mushroom hunting is very popular in the northern hardwood stands. Deer hunting and grouse hunting.

Fire Protection: Adequate.

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**

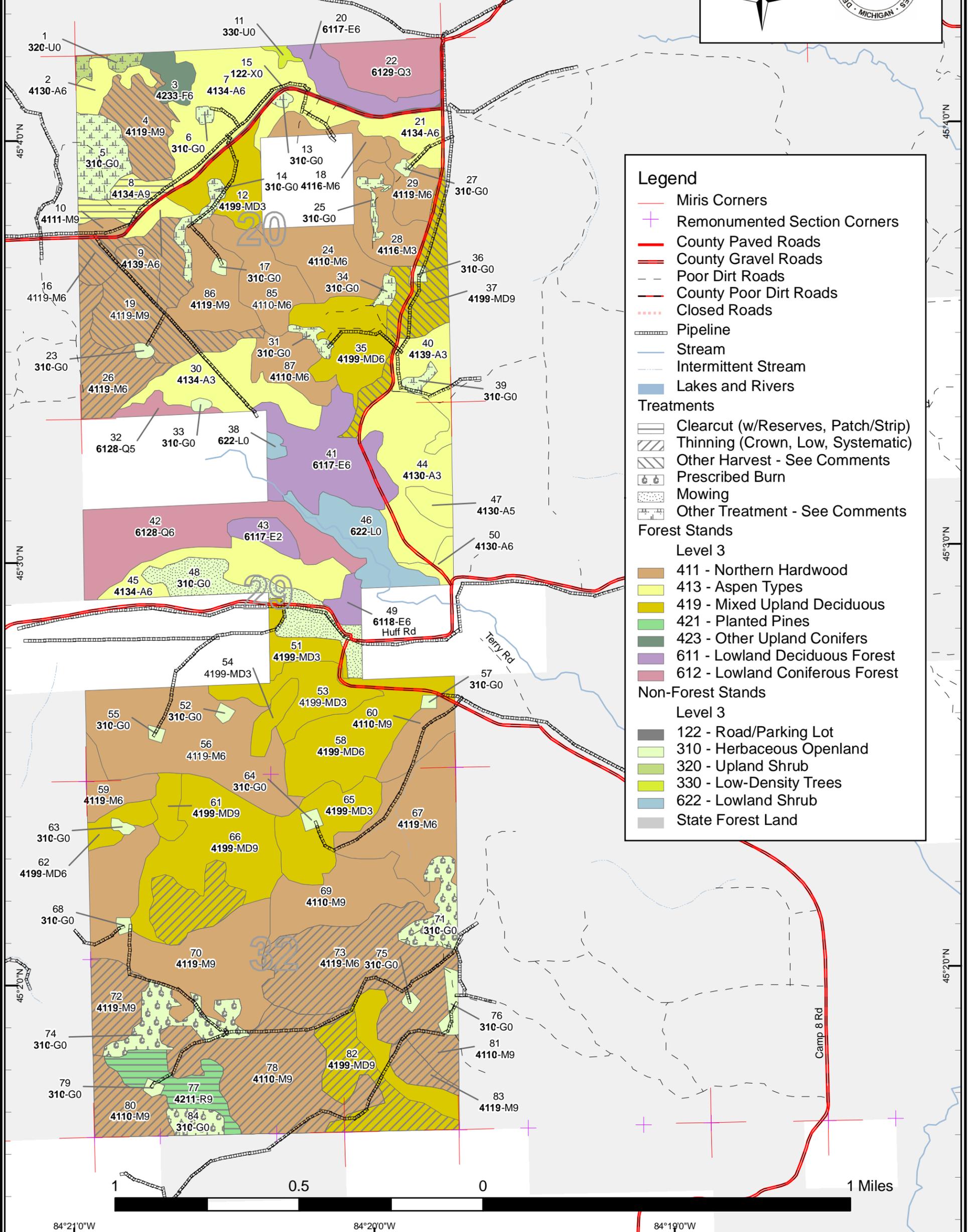
- **The following information is displayed, where pertinent, on the attached compartment maps:**
 - ◆ **Base feature information, stand numbers, cover types**
 - ◆ **Proposed treatments**
 - ◆ **Proposed road access system**
 - ◆ **Suggested potential old growth**

Compartment: 34
 T31N R01E Sec. 20, 29, 32
 County: Montmorency
 Unit: Atlanta
 YOE: 2014
 Acres: 1,659 GIS Calculated
 Examiner: Jeff Autenrieth
 Map Revised: 08/27/2012
 Map Phase: Pre-Review

Cover Type & Treatment Map

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

20
 29
 32



Legend

- Miris Corners
- + Remonumented Section Corners
- County Paved Roads
- County Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- ... Closed Roads
- Pipeline
- Stream
- Intermittent Stream
- █ Lakes and Rivers
- Treatments**
- Clearcut (w/Reserves, Patch/Strip)
- Thinning (Crown, Low, Systematic)
- Other Harvest - See Comments
- Prescribed Burn
- Mowing
- Other Treatment - See Comments
- Forest Stands**
- Level 3**
- 411 - Northern Hardwood
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 423 - Other Upland Conifers
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- Non-Forest Stands**
- Level 3**
- 122 - Road/Parking Lot
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low-Density Trees
- 622 - Lowland Shrub
- State Forest Land

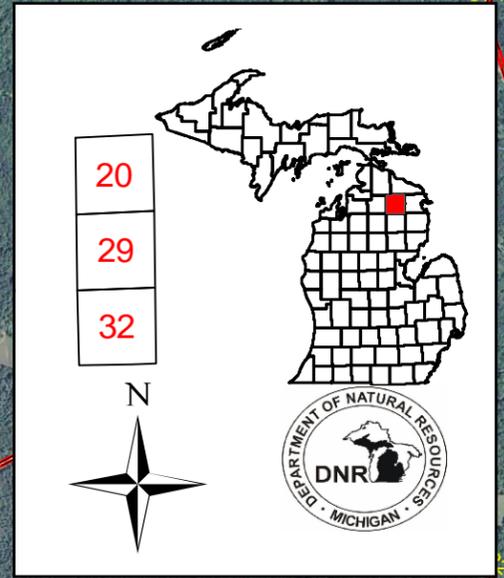


84°21'0"W 84°20'0"W 84°19'0"W

Compartment: 34
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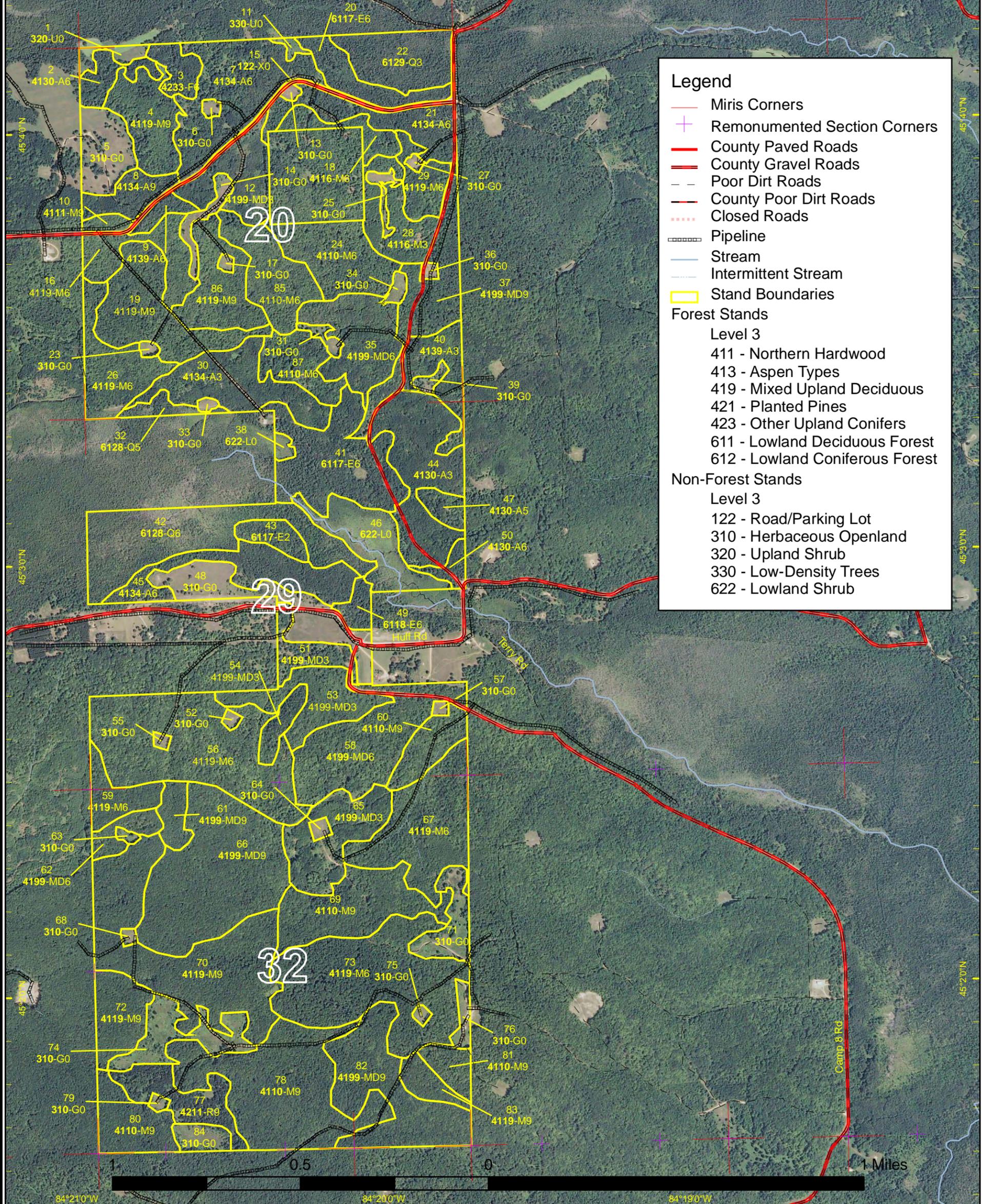
Stand Boundary Map

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



Legend

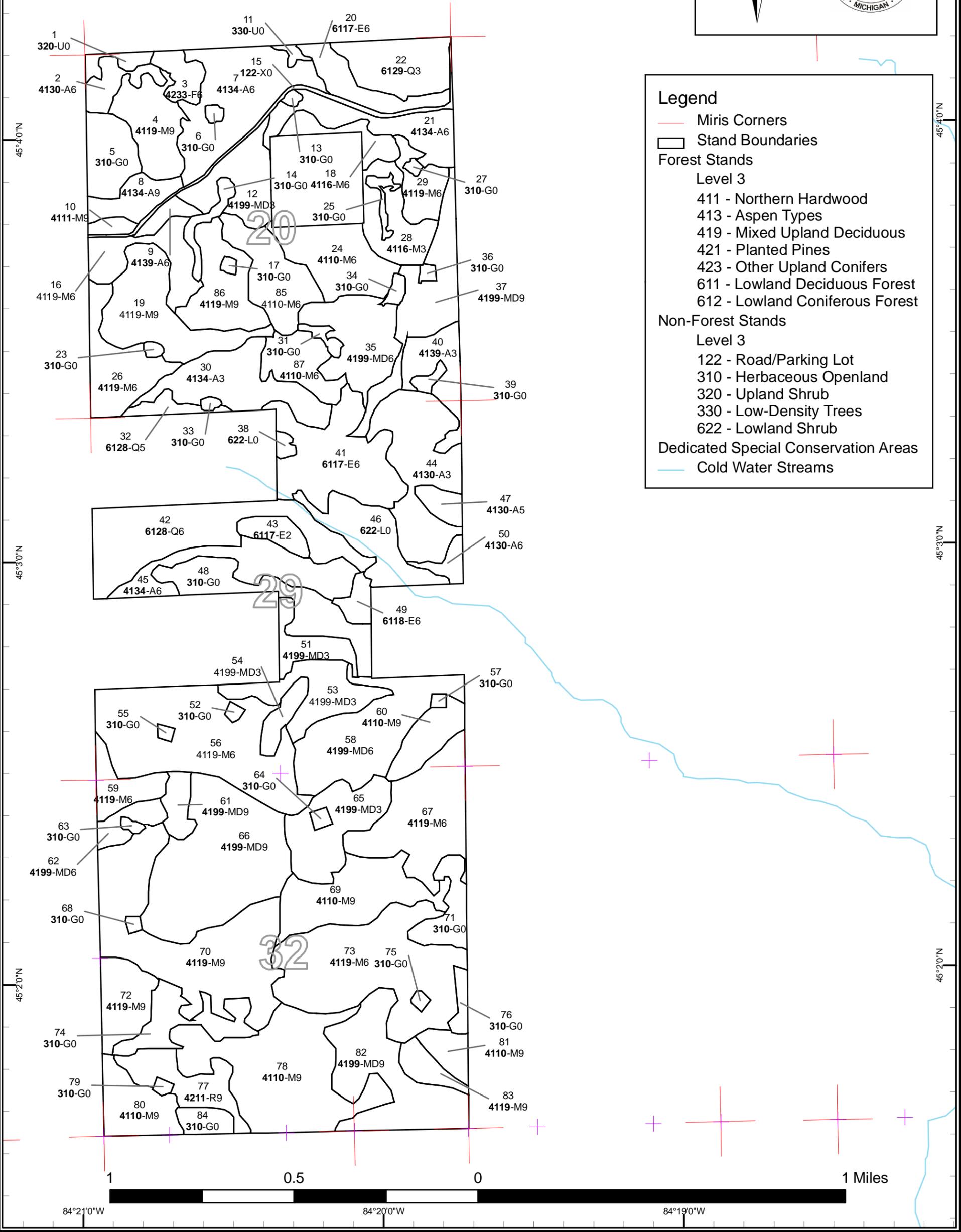
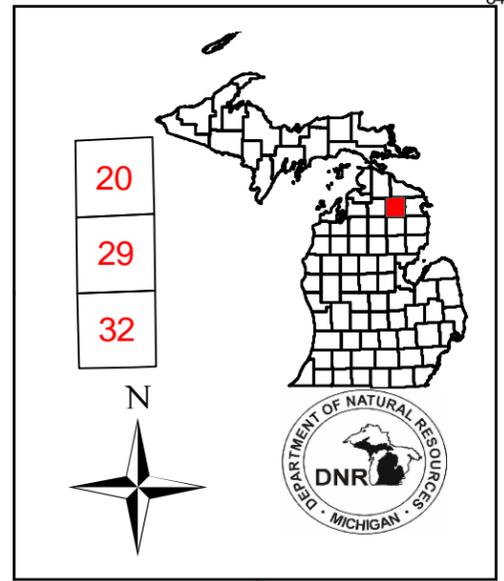
- Miris Corners
 - Remonumented Section Corners
 - County Paved Roads
 - County Gravel Roads
 - Poor Dirt Roads
 - County Poor Dirt Roads
 - Closed Roads
 - Pipeline
 - Stream
 - Intermittent Stream
 - Stand Boundaries
- Forest Stands**
- Level 3**
- 411 - Northern Hardwood
 - 413 - Aspen Types
 - 419 - Mixed Upland Deciduous
 - 421 - Planted Pines
 - 423 - Other Upland Conifers
 - 611 - Lowland Deciduous Forest
 - 612 - Lowland Coniferous Forest
- Non-Forest Stands**
- Level 3**
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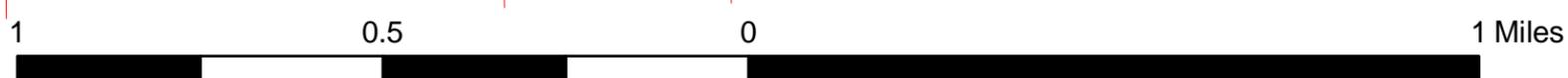
Compartment: 34
 T31N R01E Sec. 20, 29, 32
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 Examiner: Jeff Autenrieth
 Map Revised: 08/27/2012
 Map Phase: Pre-Review

Dedicated & Proposed Special Conservation Area Map

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



- Legend**
- Miris Corners
 - ▭ Stand Boundaries
 - Forest Stands
 - Level 3
 - 411 - Northern Hardwood
 - 413 - Aspen Types
 - 419 - Mixed Upland Deciduous
 - 421 - Planted Pines
 - 423 - Other Upland Conifers
 - 611 - Lowland Deciduous Forest
 - 612 - Lowland Coniferous Forest
 - Non-Forest Stands
 - Level 3
 - 122 - Road/Parking Lot
 - 310 - Herbaceous Openland
 - 320 - Upland Shrub
 - 330 - Low-Density Trees
 - 622 - Lowland Shrub
 - Dedicated Special Conservation Areas
 - Cold Water Streams



84°21'0"W 84°20'0"W 84°19'0"W

45°40'N
45°30'N
45°20'N

45°40'N
45°30'N
45°20'N

Table 1 – Total Acres by Cover Type and Age Class

Atlanta Mgt. Unit

Compartment 034 Year of Entry 2014

Jeffrey Autenrieth : Examiner



	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	0	52	121	51	12	0	0	0	0	0	0	0	0	235
Herbaceous Openland	125	0	0	0	0	0	0	0	0	0	0	0	0	0	125
Low-Density Trees	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Lowland Conifers	0	0	0	0	0	5	0	0	0	55	0	26	0	0	86
Lowland Deciduous	0	0	0	62	8	0	0	0	6	0	0	0	0	0	76
Lowland Shrub	27	0	0	0	0	0	0	0	0	0	0	0	0	0	27
Mixed Upland Deciduous	0	60	0	37	31	0	48	0	16	154	0	0	0	0	345
Northern Hardwood	0	0	20	0	23	45	0	129	136	156	68	70	0	73	721
Red Pine	0	0	0	0	20	0	0	0	0	0	0	0	0	0	20
Upland Shrub	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Upland Spruce/Fir	0	0	0	9	0	0	0	0	0	0	0	0	0	0	9
Urban	8	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Total	166	60	72	228	132	63	48	129	158	365	68	97	0	73	1658



Table 2 – Proposed Treatment Summaries

Atlanta Mgt. Unit
Year of Entry 2014

Compartment 034
Total Compartment Acres: 1660

Acres by Treatment Type

Commercial Harvest - 426	Site Prep - 0	Tree Planting - 0	Prescribed Burn - 40	Other - 0
Habitat Cut - 0	Opening Maintenance - 71	Tree Seeding - 0	Pesticide - 0	

Cover Type by Harvest Method

		Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
Aspen	12	0	0	0	0	0		12
Mixed Upland Deciduous	0	0	0	0	53	31		84
Northern Hardwood	0	0	0	0	227	82		310
Red Pine	20	0	0	0	0	0		20
Total	32	0	0	0	280	114		426



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
4	54034004-Cut	23.7	4119 - Mixed Northern Hardwoods	High Density Log	96	51-80	Harvest	Other - Specify in Comments	4119 - Mixed Northern Hardwoods	Cmpt. Review Proposal
<u>Prescription</u> Follow EAB and beech guidelines when setting up sale. Cut all ash and beech to reduce basal area before other species. Leave-tree mark a few <u>Specs:</u> ash and beech through out stand for future snags. Thin areas of higher residual basal area to 70-90ba.										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> <u>Steps:</u> Regen check. Acceptable regen should be of mixed oak, maple, basswood, birch, and hemlock.										
<u>Proposed</u> <u>Start Date:</u> 10/01/2013										
8	54034008-Cut	12.3	4134 - Aspen, Spruce/Fir	High Density Log	59	81-110	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal
<u>Prescription</u> Final harvest. Leave all oak. <u>Specs:</u>										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> <u>Steps:</u> Leave pockets of trees throughout stand for retention. Acceptable regen can be of med/well stocked mixed aspen and oak.										
<u>Proposed</u> <u>Start Date:</u> 10/01/2013										
16	54034016-Cut	20.2	4119 - Mixed Northern Hardwoods	High Density Pole	57	81-110	Harvest	Other - Specify in Comments	4119 - Mixed Northern Hardwoods	Cmpt. Review Proposal
<u>Prescription</u> Follow EAB and beech guidelines when setting up sale. Cut all ash and beech to reduce basal area before other species. Leave-tree mark a few <u>Specs:</u> ash and beech through out stand for future snags. Thin areas of higher residual basal area to 70-90ba.										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> <u>Steps:</u> Regen check. Acceptable regen should be of mixed oak, maple, basswood, birch, and hemlock.										
<u>Proposed</u> <u>Start Date:</u> 10/01/2013										
19	54034019-Cut	38.5	4119 - Mixed Northern Hardwoods	High Density Log	101	51-80	Harvest	Other - Specify in Comments	4119 - Mixed Northern Hardwoods	Cmpt. Review Proposal
<u>Prescription</u> Follow EAB and beech guidelines when setting up sale. Cut all ash and beech to reduce basal area before other species. Leave-tree mark a few <u>Specs:</u> ash and beech through out stand for future snags. Thin areas of higher residual basal area to 70-90ba.										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> <u>Steps:</u> Regen check. Acceptable regen should be of mixed oak, maple, basswood, birch, and hemlock.										
<u>Proposed</u> <u>Start Date:</u> 10/01/2013										
26	54034026-Cut	25.2	4119 - Mixed Northern Hardwoods	High Density Pole	54	111-140	Harvest	Crown Thinning	4119 - Mixed Northern Hardwoods	Cmpt. Review Proposal
<u>Prescription</u> Thin to 70-90ba. Leave all yellow birch. Follow EAB and beech guidelines when setting up sale. Take ash and beech to reduce basal area before <u>Specs:</u> other species. Leave tree mark a few ash and beech through out stand for future snags.										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> <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
37	54034037-Cut	31.2	4199 - Other Mixed Upland Deciduous	High Density Log	91	51-80	Harvest	Other - Specify in Comments	4199 - Other Mixed Upland Deciduous	Cmpt. Review Proposal
<u>Prescription</u> Follow EAB and beech guidelines when setting up sale. Cut all ash and beech to reduce basal area before other species. Leave-tree mark a few										
<u>Specs:</u> ash and beech through out stand for future snags.										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> <u>Steps:</u> Regen check. Acceptable regen should be of mixed oak, maple, basswood, birch, and hemlock.										
<u>Proposed</u> <u>Start Date:</u> 10/01/2013										
66	54034066- Cut_small	21.8	4199 - Other Mixed Upland Deciduous	High Density Log	93	111-140	Harvest	Crown Thinning	4119 - Mixed Northern Hardwoods	Cmpt. Review Proposal
<u>Prescription</u> Thin to 70-90ba. Do not cut any hemlock. Follow EAB and beech guidelines when setting up sale. Take ash and beech to reduce basal area										
<u>Specs:</u> before other species. Leave tree mark a few ash and beech through out stand for future snags.										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> <u>Steps:</u>										
<u>Proposed</u> <u>Start Date:</u> 10/01/2013										
72	54034072-Cut	18.8	4119 - Mixed Northern Hardwoods	High Density Log	83	111-140	Harvest	Crown Thinning	4119 - Mixed Northern Hardwoods	Cmpt. Review Proposal
<u>Prescription</u> Follow EAB and beech guidelines when setting up sale. Cut all ash and beech to reduce basal area before other species. Leave-tree mark a few										
<u>Specs:</u> ash and beech through out stand for future snags. Thin areas of higher residual basal area to 70-90ba. Do not cut any hemlock. Release oak where possible.										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> <u>Steps:</u>										
<u>Proposed</u> <u>Start Date:</u> 10/01/2013										
73	54034073-Cut	76.4	4119 - Mixed Northern Hardwoods	High Density Pole	87	81-110	Harvest	Crown Thinning	4119 - Mixed Northern Hardwoods	Cmpt. Review Proposal
<u>Prescription</u> Follow EAB and beech guidelines when setting up sale. Cut all ash and beech to reduce basal area before other species. Leave-tree mark a few										
<u>Specs:</u> ash and beech through out stand for future snags. Thin areas of higher residual basal area to 70-90ba. Do not cut hemlock.										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> <u>Steps:</u>										
<u>Proposed</u> <u>Start Date:</u> 10/01/2013										
77	54034077-Cut	20.2	42110 - Planted Red Pine	High Density Log	49	141-170	Harvest	Clearcut	42110 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription</u> Final harvest. Trench and plant to red pine. Require producer to chip.										
<u>Specs:</u>										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> <u>Steps:</u> Leave retention on east side of stand. Acceptable regen should be of med/well stocked red pine. Allow herbicide/burn/mechanical control of competition of planted red pine.										
<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
78	54034078-Cut	70.5	4110 - Sugar Maple Association	High Density Log	113	171-200	Harvest	Crown Thinning	4119 - Mixed Northern Hardwoods	Cmpt. Review Proposal
<u>Prescription</u> Follow EAB and beech guidelines when setting up sale. Cut all ash and beech to reduce basal area before other species. Leave-tree mark a few <u>Specs:</u> ash and beech through out stand for future snags. Thin areas of higher residual basal area to 70-90ba. Steep slopes should be marked out of sale.										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u>										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
80	54034080-Cut	19.8	4110 - Sugar Maple Association	High Density Log	83	111-140	Harvest	Crown Thinning	4119 - Mixed Northern Hardwoods	Cmpt. Review Proposal
<u>Prescription</u> Follow EAB and beech guidelines when setting up sale. Cut all ash and beech to reduce basal area before other species. Leave-tree mark a few <u>Specs:</u> ash and beech through out stand for future snags. Thin areas of higher residual basal area to 70-90ba. Do not cut hemlock.										
<u>Other</u>										
Some steep slopes but workable.										
<u>Comments:</u>										
<u>Next</u>										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
81	54034081-Cut	8.4	4110 - Sugar Maple Association	High Density Log	85	141-170	Harvest	Crown Thinning	4119 - Mixed Northern Hardwoods	Cmpt. Review Proposal
<u>Prescription</u> Follow EAB and beech guidelines when setting up sale. Cut all ash and beech to reduce basal area before other species. Leave-tree mark a few <u>Specs:</u> ash and beech through out stand for future snags. Thin areas of higher residual basal area to 70-90ba.										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u>										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
82	54034082-Cut	31.3	4199 - Other Mixed Upland Deciduous	High Density Log	91	81-110	Harvest	Crown Thinning	4119 - Mixed Northern Hardwoods	Cmpt. Review Proposal
<u>Prescription</u> Follow EAB and beech guidelines when setting up sale. Cut all ash and beech to reduce basal area before other species. Leave-tree mark a few <u>Specs:</u> ash and beech through out stand for future snags. Thin areas of higher residual basal area to 60-80ba. Do not cut hemlock. Steep slopes should be removed from harvest.										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u>										
<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
83	54034083-Cut	8.1	4119 - Mixed Northern Hardwoods	High Density Log	98	141-170	Harvest	Crown Thinning	4119 - Mixed Northern Hardwoods	Cmpt. Review Proposal
<u>Prescription</u> Follow EAB and beech guidelines when setting up sale. Cut all ash and beech to reduce basal area before other species. Leave-tree mark a few <u>Specs:</u> ash and beech through out stand for future snags. Thin areas of higher residual basal area to 70-90ba. Steep slopes should be excluded from harvest. <u>Other</u> <u>Comments:</u> <u>Next</u> <u>Steps:</u> <u>Proposed</u> <u>Start Date:</u> 10/01/2013										
71	NF_54034071- Burn	13.4	3102 - Grass				Prescribed Burn	Unspecified	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Prescribe burn to maintain opening for wildlife <u>Specs:</u> <u>Other</u> Too much topography for farm equipment <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										
74	NF_54034074- Burn	20.0	3102 - Grass				Prescribed Burn	Unspecified	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Prescribe burn to maintain opening for wildlife <u>Specs:</u> <u>Other</u> Slopes make opening inaccessible to farm equipment <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										
84	NF_54034084- Burn	6.6	3102 - Grass				Prescribed Burn	Unspecified	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Prescribe burn to maintian opening for wildlife <u>Specs:</u> <u>Other</u> slopes make opening inaccessible for farm equipment <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										
1	NF_54034001- NonFor	4.4	3205 - Mixed Upland Shrub				Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Cut brush and mow; potential to burn to set back brush <u>Specs:</u> <u>Other</u> Arm of viewing area <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										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
5	NF_54034005- NonFor	17.8	310 - Herbaceous Openland				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> mow east side, plant to food and cover to west										
<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										
6	NF_54034006- 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> Monitor for cover type and perform opening maintenance on 5-10 year rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
13	NF_54034013- NonFor	1.1	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										
14	NF_54034014- NonFor	5.7	310 - Herbaceous Openland				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										
25	NF_54034025- NonFor	2.9	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										



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	NF_54034031- NonFor	2.7	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> Being lost to upland shrub										
<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										
34	NF_54034034- NonFor	2.2	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> Needs work										
<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										
39	NF_54034039- NonFor	2.3	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> Monitor for cover type and perform opening maintenance on 5-10 year rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
48	NF_54034048- NonFor	30.6	3102 - Grass				Non-Forest Management	Mowing	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through mowing for wildlife										
<u>Specs:</u>										
<u>Other</u> eastern portion being mowed by private owners. work with FM to plant and limit trespass. Maintain opening as permanent meadow.										
<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										

**Total Treatment
Acreage Proposed: 537.5**

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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

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
54002031-N-CCR Burn/Scarify	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

54002031-N-CCR Burn/Scarify	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**

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Atlanta Mgt. Unit

5 – Forested Stands

Compartment: 034
Year of Entry: 2014

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
2	4130 - Aspen	High Density Pole	9.4	44	81-110	
3	42330 - Upland Fir	High Density Pole	8.7	35	141-170	
4	4119 - Mixed Northern Hardwoods	High Density Log	23.7	96	51-80	
7	4134 - Aspen, Spruce/Fir	High Density Pole	46.3	37	81-110	
8	4134 - Aspen, Spruce/Fir	High Density Log	12.3	59	81-110	New stand added.
9	4139 - Aspen, Mixed Deciduous	High Density Pole	4.8	43	51-80	
10	4111 - S.Maple, Hard Mast Association	High Density Log	3.4	104	81-110	
12	4199 - Other Mixed Upland Deciduous	High Density Sapling	22.8	17		
16	4119 - Mixed Northern Hardwoods	High Density Pole	20.2	57	81-110	
18	4116 - Mixed N. Hardwood - Aspen	High Density Pole	10.3	45		
19	4119 - Mixed Northern Hardwoods	High Density Log	38.4	101	51-80	Thinned last entry period.
20	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	15.6	38		Stand is very wet.
21	4134 - Aspen, Spruce/Fir	High Density Pole	24.5	36	81-110	
22	6129 - Mixed Coniferous Lowland Forest	High Density Sapling	26.3	117		Some blow down. Tag alder in pockets.
24	4110 - Sugar Maple Association	High Density Pole	29.4	Uneven Age	81-110	
26	4119 - Mixed Northern Hardwoods	High Density Pole	25.2	54	111-140	Some slopes but managable.
28	4116 - Mixed N. Hardwood - Aspen	High Density Sapling	20.4	26		
29	4119 - Mixed Northern Hardwoods	High Density Pole	12.4	43	51-80	

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Atlanta Mgt. Unit

5 – Forested Stands

Compartment: 034
Year of Entry: 2014

Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
4134 - Aspen, Spruce/Fir	High Density Sapling	34.0	26		
6128 - Lowland Coniferous, Mixed Deciduous	Medium Density Pole	5.3	52	51-80	Stand has beaver activity and is starting to flood. Die off and blow down mostly in wetter areas.
4199 - Other Mixed Upland Deciduous	High Density Pole	30.6	43		
4199 - Other Mixed Upland Deciduous	High Density Log	31.2	91	51-80	Thinned last entry period.
4139 - Aspen, Mixed Deciduous	High Density Sapling	17.8	24		32' tall.
6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	46.3	38		Some wet areas. Stand gets wetter to the south.
6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	54.7	93		Part of the Green Swamp
6117 - Lowland Deciduous, Mixed Coniferous	Medium Density	8.1	42		Very wet.
4130 - Aspen	High Density Sapling	44.9	34		New stand added.
4134 - Aspen, Spruce/Fir	High Density Pole	30.3	42	171-200	
4130 - Aspen	Medium Density Pole	6.1	49		Steep slopes.
6118 - Lowland Deciduous with Cedar	High Density Pole	5.7	86		
4130 - Aspen	High Density Pole	5.0	38		New stand added.
4199 - Other Mixed Upland Deciduous	High Density Sapling	11.9	38		Red Oak sign.
4199 - Other Mixed Upland Deciduous	High Density Sapling	24.7	38		
4199 - Other Mixed Upland Deciduous	High Density Sapling	7.3	17		Very interesting stand. Look into origin.
4119 - Mixed Northern Hardwoods	High Density Pole	77.6	79	51-80	Poor site quality. Trees are of lesser value. Steep slopes.
4199 - Other Mixed Upland Deciduous	High Density Pole	48.2	68	81-110	Steep slopes.

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Atlanta Mgt. Unit

5 – Forested Stands

Compartment: 034
Year of Entry: 2014

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
59	4119 - Mixed Northern Hardwoods	High Density Pole	12.9	85	141-170	Steep slopes and frost pockets.
60	4110 - Sugar Maple Association	High Density Log	14.3	78	81-110	Steep slopes.
61	4199 - Other Mixed Upland Deciduous	High Density Log	7.9	85	81-110	Steep slopes.
62	4199 - Other Mixed Upland Deciduous	High Density Pole	8.1	85	111-140	Steep slopes and a frost pocket.
65	4199 - Other Mixed Upland Deciduous	High Density Sapling	29.6	17		
66	4199 - Other Mixed Upland Deciduous	High Density Log	76.0	93	111-140	
67	4119 - Mixed Northern Hardwoods	High Density Pole	46.0	91		Very steep slopes.
69	4110 - Sugar Maple Association	High Density Log	37.5	71	51-80	steep slopes
70	4119 - Mixed Northern Hardwoods	High Density Log	78.3	90	141-170	Steep slopes.
72	4119 - Mixed Northern Hardwoods	High Density Log	18.8	83	111-140	
73	4119 - Mixed Northern Hardwoods	High Density Pole	76.4	87	81-110	
77	42110 - Planted Red Pine	High Density Log	20.2	49	141-170	Stand has not been thinned.
78	4110 - Sugar Maple Association	High Density Log	70.5	113	171-200	Steep slopes in the stand. Exclude them from any harvest boundary.
80	4110 - Sugar Maple Association	High Density Log	19.8	83	111-140	Some steep slopes in stand.
81	4110 - Sugar Maple Association	High Density Log	8.4	85	141-170	
82	4199 - Other Mixed Upland Deciduous	High Density Log	46.6	91	81-110	Steep slopes on east side of stand.
83	4119 - Mixed Northern Hardwoods	High Density Log	8.1	98	141-170	
85	4110 - Sugar Maple Association	High Density Pole	26.0	Uneven Age	81-110	

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Atlanta Mgt. Unit

5 – Forested Stands

Compartment: 034
Year of Entry: 2014



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
86	4119 - Mixed Northern Hardwoods	High Density Log	26.2	101	51-80	Thinned last entry period.
87	4110 - Sugar Maple Association	High Density Pole	17.3	Uneven Age	81-110	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
1	3205 - Mixed Upland Shrub	4.4	N/A	Unspecified	
5	310 - Herbaceous Openland	17.8	N/A	Unspecified	
6	3102 - Grass	1.3	N/A	Unspecified	
11	330 - Low-Density Trees	1.7	N/A	Unspecified	
13	3102 - Grass	1.1	N/A	Unspecified	
14	310 - Herbaceous Openland	5.7	N/A	Unspecified	
15	122 - Road/Parking Lot	7.5	N/A	Unspecified	
17	3102 - Grass	1.0	N/A	Unspecified	
23	3102 - Grass	1.2	N/A	Unspecified	
25	3102 - Grass	2.9	N/A	Unspecified	
27	3102 - Grass	1.3	N/A	Unspecified	
31	3102 - Grass	2.7	N/A	Unspecified	
33	3102 - Grass	1.0	N/A	Unspecified	
34	3102 - Grass	2.2	N/A	Unspecified	
36	3102 - Grass	1.3	N/A	Unspecified	
38	6229 - Mixed lowland shrub	2.0	N/A	Unspecified	
39	3102 - Grass	2.3	No	Unspecified	
46	6229 - Mixed lowland shrub	25.3	N/A	Unspecified	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
48	3102 - Grass	30.6	N/A	Unspecified	
52	3102 - Grass	1.2	N/A	Unspecified	
55	3102 - Grass	1.0	N/A	Unspecified	
57	3102 - Grass	1.0	N/A	Unspecified	
63	3102 - Grass	1.2	N/A	Unspecified	
64	3102 - Grass	1.6	N/A	Unspecified	
68	3102 - Grass	1.1	N/A	Unspecified	
71	3102 - Grass	13.4	N/A	Unspecified	
74	3102 - Grass	20.0	N/A	Unspecified	
75	3102 - Grass	1.1	N/A	Unspecified	
76	3102 - Grass	4.1	N/A	Unspecified	
79	3102 - Grass	1.2	N/A	Unspecified	
84	3102 - Grass	6.6	N/A	Unspecified	



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.