



**Cadillac Forest Management Unit
Compartment Review Presentation
Compartment #033 Entry Year: 2012
Compartment Acreage: 1520 County: Osceola**

Revision Date: 4/1/2010

Stand Examiner: Jeff Autenrieth

Legal Description: T18N R8W, Sections 7, 8, and 18.

Identified Planning Goals ('Management Area' or 'RMU', if applicable): RMU 315.

Management Goals: Production of high volume quality timber is the major emphasis on this RMU, along with maintaining the aspen type and age class diversity.

Soil and Topography: Rubicon and Roselawn sands.

Ownership Patterns, Development, and Land Use in and Around the Compartment: The compartment is bordered to the north and west by State lands with similar cover-types. The south and east edges are bordered by private lands which a majority of are year round homes and farms. There are no recommendations for disposal of any state lands within this compartment.

Unique, Natural Features: There are no known unique or natural features within this compartment. In the past, a large sheep ranch was stationed north of this compartment.

Archeological, Historical, and Cultural Features: There are no known archeological or historical sites within this compartment.

Special Management Designations or Considerations: There are no special management considerations at this time.

Watershed and Fisheries Considerations: Fisheries Biologist Input.

Wildlife Habitat Considerations: Featured wildlife species are deer and ruffed grouse. Major management objectives are to maintain the aspen type and age class diversity. Numerous problems exist throughout this block of state forest land where oak stands can not be regenerated or are converting to red maple. (L. Smith, 9/24/10)

Mineral Resource and Development Concerns and/or Restrictions: There are no mineral resource/development concerns at this time.

Vehicle Access: There are good forest two tracks and gravel county roads that provide good access to this compartment.

Watershed and Fisheries Management: Fisheries Biologist Input.

Survey Needs: There are a few corners along the private land boundaries that could be re-located.

Recreational Facilities and Opportunities: There are no campgrounds or facilities in this compartment. Access is limited to foot traffic in most areas and used mainly for hunting and trapping.

Fire Protection: This compartment has seen an increase in the available fuel, due to logging slash. The reduction of fire personnel at the Evert Office has also increased the possibility of large fire growth. Except for steep slopes, much of the compartment would be accessible for suppression equipment. 10-4-2010/BRA

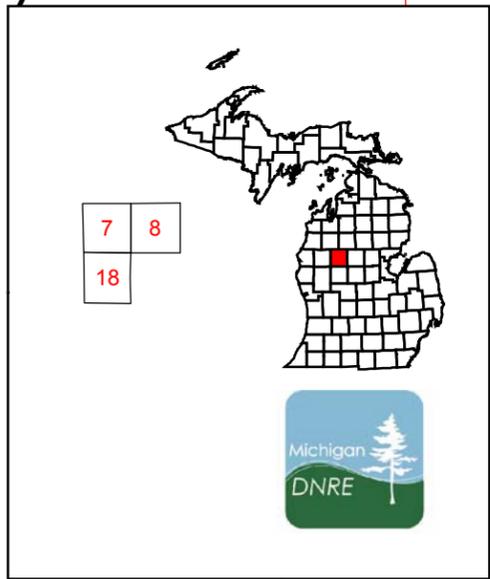
Additional Compartment Information:

- **The following reports from the Inventory are attached:**
 - ◆ **Total Acres by Cover Type and Age Class**
 - ◆ **Proposed Treatment Summary**
 - ◆ **Proposed Treatments – No Limiting Factors**
 - ◆ **Proposed Treatments – With Limiting Factors**
 - ◆ **Stand Details (Forested and Nonforested)**
 - ◆ **Dedicated and Proposed Special Conservation Areas**

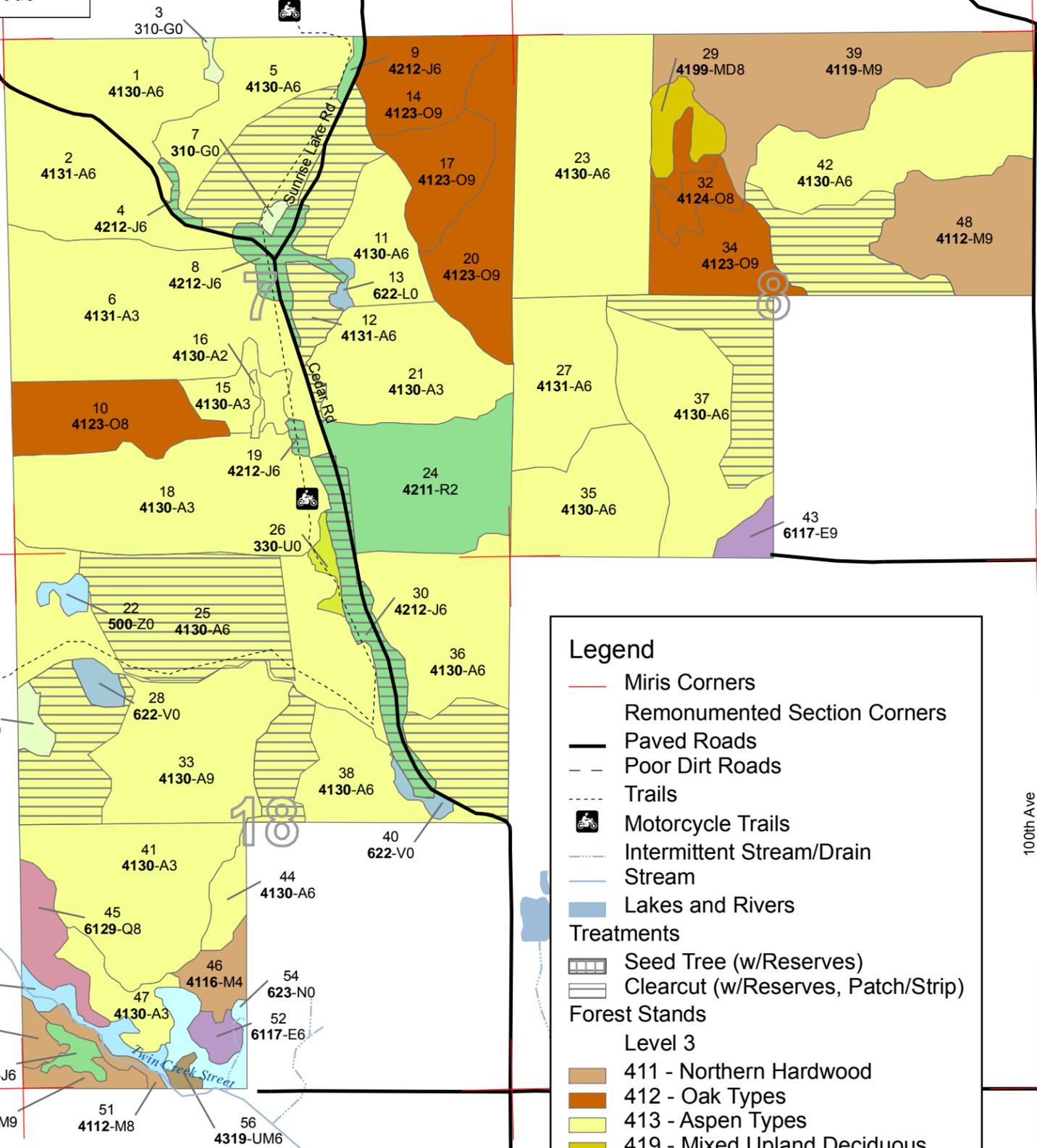
- **The following information is displayed, where pertinent, on the attached compartment maps:**
 - ◆ **Base feature information, stand boundaries, cover types, and numbers**
 - ◆ **Proposed treatments**
 - ◆ **Details on the road access system**

Cover Type & Treatment Map

Compartment 33
 T18N, R08W, Sec. 7, 8, 18
 County: Osceola
 Unit: Cadillac
 YOE: 2012
 Acres: 1,499 GIS Calculated
 Stand Examiner: Jeff Autenrieth
 Map Revised: 10/6/2010
 Map Phase: Pre-Review



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



Legend

- Miris Corners
- Remonumented Section Corners
- Paved Roads
- Poor Dirt Roads
- Trails
- Motorcycle Trails
- Intermittent Stream/Drain
- Stream
- Lakes and Rivers

Treatments

- Seed Tree (w/Reserves)
- Clearcut (w/Reserves, Patch/Strip)

Forest Stands

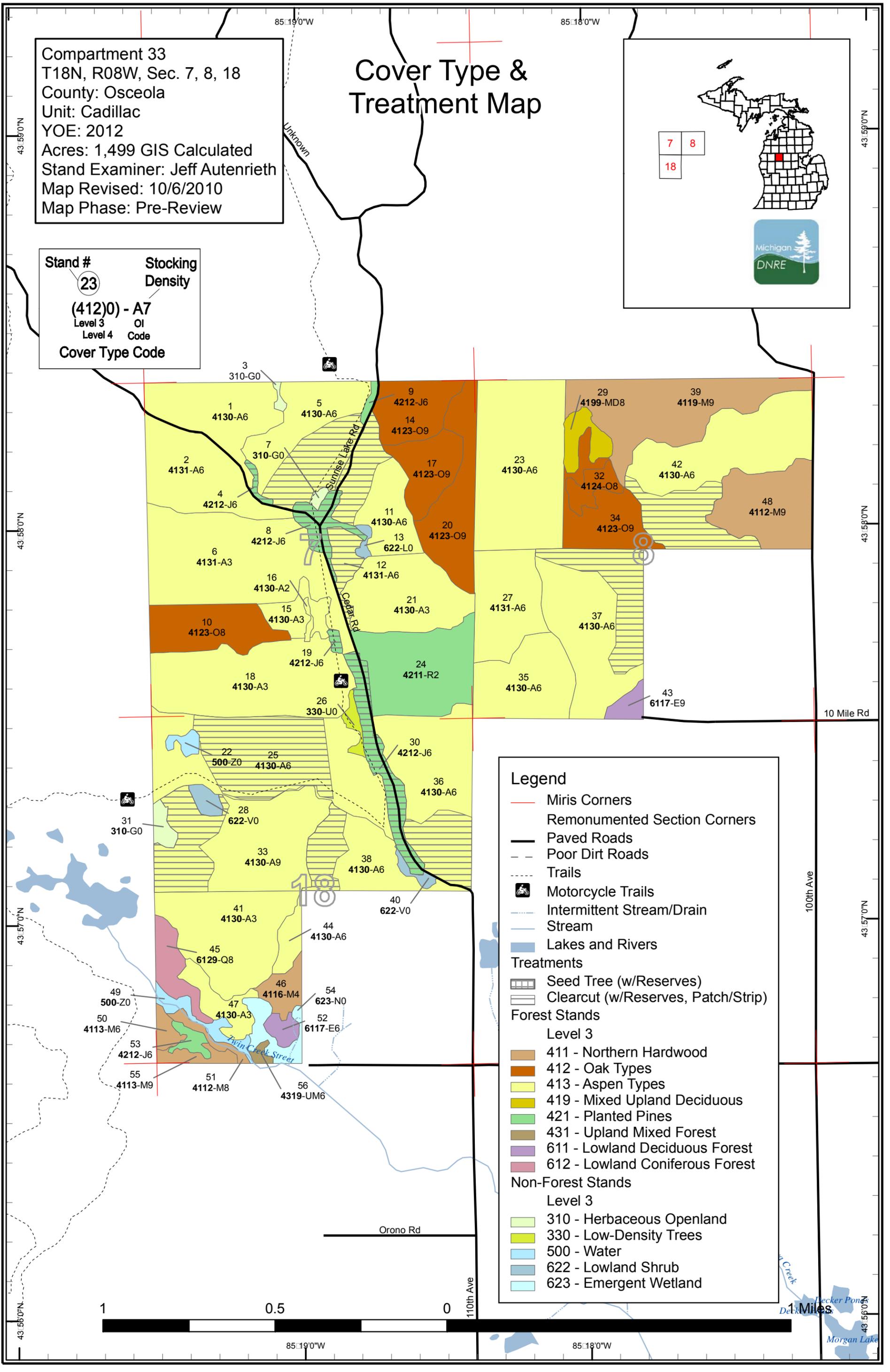
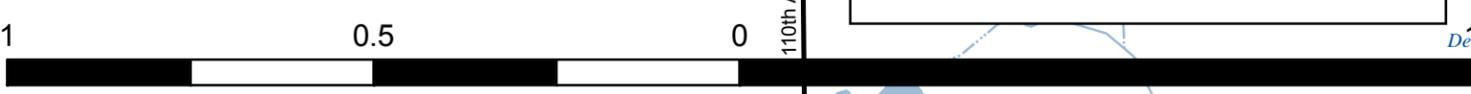
Level 3

- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 431 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest

Non-Forest Stands

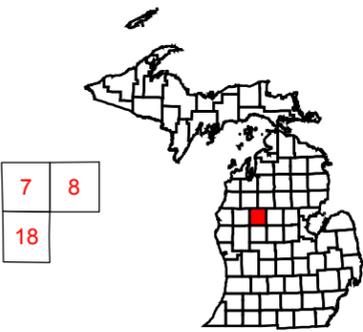
Level 3

- 310 - Herbaceous Openland
- 330 - Low-Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland

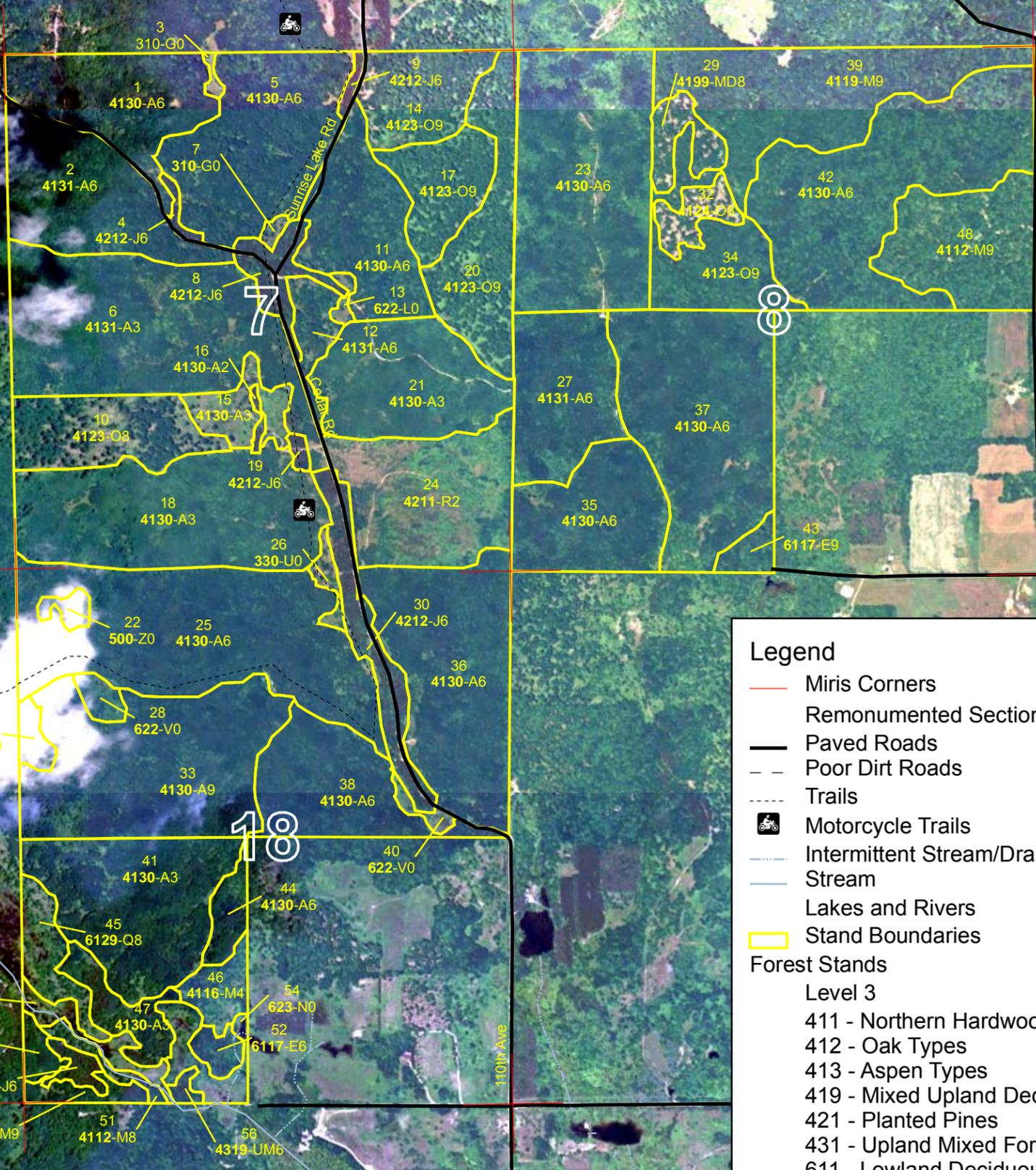


Stand Boundary Map

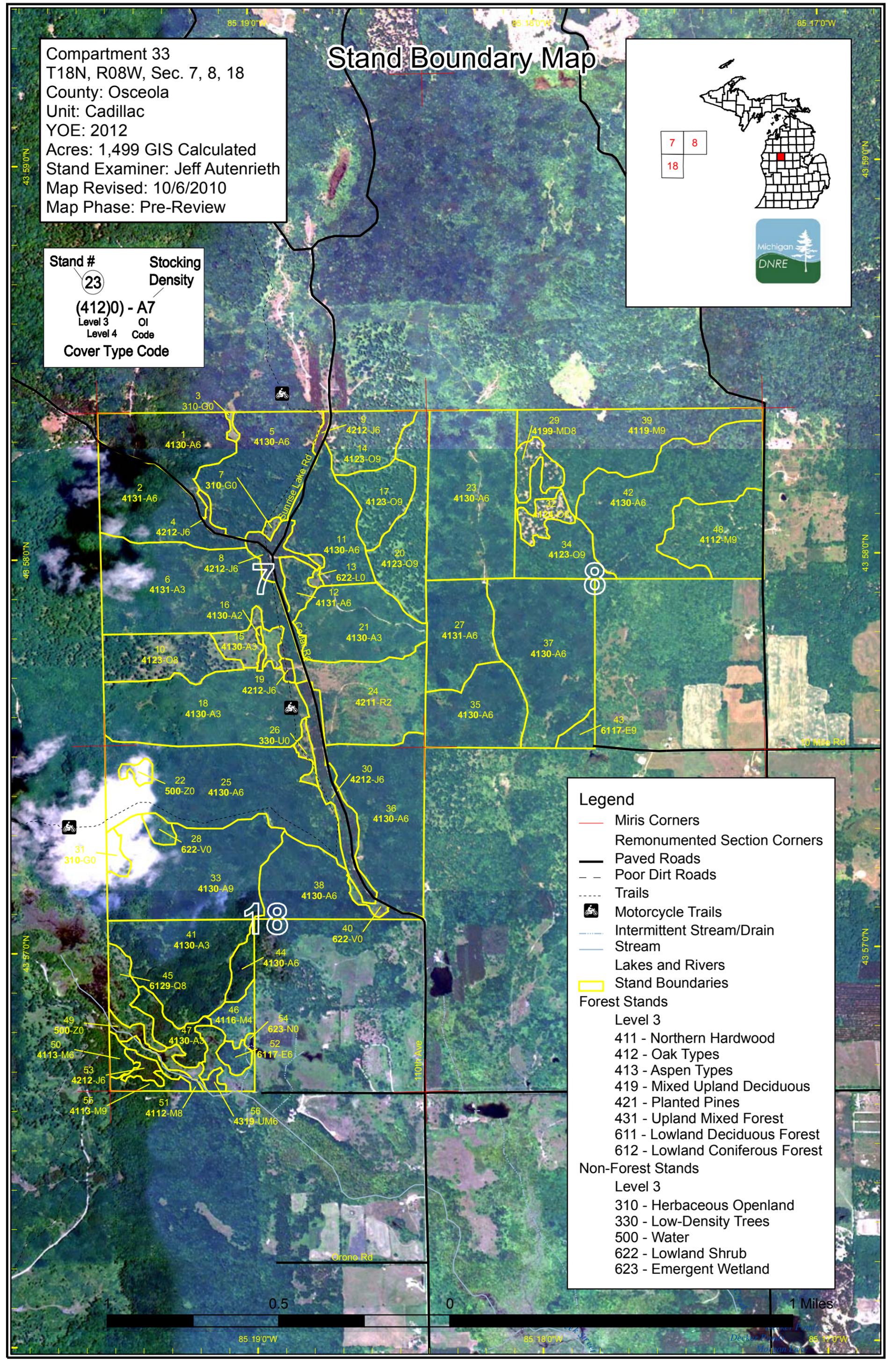
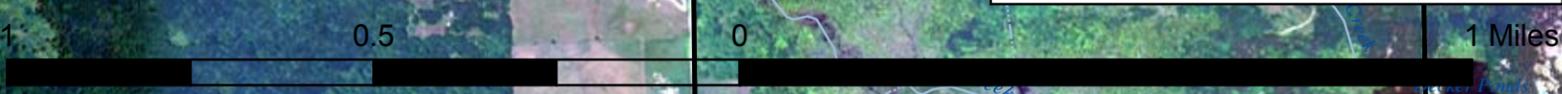
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 T18N, R08W, Sec. 7, 8, 18
 County: Osceola
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Stand #
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Stocking Density
 (4120) - A7
 Level 3 OI
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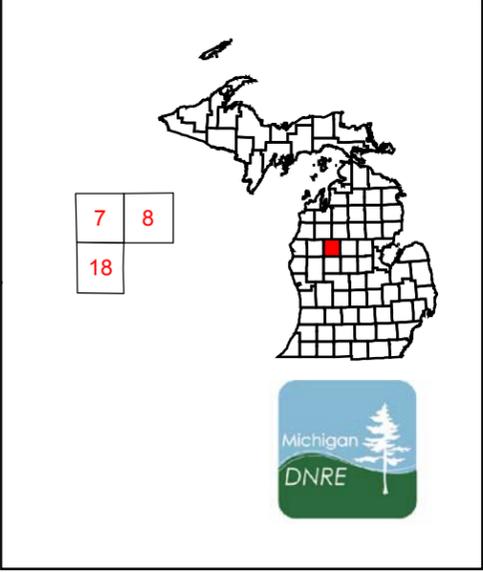


- Legend**
- Miris Corners
 - Remonumented Section Corners
 - Paved Roads
 - - - Poor Dirt Roads
 - Trails
 - Motorcycle Trails
 - Intermittent Stream/Drain
 - Stream
 - Lakes and Rivers
 - Stand Boundaries
- Forest Stands**
- Level 3
- 411 - Northern Hardwood
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 - 413 - Aspen Types
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- Non-Forest Stands**
- Level 3
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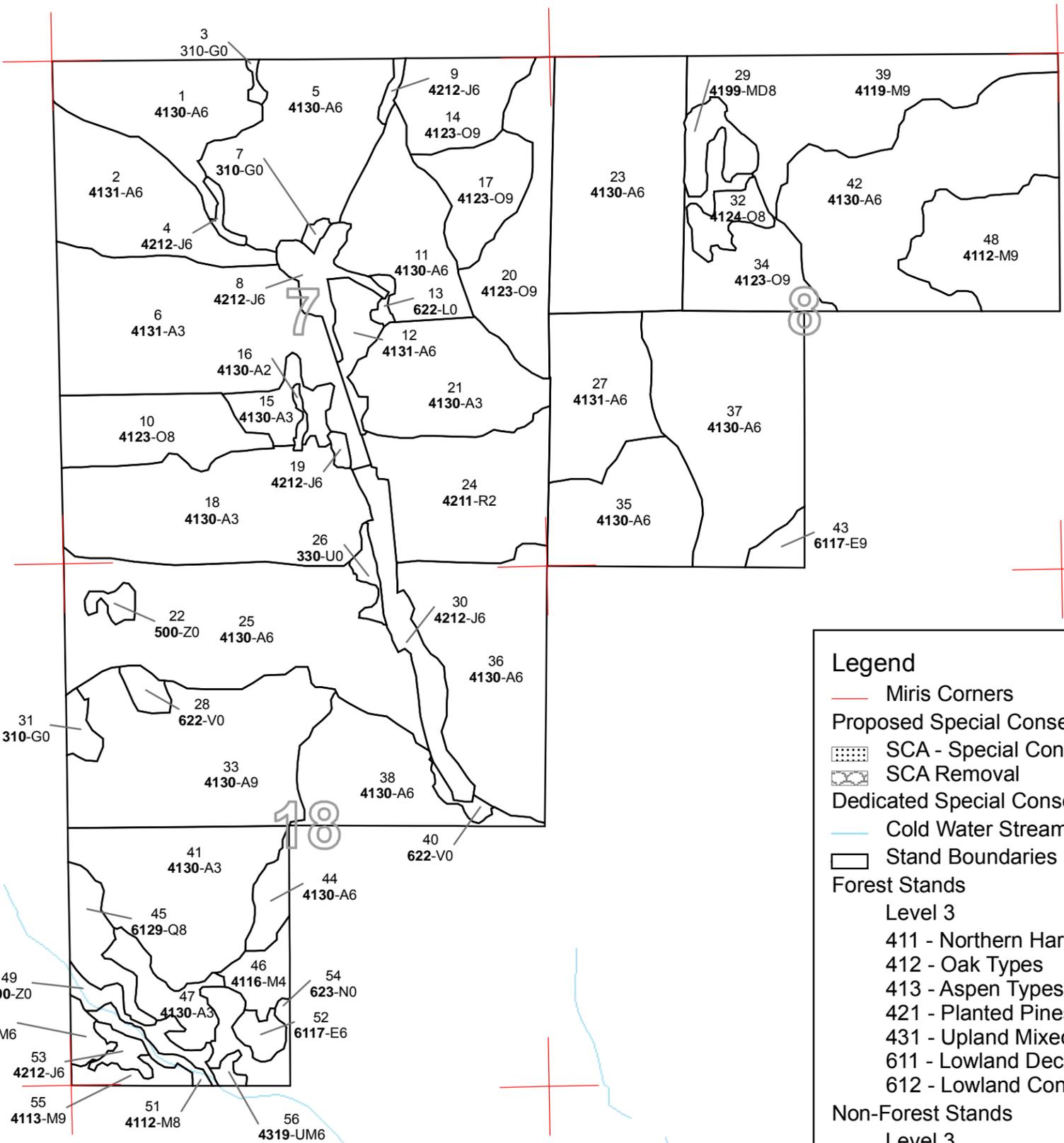


Compartment 33
 T18N, R08W, Sec. 7, 8, 18
 County: Osceola
 Unit: Cadillac
 YOE: 2012
 Acres: 1,499 GIS Calculated
 Stand Examiner: Jeff Autenrieth
 Map Revised: 10/6/2010
 Map Phase: Pre-Review

Dedicated & Proposed Special Conservation Area Map



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



Legend

- Miris Corners
- Proposed Special Conservation Areas
 - SCA - Special Conservation Area
 - SCA Removal
- Dedicated Special Conservation Areas
- Cold Water Streams
- Stand Boundaries
- Forest Stands
 - Level 3
 - 411 - Northern Hardwood
 - 412 - Oak Types
 - 413 - Aspen Types
 - 421 - Planted Pines
 - 431 - Upland Mixed Forest
 - 611 - Lowland Deciduous Forest
 - 612 - Lowland Coniferous Forest
- Non-Forest Stands
 - Level 3
 - 310 - Herbaceous Openland
 - 330 - Low-Density Trees
 - 500 - Water
 - 622 - Lowland Shrub
 - 623 - Emergent Wetland



85°19'0"W 85°18'0"W 85°17'0"W

43°59'0"N

43°58'0"N

43°57'0"N

43°59'0"N

43°58'0"N

43°57'0"N

Table 1 – Total Acres by Cover Type and Age Class

Data updated yesterday after 6:00 PM



	Age Class														Total	
	Non-Forested	1-9	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	87	314	38	157	379	94	0	0	0	0	0	0	0	1069
Bog	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Herbaceous Openland	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Jack Pine	0	0	0	0	0	0	39	0	0	0	0	0	0	0	0	39
Low-Density Trees	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	12
Lowland Deciduous	0	0	0	0	5	0	0	0	0	0	4	0	0	0	0	10
Lowland Shrub	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Marsh	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	10
Northern Hardwood	0	0	0	0	9	0	48	0	61	4	0	0	0	0	0	121
Oak	0	0	0	0	0	0	0	0	8	30	49	59	0	0	0	146
Red Pine	0	0	0	0	0	0	50	0	0	0	0	0	0	0	0	50
Upland Mixed Forest	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
Water	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Total	38	0	87	314	52	157	517	94	69	44	53	72	0	0	0	1496



Table 2 – Proposed Treatment Summaries

Data updated yesterday after 6:00 PM

Cadillac Mgt. Unit
Year of Entry 2012

Compartment 033
Total Compartment Acres: 1496

Acres by Treatment Type

Commercial Harvest - 270	Site Prep - 0	Tree Planting - 0	Prescribed Burn - 0	Other - 0
Habitat Cut - 6	Opening Maintenance - 0	Tree Seeding - 0	Pesticide - 0	

Cover Type by Harvest Method

	Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
Aspen	217	0	0	0	0	0	217
Jack Pine	39	0	0	0	0	0	39
Lowland Deciduous	4	0	0	5	0	0	10
Northern Hardwood	10	0	0	0	0	0	10
Upland Mixed Forest	2	0	0	0	0	0	2
Total	272	0	0	5	0	0	277

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Data updated yesterday after 6:00 PM

Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
4 63033004-Cut	1.8	42120 - Planted Jack Pine	High Density Pole	50	Harvest	Clearcut	Planted Red Pine	Cmpt. Review Proposal

Prescription Final harvest to prepare site for planting.Specs:OtherComments:Next

Trench and plant to red pine.

Steps:

5 63033005-Cut	26.5	4130 - Aspen	High Density Pole	40	Harvest	Clearcut with Reserves	Aspen, Oak	Cmpt. Review Proposal
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Prescription Final harvest. Leave all oak. Treat only 27 acres of the south east portion of the stand.Specs:

Retention: Residual oak BA.

Other

Harvest acres may differ from treatment acres due to topography, stem density, stand boundaries etc.

Comments:NextSteps:

8 63033008-Cut	10.7	42120 - Planted Jack Pine	High Density Pole	50	Harvest	Clearcut	Planted Red Pine	Cmpt. Review Proposal
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Prescription --Michael Lesinski : 09/24/2010 comments:Specs:

Final harvest. No replanting. Allow stand to convert to an aspen/hardwood mix.

Retention: Residual advanced regeneration.

OtherComments:NextSteps:

9 63033009-Cut	1.7	42120 - Planted Jack Pine	High Density Pole	55	Harvest	Clearcut	Planted Red Pine	Cmpt. Review Proposal - Incomplete
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Prescription Final harvest to prepare site for planting.Specs:OtherComments:Next

Trench and plant to red pine.

Steps:

11 63033011-Cut	15.4	4130 - Aspen	High Density Pole	50	Harvest	Clearcut with Reserves	Aspen	Cmpt. Review Proposal
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Prescription Cut all aspen, cherry, and red maple. DO NOT CUT ANY OAK. Retention will be the residual oaks. Cut only the west 15 acres of this stand with part of stand #5.Other

Harvest acres may differ from treatment acres due to topography, stand boundaries, stem density, etc.

Comments:NextSteps:

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Data updated yesterday after 6:00 PM

Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
12 63033012-Cut	9.4	4131 - Aspen, Oak	High Density Pole	45	Harvest	Clearcut with Reserves	Aspen	Cmpt. Review Proposal

PrescriptionSpecs: Final harvest. Cut all aspen, black cherry, and pine. DO NOT CUT ANY OAK.

Retention: Residual oak BA.

OtherComments:NextSteps:

19 63033019-Cut	1.4	42120 - Planted Jack Pine	High Density Pole	56	Harvest	Clearcut	Planted Red Pine	Cmpt. Review Proposal
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Prescription Final harvest to convert to an aspen/hardwood mixed type. No replanting to allow cover type conversion.Specs: Retention: Residual hardwood advanced reproduction.OtherComments:NextSteps:

25 63033025-Cut_small	51.5	4130 - Aspen	High Density Pole	60	Harvest	Clearcut with Reserves	Aspen	Cmpt. Review Proposal
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Prescription Final Harvest. Cut all species except DO NOT CUT ANY OAK. Only treat the middle 1/3 of the stand. The purpose of this cut it so break up the age class of aspen in this compartment.

Retention: Residual oak BA.

OtherComments: Harvest acres may differ from treatment acres due to topography, stem density, etc.NextSteps:

30 63033030-Cut	19.5	42120 - Planted Jack Pine	High Density Pole	55	Harvest	Clearcut	Planted Red Pine	Cmpt. Review Proposal
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Prescription Final harvest to convert to aspen/hardwood mixed stand.Specs: Retention: Residual advanced regeneration.OtherComments: Coordinate with ORV analyst when setting up timber sale to consider a possible re-route of the deeply rutted MCCCT trail.NextSteps:

33 63033033-Cut_small	25.8	4130 - Aspen	High Density Log	50	Harvest	Clearcut	Aspen	Cmpt. Review Proposal
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Prescription Final harvest. Cut all aspen, cherry, and red maple in the WEST 1/3 (26 acres) of this stand. This harvest is to break up the aspen age classes in the compartment. Per collaboration with biologist, no retention will be left in this stand due to critical grouse/woodcock habitat.OtherComments: Harvest acres may differ from treatment acres due to stand topography, stem density, etc.NextSteps:

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Data updated yesterday after 6:00 PM

Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
36 63033036-Cut_small	20.7	4130 - Aspen	High Density Pole	50	Harvest	Clearcut with Reserves	Oak, Aspen	Cmpt. Review Proposal

Prescription Final harvest. Cut all aspen and red maple. DO NOT CUT ANY OAK. Cut the south 1/3 (22 acres) of this stand. This harvest is to break up the aspen age class in this compartment.

Specs:

Retention: Residual oak BA.

Other Harvest acres may differ from treatment acres due to topography, stem density, etc.

Comments:

Next
Steps:

37 63033037-Cut_small	27.6	4130 - Aspen	High Density Pole	50	Harvest	Clearcut with Reserves	Oak, Aspen	Cmpt. Review Proposal
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Prescription Cut all aspen, red maple, and cherry. Where applicable leave (green ring) 10-20 BA of scattered oak. This harvest is to break up the aspen age class in this compartment. Cut only the EAST 1/3 (26 acres).

Specs:

Retention: residual oak BA.

Other Harvest acres may differ from treatment acres due to topography, stem density, etc.

Comments:

Next
Steps:

38 63033038-Cut_small	13.0	4130 - Aspen	High Density Pole	55	Harvest	Clearcut	Aspen	Cmpt. Review Proposal
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Prescription Final harvest all aspen, cherry, and red maple. Cut the WEST 1/3 (12 acres). This harvest is to break up the aspen age class in this compartment. Per collaboration with the biologist, no retention will be left in this stand due to critical grouse/woodcock habitat.

Specs:

Other Harvest acres may differ from treatment acres due to stand topography, stem density, etc.

Comments:

Next
Steps:

42 63033042-Cut_small	27.2	4130 - Aspen	High Density Pole	50	Harvest	Clearcut with Reserves	Oak, Aspen	Cmpt. Review Proposal
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Prescription Cut all aspen, red maple, and cherry. DO NOT CUT ANY OAK. Retention will be the residual oak. Cut only the south 1/3 (28 acres) of the stand. This harvest is to break up the aspen age class in this compartment.

Specs:

Other Harvest acres may differ from treatment acres due to stand topography, stem density, etc.

Comments:

Next
Steps:

43 63033043-Cut	5.1	6117 - Lowland Deciduous, Mixed Coniferous	High Density Log	30	Harvest	Shelter Wood with Reserves	Natural White Pine, Mixed Deciduous	Cmpt. Review Proposal
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Prescription Cut all aspen and red maple. Leave (green ring) scattered oak, beech, and white pine (10-40 BA where applicable). Do not cut any hemlock.

Specs:

Retention: Residual oak, white pine, beech, and hemlock.

Other
Comments:

Next
Steps:

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Data updated yesterday after 6:00 PM

Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
50 63033050-Cut	4.1	4113 - R.Maple, Conifer	High Density Pole	50	Harvest	Clearcut with Reserves	Aspen, Oak	Cmpt. Review Proposal - Incomplete

Prescription Final harvest. Cut all trees 2" and over not marked with green paint. Some oak, cherry, and beech were marked with green paint to leave.

Specs:

Other Comments: Stands #50, 53, and 55 are a part of sale #63-076-09-01. These stands are being treated in conjunction with stands in Compartment #31. These stands are being treated out of YOE. A chapter 7 form was filled out by Cheryl Nelson and was approved by FMD, Wildlife, and Fisheries Division. THIS CHAPTER 7 HAS BEEN APPROVED.

Next Steps:

52 63033052-Cut	4.5	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	95	Harvest	Patch or Strip Clearcut	Hemlock, Mixed Deciduous	Cmpt. Review Proposal - Incomplete
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Prescription Wildlife patch or strip cuts to be determined by the Wildlife division. DO NOT CUT ANY HEMLOCK.

Specs:

Other Comments:

Next Steps:

53 63033053-Cut1	3.8	42120 - Planted Jack Pine	High Density Pole	50	Harvest	Clearcut	R.Maple, Conifer	Cmpt. Review Proposal - Incomplete
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Prescription Final harvest. Cut all trees 2" in diameter and over. No retention due to species regeneration requirements and small acreage.

Specs:

Other Comments: Stands #50, 53, and 55 are a part of sale #63-076-09-01. These stands are being treated in conjunction with stands in Compartment #31. These stands are being treated out of YOE. A chapter 7 form was filled out by Cheryl Nelson and was approved by FMD, Wildlife, and Fisheries Division. THIS CHAPTER 7 HAS BEEN APPROVED.

Next Steps:

55 63033055-Cut	5.5	4113 - R.Maple, Conifer	High Density Log	55	Harvest	Clearcut with Reserves	Aspen, Oak	Cmpt. Review Proposal - Incomplete
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Prescription Final harvest. Cut all trees 2" and over not marked with green paint. Some oak, cherry, and beech were marked with green paint to leave.

Specs:

Other Comments: Stands #50, 53, and 55 are a part of sale #63-076-09-01. These stands are being treated in conjunction with stands in Compartment #31. These stands are being treated out of YOE. A chapter 7 form was filled out by Cheryl Nelson and was approved by FMD, Wildlife, and Fisheries Division. THIS CHAPTER 7 HAS BEEN APPROVED.

Next Steps:

56 63033056-Cut	1.7	4319 - Mixed Upland Forest	High Density Pole	50	Harvest	Patch or Strip Clearcut	R.Maple, Conifer	Cmpt. Review Proposal - Incomplete
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Prescription Wildlife division to determine size and shape of clear cuts for wildlife habitat.

Specs:

Other Comments:

Next Steps:

**Total Treatment
Acreage Proposed: 276.6**

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Data updated yesterday after 6:00 PM

Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
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Prescription
Specs:

Other
Comment:

Next
Steps:

Limiting Factor and No
Treatment Reason

Total Treatment
Acres Proposed: 0

Data updated yesterday after 6:00 PM

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

Year of Entry: 2012



Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
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Prescription
Specs:

Other
Comments:

Next
Steps:

**Total Treatment
Acreage Proposed: 0**

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Cadillac Mgt. Unit

5 – Forested Stands

Compartment: 033
Year of Entry: 2012

Data updated yesterday after 6:00 PM

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	4130 - Aspen	High Density Pole	38.8	40	1-50	
2	4131 - Aspen, Oak	High Density Pole	44.4	40	1-50	
4	42120 - Planted Jack Pine	High Density Pole	1.8	50	1-50	
5	4130 - Aspen	High Density Pole	56.9	40	1-50	
6	4131 - Aspen, Oak	High Density Sapling	85.5	20		
8	42120 - Planted Jack Pine	High Density Pole	10.7	50	1-50	
9	42120 - Planted Jack Pine	High Density Pole	1.7	55		Plant to Red Pine
10	4123 - Red Oak	Medium Density Log	30.1	84	51-80	
11	4130 - Aspen	High Density Pole	37.3	50	141-170	
12	4131 - Aspen, Oak	High Density Pole	9.4	45		
14	4123 - Red Oak	High Density Log	23.7	100	51-80	
15	4130 - Aspen	High Density Sapling	11.8	10		
16	4130 - Aspen	Medium Density	1.2	10		
17	4123 - Red Oak	High Density Log	21.3	90	1-50	
18	4130 - Aspen	High Density Sapling	74.2	10		
19	42120 - Planted Jack Pine	High Density Pole	1.4	56		Plant Red Pine
20	4123 - Red Oak	High Density Log	35.6	100	81-110	
21	4130 - Aspen	High Density Sapling	43.7	20		

S t a n d	Cadillac Mgt. Unit		5 – Forested Stands			Compartment: 033
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Year of Entry: 2012
Data updated yesterday after 6:00 PM						
General Comments:						
23	4130 - Aspen	High Density Pole	81.0	20		
24	42110 - Planted Red Pine	Medium Density	49.7	50		
25	4130 - Aspen	High Density Pole	94.0	60	141-170	
27	4131 - Aspen, Oak	High Density Pole	36.8	20		
29	4199 - Other Mixed Upland Deciduous	Medium Density Log	9.5	80		browse
30	42120 - Planted Jack Pine	High Density Pole	19.5	55		Plant Red Pine
32	4124 - Red with White Oak	Medium Density Log	8.2	78	51-80	
33	4130 - Aspen	High Density Log	77.5	50	111-140	
34	4123 - Red Oak	High Density Log	27.4	90	111-140	
35	4130 - Aspen	High Density Pole	37.7	35		
36	4130 - Aspen	High Density Pole	66.2	50	81-110	
37	4130 - Aspen	High Density Pole	76.0	50		
38	4130 - Aspen	High Density Pole	36.8	55	111-140	
39	4119 - Mixed Northern Hardwoods	High Density Log	60.6	75	1-50	
41	4130 - Aspen	High Density Sapling	54.6	20		
42	4130 - Aspen	High Density Pole	85.4	50	1-50	
43	6117 - Lowland Deciduous, Mixed Coniferous	High Density Log	5.1	30	51-80	
44	4130 - Aspen	High Density Pole	7.1	40	111-140	



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Cadillac Mgt. Unit

5 – Forested Stands

Compartment: 033
Year of Entry: 2012

Data updated yesterday after 6:00 PM

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
45	6129 - Mixed Coniferous Lowland Forest	Medium Density Log	12.4	100		
46	4116 - Mixed N. Hardwood - Aspen	Low Density Pole	8.8	30		
47	4130 - Aspen	High Density Sapling	12.6	20		
48	4112 - Maple, Beech, Cherry Association	High Density Log	38.2	55	1-50	
50	4113 - R.Maple, Conifer	High Density Pole	4.1	50		
51	4112 - Maple, Beech, Cherry Association	Medium Density Log	3.9	80		
52	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	4.5	95		
53	42120 - Planted Jack Pine	High Density Pole	3.8	50		
55	4113 - R.Maple, Conifer	High Density Log	5.5	55		
56	4319 - Mixed Upland Forest	High Density Pole	1.7	50		Wildlife would like to non-commercial habitat cut.



Stand	Cover Type	Acres	Gen Cmts:
3	3102 - Grass	1.1	
7	3102 - Grass	1.3	
13	6229 - Mixed lowland shrub	1.7	
22	50 - Water	3.0	
26	3303 - Mixed Low Density Trees	3.3	
28	6225 - Bog	3.9	
31	3102 - Grass	4.2	
40	6225 - Bog	2.3	
49	50 - Water	7.2	
54	6239 - Mixed Emergent Wetland	9.8	



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.

Data updated yesterday after 6:00 PM

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.

Data updated yesterday after 6:00 PM

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.