



# Compartment Review Presentation

Cadillac Forest Management Unit

Compartment 21

Entry Year 2015

Acreage: 2,422

County Lake

Management Area: Lake County Moraines

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## Revision Date:

Stand Examiner: Mike Lesinski

## Legal Description:

T18N, R12W, SEC. 1, 2, 11, 12

## Identified Planning Goals:

Maintain cover type and age class diversity.

## Soil and topography:

Mostly Rubicon-Roselawn sands and Graycalm-Montcalm sands. The terrain is generally rolling to hilly.

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

This compartment is predominately state-owned land. The state land is generally in large blocks. The private ownership is mostly hunting type land which is undeveloped. The following parcels are recommended for acquisition if they become available for sale: The private parcels in the NE quarter of section 11.

## Unique Natural Features:

Eastern massasauga, great blue heron rookery, bald eagle, hooded warbler, eastern box turtle, spotted turtle, and hill's thistle have been found in this compartment. This compartment has the potential for northern goshawk, red-shouldered hawk, dusted skipper, grizzled skipper, red-legged spittlebug, hill's thistle, rough fescue, Alleghany plum, and pale agoseris.

## Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

## Special Management Designations or Considerations:

## Watershed and Fisheries Considerations:

There are no Fisheries concerns within this compartment. (M. Tonello, 9/11/2013).

## Wildlife Habitat Considerations:

This compartment is in the Newaygo Outwash Plain Ecosystem, LTA 1111. Soils in this LTA vary throughout the Subsection but are generally deep, excessively well drained sands and loamy sands with moisture availability limitations. Microsite variability and the spread of large fires from outwash plains appeared to create localized conditions favorable to a wide variety of plant communities. Wildlife objectives are to maintain the aspen type and upland brush areas will be created out of the oak type. Featured species of special interest are bear, deer, turkey, woodcock, and ruffed grouse. (E. Victory, 8/21/13)

## Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium and an end moraine of coarse-textured till. The glacial drift thickness varies between 400 and 600 feet. There is over 250 feet of local relief within the compartment. Beneath the glacial drift are the Pennsylvanian Saginaw Formation and the Mississippian Bayport Limestone. The Saginaw is quarried for clay/shale products and the Bayport for limestone in other areas of the State. A rock (?) quarry is indicated in Section 10 to the west. A gravel pit is located 3 miles southwest of the compartment and potential is considered good especially the upland areas. None of the compartment is leased for oil and gas development. (T. Hoane, 3/6/2013).

## Vehicle Access:

A forest road access plan is detailed on the compartment map. Identified are state and county roads as well as forest roads and trails under the jurisdiction of the DNR. Also indicated are forest roads and trails under the jurisdiction of the DNR that are proposed for closure. These roads were determined to be in excess of the access needs in the area, are a threat to the resources, or are a concern environmentally.

## Survey Needs:

None.

### **Recreational Facilities and Opportunities:**

The Tin Cup Springs ORV route, motorcycle trail, and undesignated equestrian trail are within this compartment. The Tin Cup Springs motorcycle trail is under Director's Order prohibiting vehicular use by ORV's larger than a motorcycle. Management considerations along the cycle trail should include tools that will keep the trail tread narrow. Tools include sporadic, well placed "leave trees" in areas where the route and cycle trail interface to dissuade unwanted larger ORV vehicles from entering the single track, or leaving unmerchantable vegetation along the cycle trail corridor to define narrow tread associated with these cycle trails. The undesignated equine trail is being considered for designation as an equine trail via the trail proposal process. All divisions will have the opportunity to determine whether designation is appropriate for this horse event trail. Timber management activities should include trail protection specifications for both the motorsport and horse trail, while also serving as an example of how sound timber harvesting methods can co-exist, and often improve recreation and wildlife experiences for future generations. (T.M.N. 7-3-13).

### **Fire Protection:**

Given the fuel type within the compartment, fire occurrence would be minimal. Along the ORV trail system, fire occurrence could be more of an issue. Access within the compartment is poor due to the poor 2 tracks and ORV trail. Private land holdings within the compartment could be a protection issue. (B. Tower, 2013).

### **Additional Compartment Information:**

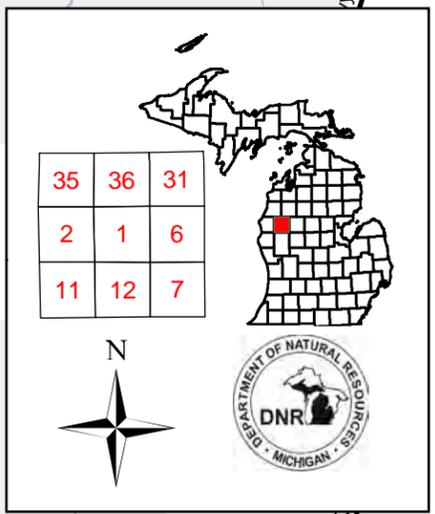
#### **The following reports from the Inventory are attached:**

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

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

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

Compartment: 021  
 T18N R11W  
 06 07  
 T18N R12W  
 01 02 11 12  
 County: Lake  
 Unit: Cadillac  
 YOE: 2015  
 Acres: 2,422 GIS Calculated  
 Examiner: Mike Lesinski  
 Map Revised: 10/02/2013  
 Map Phase: Pre-Review



# Cover Type & Treatment Map

**Stand #**  
 23  
**Stocking Density**  
 (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
- Trail (Non-Recreation)
- Closed Roads
- 🏍️ Motorcycle Trails (DNR License)
- 🏍️ ORV Routes
- 🏍️ Motorcycle (DNR Sticker)
- 🏍️ ORV Route
- Stream
- Intermittent Stream
- Lakes and Rivers
- State Forest Land

**Non-Forest Regeneration**

- Natural
- Planted

**Treatments**

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

**Forest Stands**

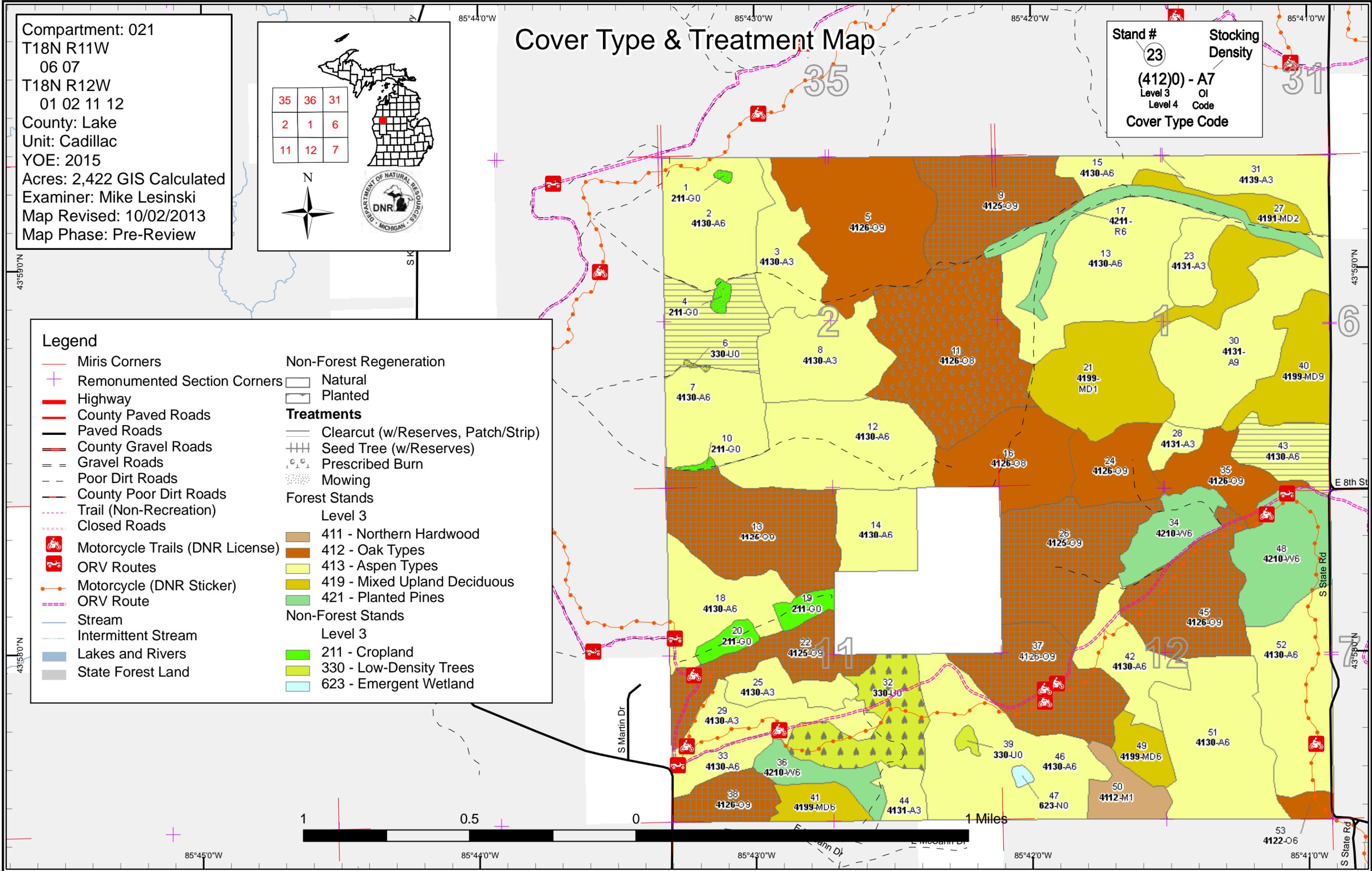
Level 3

- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines

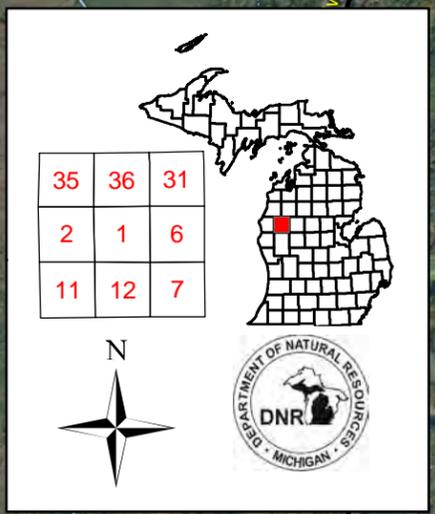
**Non-Forest Stands**

Level 3

- 211 - Cropland
- 330 - Low-Density Trees
- 623 - Emergent Wetland



Compartment: 021  
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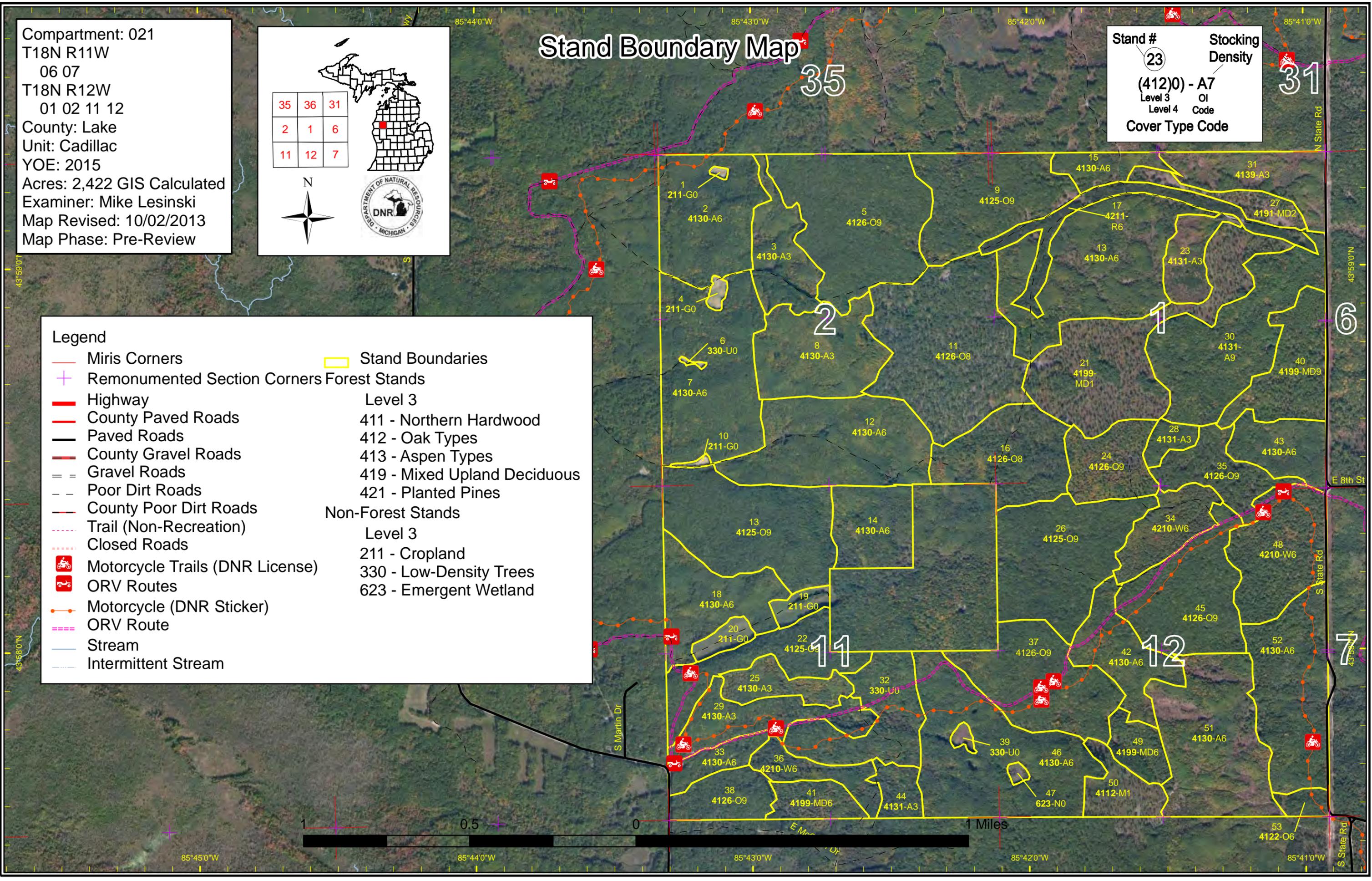
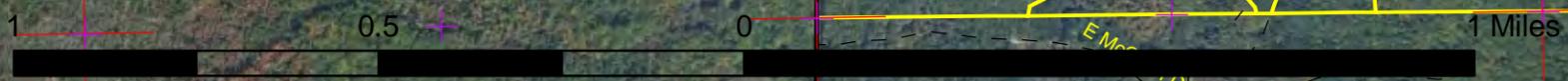


# Stand Boundary Map

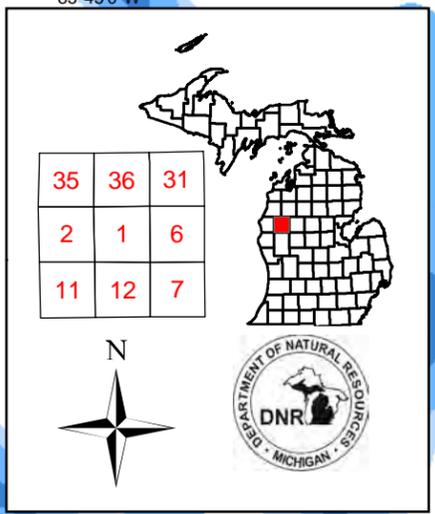
Stand # **23**  
 (4120) - A7  
 Level 3 OI  
 Level 4 Code  
 Cover Type Code

**Legend**

	Miris Corners		Stand Boundaries
	Remonumented Section Corners		Forest Stands
	Highway		Level 3
	County Paved Roads		411 - Northern Hardwood
	Paved Roads		412 - Oak Types
	County Gravel Roads		413 - Aspen Types
	Gravel Roads		419 - Mixed Upland Deciduous
	Poor Dirt Roads		421 - Planted Pines
	County Poor Dirt Roads		Non-Forest Stands
	Trail (Non-Recreation)		Level 3
	Closed Roads		211 - Cropland
	Motorcycle Trails (DNR License)		330 - Low-Density Trees
	ORV Routes		623 - Emergent Wetland
	Motorcycle (DNR Sticker)		
	ORV Route		
	Stream		
	Intermittent Stream		



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 06 07  
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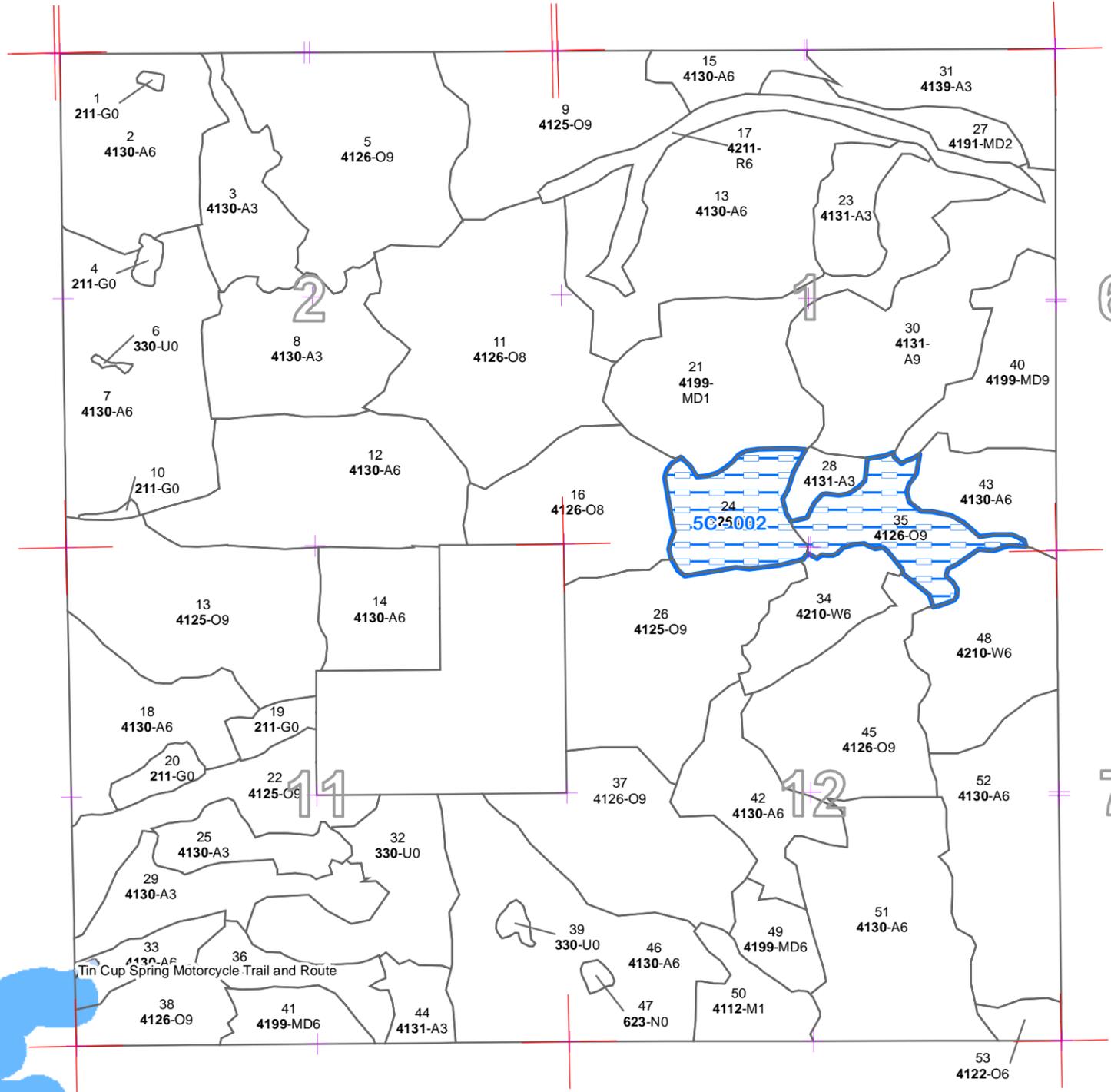


# Special Conservation Areas & Site Conditions Map

Stand #  
 23  
 (412)0 - A7  
 Level 3 OI  
 Level 4 Code  
 Cover Type Code

**Legend**

- Miris Corners
- Stand Boundaries
- Site Condition Available
- Available w/ Constraints (Factor - Number)
- Available Factors W/ Constraints
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Reviewable SCAs
- Proposed SCA
- SCA Removal
- Dedicated Special Conservation Areas
- High Priority Trout Stream Buffer



85°46'0"W 85°45'0"W 85°44'0"W 85°43'0"W 85°42'0"W 85°41'0"W

43°59'0"N

43°59'0"N

43°58'0"N

43°58'0"N

Report 1 – Total Acres by Cover Type and Age Class



	Age Class													Total	
	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120 +		Uneven Age
Aspen	0	339	487	205	104	31	0	0	0	0	0	0	0	0	1166
Cropland	22	0	0	0	0	0	0	0	0	0	0	0	0	0	22
Low-Density Trees	56	0	0	0	0	0	0	0	0	0	0	0	0	0	56
Marsh	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Mixed Upland Deciduous	99	63	18	0	0	0	0	17	0	0	0	0	0	0	197
Northern Hardwood	22	0	0	0	0	0	0	0	0	0	0	0	0	0	22
Oak	0	0	0	0	8	0	102	58	190	455	0	0	0	0	813
Red Pine	0	0	0	0	0	33	0	0	0	0	0	0	0	0	33
White Pine	0	0	0	31	0	81	0	0	0	0	0	0	0	0	111
<b>Total</b>	<b>201</b>	<b>402</b>	<b>505</b>	<b>236</b>	<b>111</b>	<b>144</b>	<b>102</b>	<b>75</b>	<b>190</b>	<b>455</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2422</b>



## Report 2 – Proposed Treatment Summaries

**Cadillac Mgt. Unit**  
**Year of Entry 2015**

**Compartment 021**  
**Total Compartment Acres: 2,422**

### Acres by Treatment Type

Commercial Harvest - 625	Tree Planting - 0	Other - 119
Habitat Cut - 0	Opening Maintenance - 6	

### Cover Type by Harvest Method

	<i>Clearcut</i>	<i>Selection</i>	<i>Seed Tree</i>	<i>Shelterwood</i>	<i>Thinning</i>	<i>Other - Specify</i>	<i>Total Acres</i>
<b>Aspen Types</b>	78	0	90	0	0	0	<b>168</b>
<b>Oak Types</b>	0	0	457	0	0	0	<b>457</b>
<b>Total</b>	<b>78</b>	<b>0</b>	<b>547</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>625</b>



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
7	63021007-Cut	46.9	4130 - Aspen	High Density Pole	39	1-50	Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal

Prescription Final Harvest. Harvest to include approximately 50% of original stand acreage. Leave scattered oak where applicable.

Specs:

Acceptable regeneration: Aspen/upland deciduous mix. Retention: Scattered oak.

Other Apply grouse specs to harvest. Protect wildlife opening. Treatment shapefile is a placeholder. Harvest area and acreage may differ from  
Comments: treatment area due to variable density and diameter.

Next  
Steps:

Proposed

Start Date: 10/01/2014

9	63021009-Cut	70.6	4125 - Black, N. Pin Oak	High Density Log	81	81-110	Harvest	Seed Tree with Reserves	412 - Oak	Cmpt. Review Proposal
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Prescription Harvest to BA of 10 to 20 square feet. Leave a representative mix of species.

Specs:

Retention: Residual stand BA. Acceptable Regeneration: Oak / upland deciduous mix

Other Protect integrity of horse trail.

Comments:

Next  
Steps:

Proposed

Start Date: 10/01/2014

13	63021013-Cut	90.5	4125 - Black, N. Pin Oak	High Density Log	93	81-110	Harvest	Seed Tree with Reserves	412 - Oak	Cmpt. Review Proposal
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Prescription Harvest to a residual BA of 20 to 30 square feet.

Specs:

Retention: Residual BA. Acceptable Regeneration: Oak / upland deciduous mix.

Other Timber sold as part of C21 Oak and Aspen sale.

Comments:

Next  
Steps:

Proposed

Start Date: 10/01/2014

13	63021013-Cut	90.5	4130 - Aspen	High Density Pole	29	51-80	Harvest	Seed Tree with Reserves	412 - Oak	Cmpt. Review Proposal
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Prescription Harvest to a residual BA of 20 to 30 square feet.

Specs:

Retention: Residual BA. Acceptable Regeneration: Oak / upland deciduous mix.

Other Timber sold as part of C21 Oak and Aspen sale.

Comments:

Next  
Steps:

Proposed

Start Date: 10/01/2014



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
22	63021022-Cut	45.1	4125 - Black, N. Pin Oak	High Density Log	96	81-110	Harvest	Seed Tree with Reserves	412 - Oak	Cmpt. Review Proposal
<u>Prescription</u> Harvest to a BA of 20 to 30 square feet.										
<u>Specs:</u> Retention: Residual BA. Acceptable Regeneration: Oak / Upland Deciduous mix.										
<u>Other</u> Protect tin cup trail.										
<u>Comments:</u>										
<u>Next</u>										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2014										
26	63021026-Cut	85.5	4125 - Black, N. Pin Oak	High Density Log	96	81-110	Harvest	Seed Tree with Reserves	412 - Oak	Cmpt. Review Proposal
<u>Prescription</u> Harvest to a residual BA of 10 to 20 square feet. Leave a representative mix of species. Expand aspen clones where applicable.										
<u>Specs:</u> Retention: Residual BA. Acceptable Regeneration: Oak / Mixed upland deciduous.										
<u>Other</u> Protect horse trail										
<u>Comments:</u>										
<u>Next</u>										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2014										
37	63021037-Cut	70.7	4126 - White, Black, N. Pin Oak	High Density Log	93	81-110	Harvest	Seed Tree with Reserves	412 - Oak	Cmpt. Review Proposal
<u>Prescription</u> Harvest to a residual BA 10 to 20 square feet. Leave a representative mix of species.										
<u>Specs:</u> Retention: Residual stand BA. Acceptable regeneration: Oak / upland deciduous mix.										
<u>Other</u> Protect tin cup ORV and horse trails.										
<u>Comments:</u>										
<u>Next</u>										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2014										
38	63021038-Cut	25.5	4126 - White, Black, N. Pin Oak	High Density Log	97	1-50	Harvest	Seed Tree with Reserves	412 - Oak	Cmpt. Review Proposal
<u>Prescription</u> Harvest to a residual BA of 10 to 20 square feet. Leave a representative mix of species.										
<u>Specs:</u> Retention: Residual stand BA. Acceptable Regeneration: Oak / upland deciduous mix.										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u>										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2014										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
43	63021043-Cut	30.7	4130 - Aspen	High Density Pole	53	81-110	Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
<u>Prescription</u> Final harvest. Leave a scattered oak where possible.										
<u>Specs:</u> Retention: Scattered oak. Acceptable regeneration: Aspen / mixed deciduous species.										
<u>Other</u> Protect tin cup trail. Apply grouse specs to timber sale.										
<u>Comments:</u>										
<u>Next</u> <u>Steps:</u>										
<u>Proposed</u> <u>Start Date:</u> 10/01/2014										
45	63021045-Cut	69.0	4126 - White, Black, N. Pin Oak	High Density Log	90	51-80	Harvest	Seed Tree with Reserves	412 - Oak	Cmpt. Review Proposal
<u>Prescription</u> Harvest to a BA of 10 to 20 square feet. Leave a representative mix of species.										
<u>Specs:</u> Retention: Residual BA. Acceptable Regeneration: Oak upland deciduous mix.										
<u>Other</u> Protect ORV and single track trails.										
<u>Comments:</u>										
<u>Next</u> <u>Steps:</u>										
<u>Proposed</u> <u>Start Date:</u> 10/01/2014										
11	63021011- Burn	119.4	4126 - White, Black, N. Pin Oak	Medium Density Log	87	51-80	Prescribed Burn	Unspecified	412 - Oak	Cmpt. Review Proposal
<u>Prescription</u> RX Burn to reduce red maple competition.										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> <u>Steps:</u>										
<u>Proposed</u> <u>Start Date:</u> Unspecified										
1	NF_63021001- NonFor	0.9	2113 - Forage Crops				Non-Forest Management	Mowing	31021 - Cool Season Grass	Cmpt. Review Proposal
<u>Prescription</u> Opening maintenance including disking, seeding, mowing and fertilizing										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> <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
4	NF_63021004- NonFor	2.8	2113 - Forage Crops				Non-Forest Management	Mowing	31021 - Cool Season Grass	Cmpt. Review Proposal
<u>Prescription</u> Opening maintenance including disking, seeding, mowing and fertilizing										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u>										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
6	NF_63021006- NonFor	0.7	3301 - Low Density Deciduous Trees				Non-Forest Management	Mowing	31021 - Cool Season Grass	Cmpt. Review Proposal
<u>Prescription</u> Opening maintenance including disking, seeding, mowing and fertilizing										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u>										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
10	NF_63021010- NonFor	1.4	2113 - Forage Crops				Non-Forest Management	Mowing	31021 - Cool Season Grass	Cmpt. Review Proposal
<u>Prescription</u> Opening maintenance including disking, seeding, mowing and fertilizing										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u>										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
<b>Total Treatment Acreage Proposed: 750.3</b>										



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

Prescription  
Specs:

Other  
Comment:

Next  
Steps:

Proposed  
Start Date: #Type!

Limiting Factor

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

## Report 5 – Site Conditions

Cadillac Mgt. Unit  
Mike Lesinski : Examiner

Compartment 021  
Year of Entry 2015

### Availability for Management

Availability for Management			Dominant Site Conditions		
Total Acres	Acres Available	Acres Not Available			
			No	5C	
1165	1165		<b>Aspen</b>	1,165	
197	197		<b>Mixed Upland Deciduous</b>	197	
22	22		<b>Northern Hardwood</b>	22	
812	812		<b>Oak</b>	744	69
33	33		<b>Red Pine</b>	33	
111	111		<b>White Pine</b>	111	
2,341	2,341		Total Forested Acres	2,272	69
	100%		Relative Percent		

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

Site No.	Dominant Site Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
002	Available	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	69				
<b>Comments:</b> Stands were previously thinned and are not fully stocked.							



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
<b>Tin Cup Spring Motorcycle Trail and Route</b>	Concentrated Recreation Area	Trail Head	SCA	
<b>Comments</b>				



**Report 7 – 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	Archaeological Site	An aquatic or terrestrial area of the State that contains physical remains of human occupation. These are sites of cultural and historical significance that may occur upon terrestrial areas and Great Lakes bottomlands. They include thousands of Native American settlements and burial sites, as well as French and British outposts, nineteenth century logging camps, mines and homesteads. Beneath the waters of the Great Lakes, there are shipwrecks and other remains documenting the maritime trade. Such sites may be identified by Natural heritage data from the State Historic Preservation Office. Proposed treatments in this compartment will be implemented in such a manner as to maintain the integrity of these sites. Due to the sensitive nature of this information, no further detail about location is available.
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.

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## Cadillac Mgt. Unit

## Report 8 – Forested Stands

Compartment: 021  
Year of Entry: 2015

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
2	4130 - Aspen	High Density Pole	68.4	39	51-80	
3	4130 - Aspen	High Density Sapling	37.4	19	1-50	
5	4126 - White, Black, N. Pin Oak	High Density Log	102.4	68	51-80	
7	4130 - Aspen	High Density Pole	99.0	39	1-50	
8	4130 - Aspen	High Density Sapling	61.4	19		
9	4125 - Black, N. Pin Oak	High Density Log	70.6	81	81-110	Decent quality oak. Some small aspen clones.
11	4126 - White, Black, N. Pin Oak	Medium Density Log	119.4	87	51-80	Thinned 2012. Filling in with red maple saplings.
12	4130 - Aspen	High Density Pole	89.4	27	81-110	
13	4130 - Aspen	High Density Pole	106.5	29	51-80	Variable ages and diameters throughout stand.
13	4125 - Black, N. Pin Oak	High Density Log	90.5	93	81-110	Timber already sold as part of C21 aspen and oak sale.
14	4130 - Aspen	High Density Pole	37.7	33	51-80	Decent pole stand.
15	4130 - Aspen	High Density Pole	16.8	28	51-80	
16	4126 - White, Black, N. Pin Oak	Medium Density Log	57.7	73	51-80	East half of stand thinned 2006.
17	42110 - Planted Red Pine	High Density Pole	32.8	56	141-170	
18	4130 - Aspen	High Density Pole	49.4	27	81-110	
21	4199 - Other Mixed Upland Deciduous	Low Density Sapling	99.0	7		Harvested 2006. Stand RX burned in 2012 to set back maple.
22	4125 - Black, N. Pin Oak	High Density Log	45.1	96	81-110	Timber already sold as part of C21 aspen and oak.
23	4131 - Aspen, Oak	High Density Sapling	22.1	18		Harvested 1995.

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## Cadillac Mgt. Unit

## Report 8 – Forested Stands

Compartment: 021  
Year of Entry: 2015

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
24	4126 - White, Black, N. Pin Oak	High Density Log	35.0	93		Stand thinned 2006.
25	4130 - Aspen	High Density Sapling	22.0	18		Harvested 1995.
26	4125 - Black, N. Pin Oak	High Density Log	85.5	96	81-110	Higher quality oak.
27	4191 - Mixed Upland Deciduous with Conifer	Medium Density	17.1	18		Harvested 1995. Scattered overstory oak.
28	4131 - Aspen, Oak	High Density Sapling	9.1	19	1-50	
29	4130 - Aspen	High Density Sapling	40.0	18		Some pockets of older oak.
30	4131 - Aspen, Oak	High Density Log	88.1	45	51-80	Spotty oak and aspen clones.
31	4139 - Aspen, Mixed Deciduous	High Density Sapling	41.3	18		Stand harvested 1995.
33	4130 - Aspen	High Density Pole	15.6	40	81-110	
34	42101 - Planted White Pine, Mixed Deciduous	High Density Pole	30.6	38	51-80	Stand thinned 1995. Canopy gaps filled in with red maple.
35	4126 - White, Black, N. Pin Oak	High Density Log	33.7	93	51-80	Stand thinned 2006. Heavy red maple filling in canopy gaps.
36	42101 - Planted White Pine, Mixed Deciduous	High Density Pole	21.7	57	81-110	
37	4126 - White, Black, N. Pin Oak	High Density Log	70.7	93	81-110	Poorer quality.
38	4126 - White, Black, N. Pin Oak	High Density Log	25.5	97	1-50	Poorer quality oak.
40	4199 - Other Mixed Upland Deciduous	High Density Log	45.9	16	1-50	Thinned 1997. Canopy gaps filled in with red maple.
41	4199 - Other Mixed Upland Deciduous	High Density Pole	18.1	29	1-50	Stand harvested mid 1980's
42	4130 - Aspen	High Density Pole	39.8	29	51-80	Variable BA and diameter. Some patchy openings.
43	4130 - Aspen	High Density Pole	30.7	53	81-110	Final harvest.

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## Cadillac Mgt. Unit

## Report 8 – Forested Stands

Compartment: 021  
Year of Entry: 2015

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
<b>44</b>	4131 - Aspen, Oak	High Density Sapling	13.4	18		harvested 1995
<b>45</b>	4126 - White, Black, N. Pin Oak	High Density Log	69.0	90	51-80	
<b>46</b>	4130 - Aspen	High Density Pole	107.6	29	51-80	Variable composition and diameter.
<b>48</b>	42101 - Planted White Pine, Mixed Deciduous	High Density Pole	58.9	57	81-110	
<b>49</b>	4199 - Other Mixed Upland Deciduous	High Density Pole	17.4	76	1-50	Stand thinned mid 1990's. Overstory oak that has filled in with red maple clumps.
<b>50</b>	4112 - Maple, Beech, Cherry Association	Low Density Sapling	22.3	5		Stand harvested 2008.
<b>51</b>	4130 - Aspen	High Density Pole	92.1	19	1-50	
<b>52</b>	4130 - Aspen	High Density Pole	77.6	28	51-80	
<b>53</b>	4122 - Oak, Pine	High Density Pole	7.7	48	51-80	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
1	2113 - Forage Crops	0.9	Yes	High	Cultivated wildlife opening.
4	2113 - Forage Crops	2.8	Yes	High	
6	3301 - Low Density Deciduous Tree	0.7	Yes	High	Cultivated wildlife opening.
10	2113 - Forage Crops	1.4	Yes	High	Cultivated wildlife opening.
19	2113 - Forage Crops	8.6	Yes	Unspecified	Cultivated wildlife opening.
20	2113 - Forage Crops	8.3	Yes	High	Cultivated wildlife opening.
32	3301 - Low Density Deciduous Tree	52.3	Natural Regen	Oak	Harvested 2012. Scattered overstory oak.
39	3301 - Low Density Deciduous Tree	2.6	No	Unspecified	Wet area
47	6239 - Mixed Emergent Wetland	1.9	No	Unspecified	