

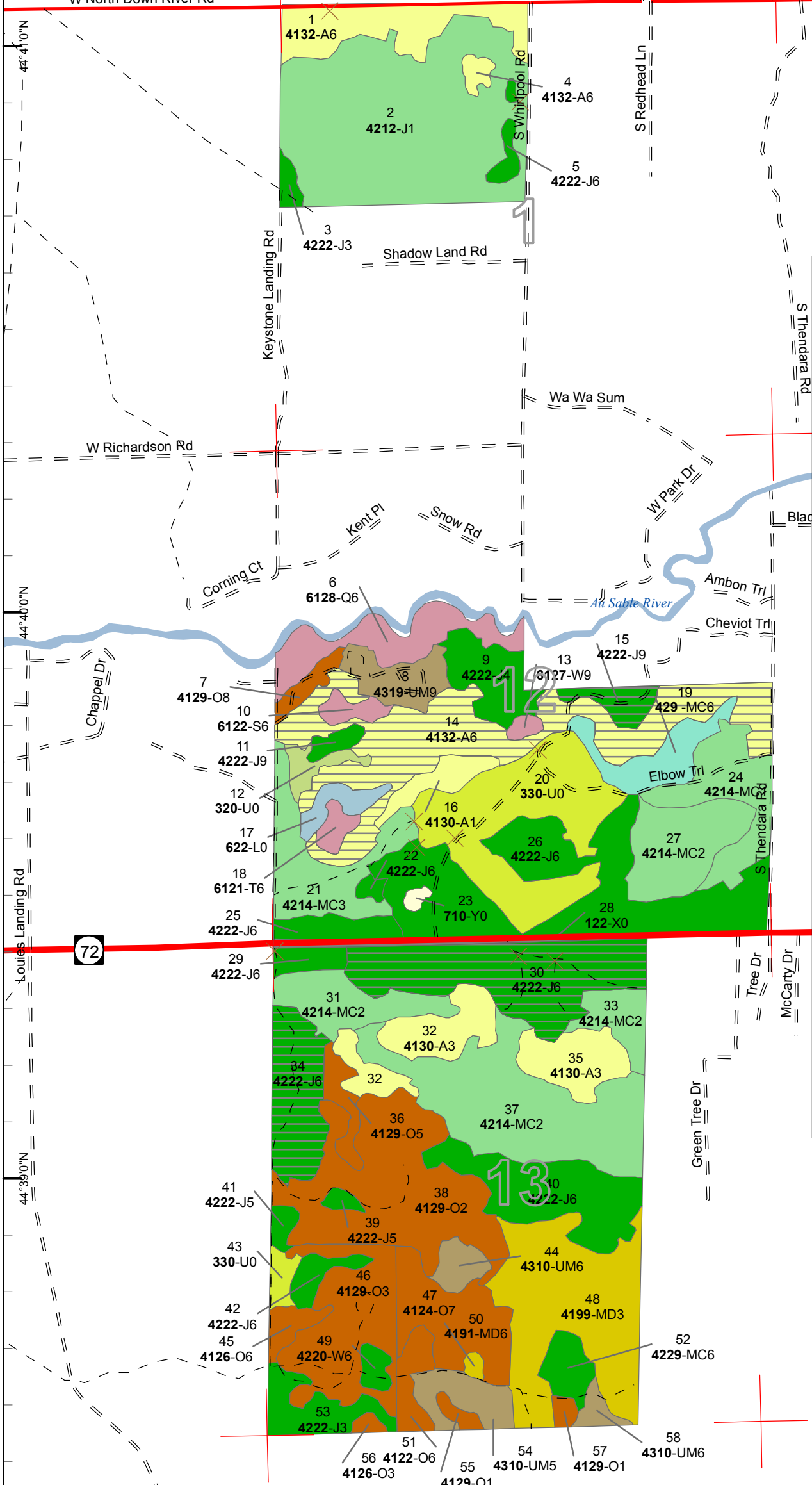
# Cover Type & Treatment Map

Compartment 236  
 T26N, R03W, Sec. 1, 12, 13  
 County: Crawford  
 Unit: Grayling  
 YOE: 2011  
 Acres: 985 GIS Calculated  
 Stand Examiner: Craig Farrer  
 Map Revised: 1/08/2010  
 Map Phase: Post-Review

1  
 12  
 13

N

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



### Legend

- Miris Corners
- Highway
- County Paved Roads
- Gravel Roads
- Poor Dirt Roads
- Intermittent Stream/Drain
- Stream
- Berms
- State Highway
- Lakes and Rivers

### Treatments

- Clearcut (w/Reserves, Patch/Strip)

### Forest Stands

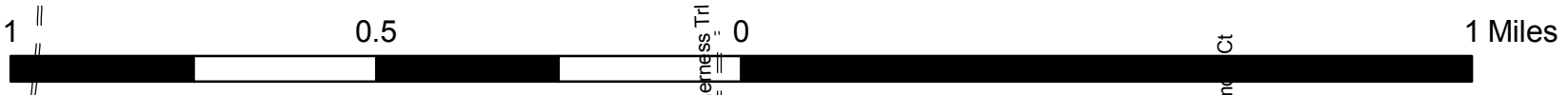
Level 3

- 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
- 320 - Upland Shrub
- 330 - Low-Density Trees
- 622 - Lowland Shrub
- 710 - Sand, Soil



84°38'0"W 84°37'0"W 84°36'0"W  
 44°41'0"N 44°40'0"N 44°39'0"N

# Stand Boundary Map

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

**Legend**

- Miris Corners
- Highway
- County Paved Roads
- Gravel Roads
- Poor Dirt Roads
- Intermittent Stream/Drain
- Stream
- Berms
- State Highway
- Stand Boundaries

**Forest Stands**

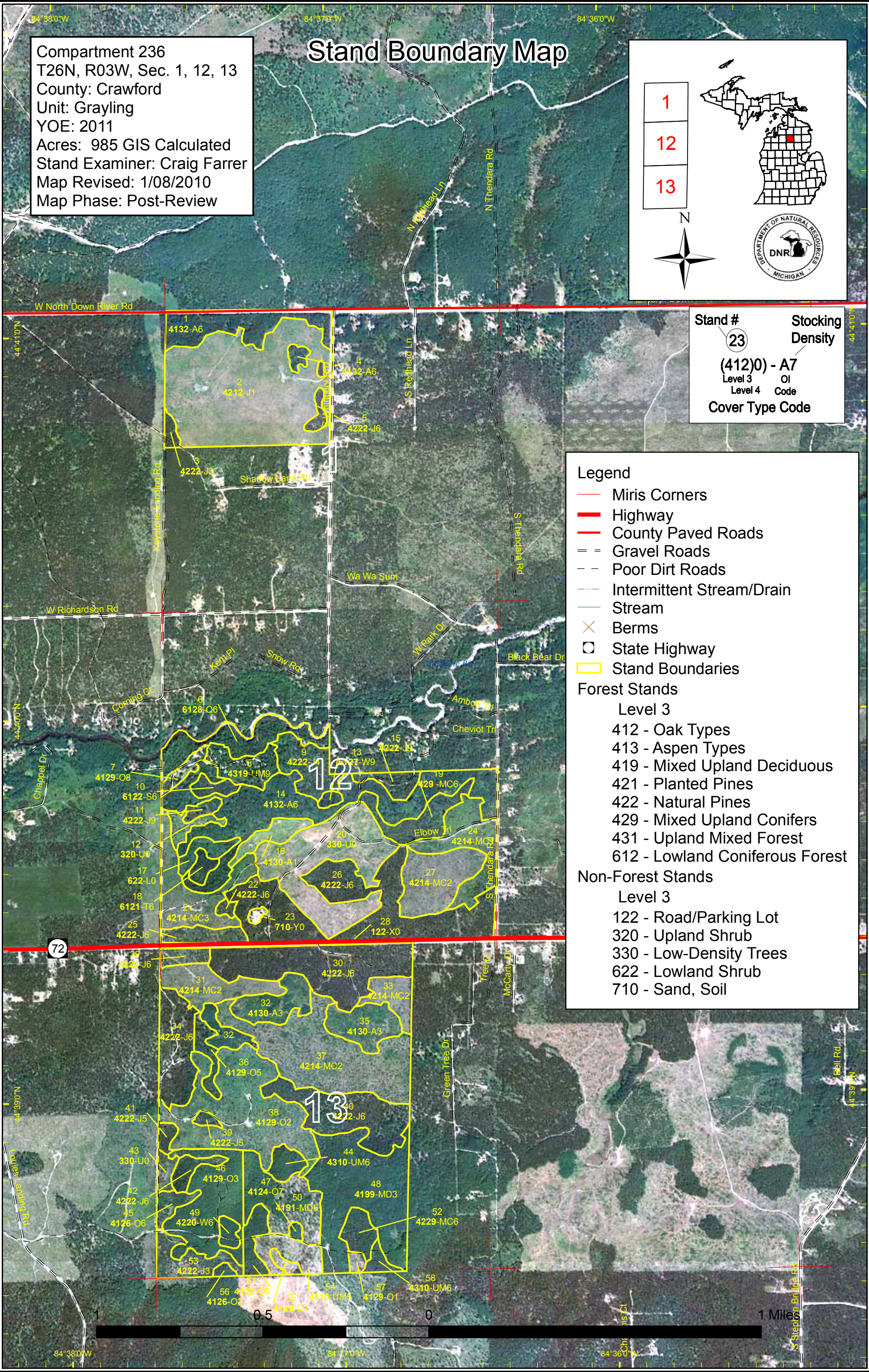
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**Non-Forest Stands**

Level 3

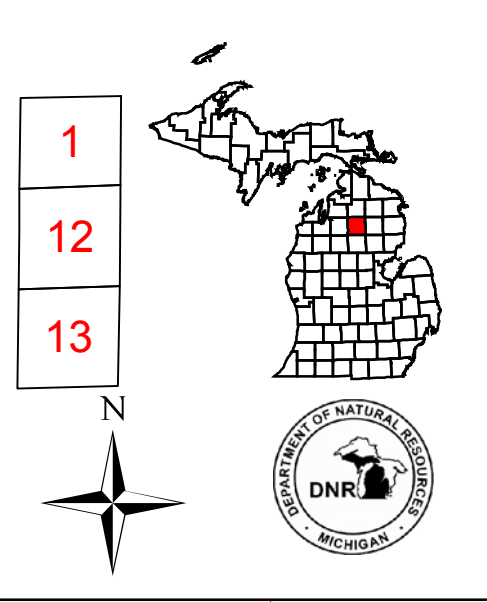
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- 330 - Low-Density Trees
- 622 - Lowland Shrub
- 710 - Sand, Soil



# Dedicated & Proposed Special Conservation Area Map

84°35'0"W

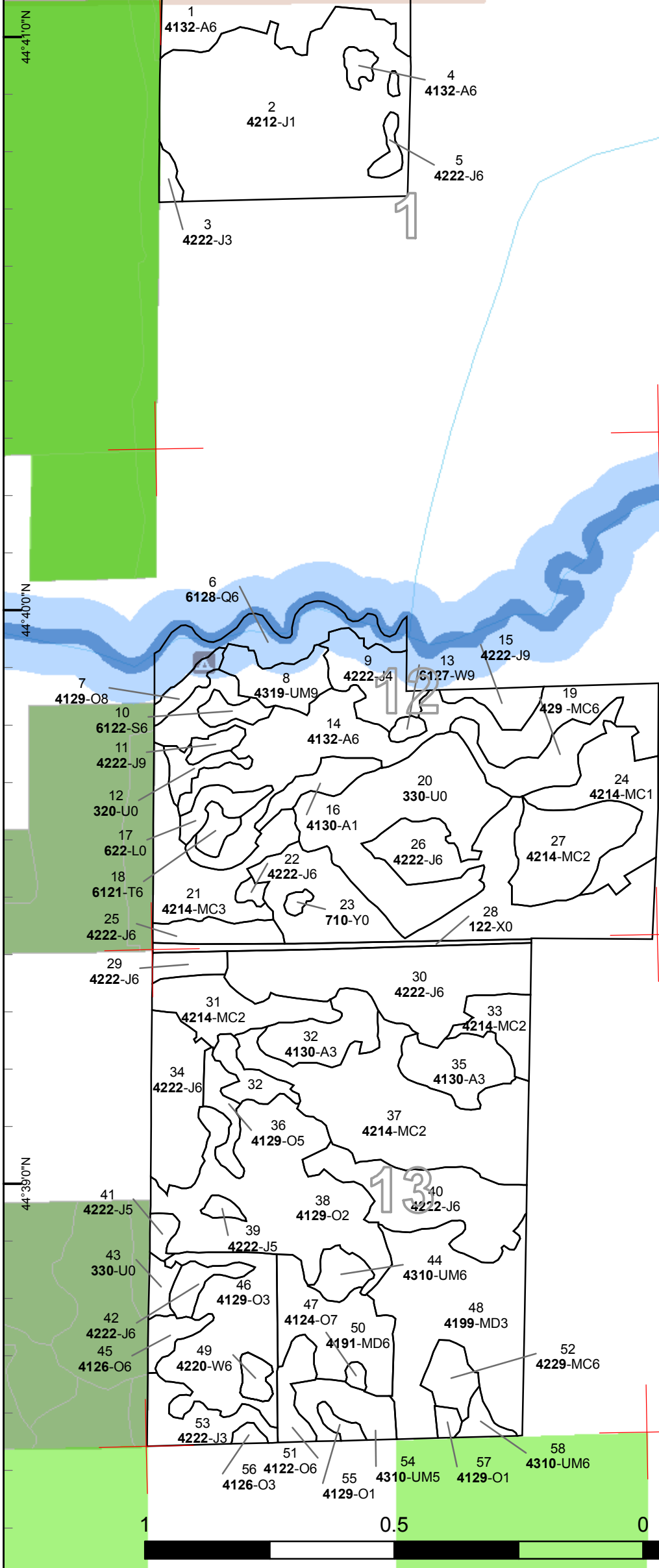
Compartment 236  
 T26N, R03W, Sec. 1, 12, 13  
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 Map Phase: Post-Review



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

**Legend**

- Miris Corners
- Stand Boundaries
- Dedicated Special Conservation Areas**
- Cold Water Streams
- Natural Rivers Vegetative Buffer
- Natural Rivers Zoning District
- Kirtland Warbler Habitat
- OI Special Conservation Areas
- Research, Development, and Military Lands
- ▲ Campgrounds
- Forest Stands**
- Level 3
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
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- 429 - Mixed Upland Conifers
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- Non-Forest Stands**
- Level 3
- 122 - Road/Parking Lot
- 320 - Upland Shrub
- 330 - Low-Density Trees
- 622 - Lowland Shrub
- 710 - Sand, Soil



1 Miles

84°37'0"W

84°36'0"W

84°35'0"W

44°41'0"N

44°40'0"N

44°39'0"N

44°41'0"N

44°40'0"N

44°39'0"N

**Covertypes, Acres, and Age summary**  
(Level 3 Cover Type)



	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 Types	0	7	35	0	27	0	67	0	0	0	0	0	0	0	0	137
Low-Density Trees	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56
Lowland Coniferous Forest	0	0	0	0	0	4	0	0	0	0	2	3	0	21	0	30
Lowland Shrub	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Mixed Upland Conifers	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	14
Mixed Upland Deciduous	0	0	0	57	0	0	0	0	0	0	0	0	0	0	1	58
Natural Pines	0	0	15	14	2	47	34	122	0	9	0	0	0	0	0	243
Oak Types	0	64	0	40	0	7	0	0	6	24	4	0	0	0	0	145
Planted Pines	0	98	156	0	0	0	0	0	0	0	0	0	0	0	0	254
Road/Parking Lot	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Sand, Soil	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Upland Mixed Forest	0	0	0	3	0	6	0	0	0	0	12	0	0	0	11	31
Upland Shrub	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
<b>Total</b>	<b>73</b>	<b>169</b>	<b>207</b>	<b>113</b>	<b>29</b>	<b>78</b>	<b>101</b>	<b>122</b>	<b>6</b>	<b>33</b>	<b>18</b>	<b>3</b>	<b>0</b>	<b>21</b>	<b>12</b>	<b>985</b>

**PROPOSED TREATMENTS  
NO LIMITING FACTORS**



S t a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Page 1 of 1
14	72236014-Cut	67.2	4132 - Aspen, Jack Pine	High Density Pole	52	Harvest	Clearcut with Reserves	Aspen, Mixed Conifer	
<p><u>Other</u> <u>Comments:</u></p> <p><u>Prescription</u> Final harvest all Apen, Red Maple and Jack Pine, but leave all White Pine, Spruce and Balsam Fir in this portion of the stand. Stand is on a high <u>Specs:</u> water table and should be cut in late fall or winter to avoid any rutting. Recommend leaving no Aspen, Red Ma</p> <p><u>Next</u> Evaluate in 3 years with an regeneration survey. Will accept a mix of species. <u>Steps:</u></p>									
15	72236015-Cut	6.2	42220 - Natural Jack Pine	High Density Log	89	Harvest	Clearcut with Reserves	Natural White Pine	
<p><u>Other</u> Corner and blue line partially in along private. Private landowner should be informed as to what we are doing. <u>Comments:</u></p> <p><u>Prescription</u> Cut all Jack Pine requardless of size, but leave Red Pine, White Pine Saw and Pole timber and protect as much of the White Pine regeneration <u>Specs:</u> for visual and seed source.</p> <p><u>Next</u> Regeneration as to Work specifications. Will accept an other regeneration that comes into stand. <u>Steps:</u></p>									
30	72236030-Cut	45.9	42220 - Natural Jack Pine	High Density Pole	65	Harvest	Clearcut with Reserves	Planted Jack Pine	
<p><u>Other</u> <u>Comments:</u></p> <p><u>Prescription</u> Final harvest Jack Pine, Red Pine and Oak within the stand, accept leave all Red Pine within 5 chains from M-72 East. Include standard <u>Specs:</u> retention within the stand in the form of a patch or two of an acre in size. Leave the red pine in the strip along M-72</p> <p><u>Next</u> Ater harvest, trench and plant stand to Jack Pine. <u>Steps:</u></p>									
34	72236034-Cut	22.3	42220 - Natural Jack Pine	High Density Pole	47	Harvest	Clearcut with Reserves	Planted Jack Pine	
<p><u>Other</u> Pursue Director's Order to close trail road through stands after sale. <u>Comments:</u></p> <p><u>Prescription</u> Final harvest the Jack Pine and mixed Oak within the stand and use standard retention guidelines. Stand is some what rolling terrain and borders <u>Specs:</u> private property on the west side. Stand also includes a small bog in the south end of the it. Trench and pla</p> <p><u>Next</u> After harvest is complete, stand needs to be trench and planted to Jack Pine. <u>Steps:</u></p>									
<b>Total Treatment Acreage Proposed:</b>		<b>141.5</b>							

**PROPOSED TREATMENTS  
WITH LIMITING FACTORS**



S  
t  
a  
n  
d

Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Page 1 of 1
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Other Comment:

Prescription Specs:

Next Steps:

Limiting Factor and No Treatment Reason

**Total Treatment Acreage Proposed: 0**



**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.

Inventory Method: IFMAP

Stand	SCA Name	Acres	Comments



**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 typ
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.