



**Baraga Forest Management Unit  
Compartment Review Presentation  
Compartment #21                      Entry Year: 2014  
Compartment Acreage: 2630    County: Baraga**

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**Revision Date:** 7/18/2012

**Stand Examiner:** Jason Mittlestat, Brad Carlson

**Legal Description:** T48N R32W Sec 8, 17, 18, 20, 21; T48N R33W Sec 12, 13

**Identified Planning Goals ('Management Area' or 'RMU', if applicable):** Covington / Ned Lake

**Management Goals:** To maintain a healthy; sustainable forest with special consideration to wildlife habitat, fisheries habitat, and recreational needs.

**Soil and Topography:** The compartment is level to rolling. Soils are Champion cobbly silt loam, Michigamme cobbly silt loam, Witbeck and Tacoosh mucks.

**Ownership Patterns, Development, and Land Use in and Around the Compartment:** Most adjacent land is owned by the forest industry.

**Unique, Natural Features:** Pelkie and Tioga Creeks flow through this compartment. The Tioga Roadside Park is on the north border of the compartment and US – 41.

**Archeological, Historical, and Cultural Features:** None listed.

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

**Watershed and Fisheries Considerations:** Pelkie and Tioga Creeks are narrow rocky trout streams. Normal BMP's should be followed.

**Wildlife Habitat Considerations:** Compartment 21 is found in the Covington/Ned Lake Management Area which is mostly Ground Moraines in Southern Baraga County. The dominant forest communities are mesic northern forests and conifer swamps. This management area receives significant snowfall each year and does not offer wintering habitat for deer. As a result, many tree species that do not reliably recruit across all management areas in the ecoregion are found in numerous age classes across this management area. It is also in the heart of the Western Upper Peninsula moose country due to the spatial arrangement of lowlands

and uplands conifer forests that provide summer and winter thermal cover near aspen, hardwood and aquatic feeding sites. Compartment 21 in particular provides some excellent movement corridors and feeding and loafing sites for moose

The following have been identified, as featured species for the Covington/Ned Lake Management Area: American Marten, Black Bear, Gray Jay, Moose, and Northern Goshawk.

**Mineral Resource and Development Concerns and/or Restrictions:**

Surface sediments consist of coarse-textured glacial till to the north and to the south an end moraine of coarse textured till and minor peat and muck. There is insufficient data to determine the Glacial Drift thickness. The Precambrian Michigamme Formation subcrops below the glacial drift. There is not a current economic use for the Michigamme. The nearest gravel pit is located in Section 17. Gravel potential appears to be good. The closest iron mines are eight miles to the northwest and have been abandoned. State land to the north of the compartment has been leased, in the past, for metallic exploration. There is no economic oil and gas production in the UP.

**Vehicle Access:** US 41 / M 28 form the north edge of the compartment. The King Lake county road provides some access. The remainder of the access is from old logging roads.

**Survey Needs:** Survey work will be needed to facilitate timber harvest activities.

**Recreational Facilities and Opportunities:** The state has a future interest in the rail road grade running through the compartment.

**Fire Protection:** This is not a fire prone area.

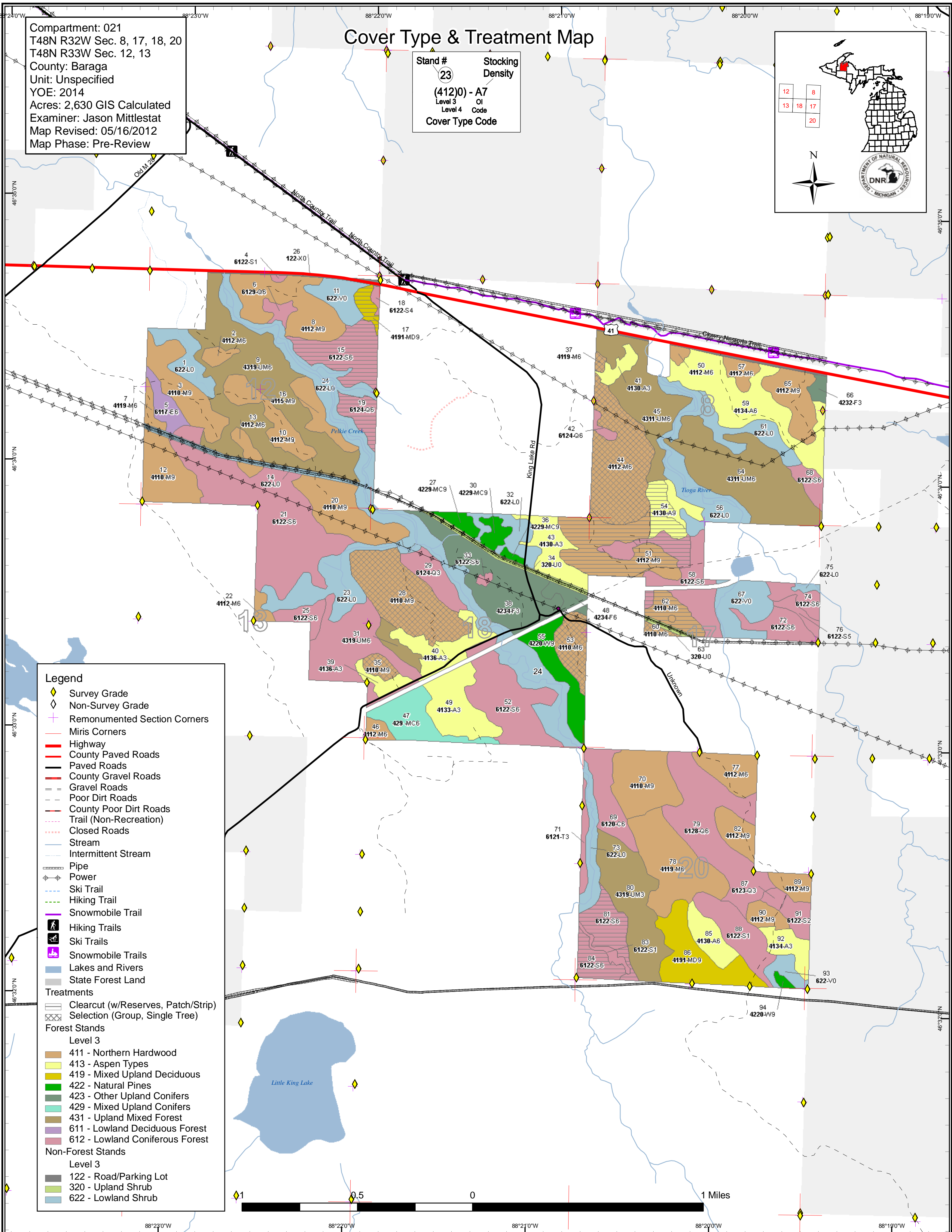
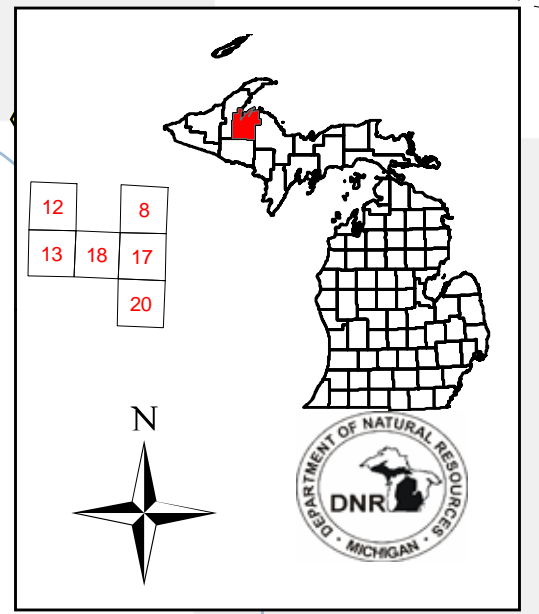
**Additional Compartment Information:** There are no proposed SCA's for this compartment.

- **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

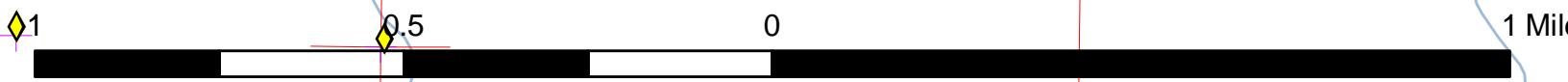
Compartment: 021  
 T48N R32W Sec. 8, 17, 18, 20  
 T48N R33W Sec. 12, 13  
 County: Baraga  
 Unit: Unspecified  
 YOE: 2014  
 Acres: 2,630 GIS Calculated  
 Examiner: Jason Mittlestat  
 Map Revised: 05/16/2012  
 Map Phase: Pre-Review

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



## Legend

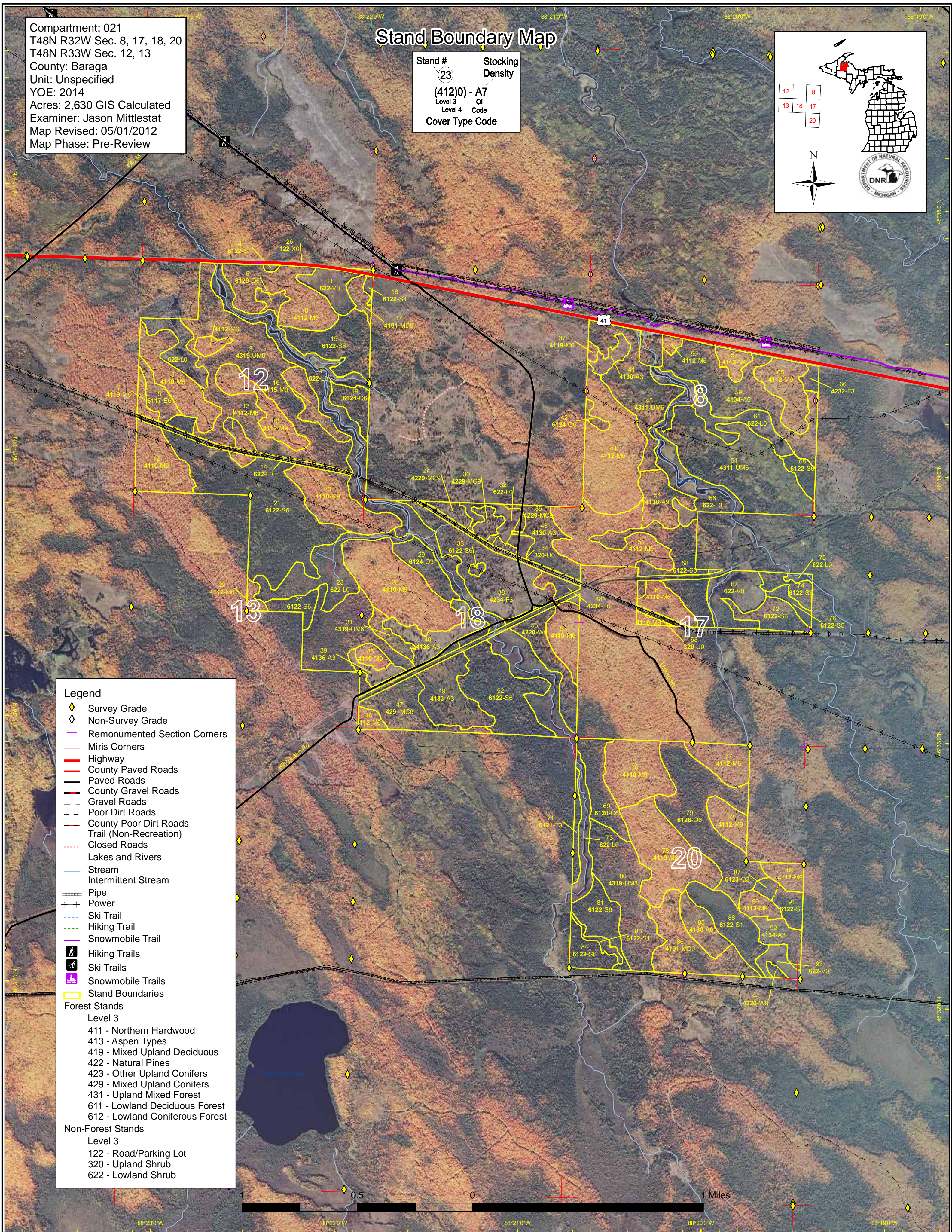
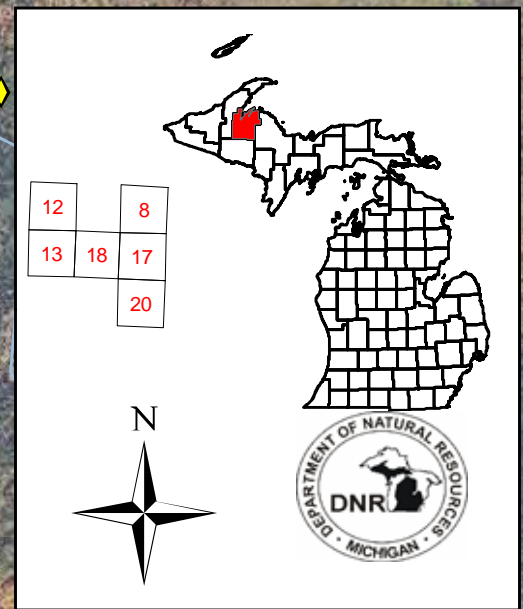
- ◆ Survey Grade
  - ◇ Non-Survey Grade
  - ⊕ Remonumented Section Corners
  - ⊕ Miris Corners
  - Highway
  - County Paved Roads
  - Paved Roads
  - County Gravel Roads
  - Gravel Roads
  - Poor Dirt Roads
  - County Poor Dirt Roads
  - Trail (Non-Recreation)
  - Closed Roads
  - Stream
  - Intermittent Stream
  - Pipe
  - Power
  - Ski Trail
  - Hiking Trail
  - Snowmobile Trail
  - Hiking Trails
  - Ski Trails
  - Snowmobile Trails
  - Lakes and Rivers
  - State Forest Land
- Treatments**
- Clearcut (w/Reserves, Patch/Strip)
  - Selection (Group, Single Tree)
- Forest Stands**
- Level 3
- 411 - Northern Hardwood
  - 413 - Aspen Types
  - 419 - Mixed Upland Deciduous
  - 422 - Natural Pines
  - 423 - Other Upland Conifers
  - 429 - Mixed Upland Conifers
  - 431 - Upland Mixed Forest
  - 611 - Lowland Deciduous Forest
  - 612 - Lowland Coniferous Forest
- Non-Forest Stands**
- Level 3
- 122 - Road/Parking Lot
  - 320 - Upland Shrub
  - 622 - Lowland Shrub



# Stand Boundary Map

Compartment: 021  
 T48N R32W Sec. 8, 17, 18, 20  
 T48N R33W Sec. 12, 13  
 County: Baraga  
 Unit: Unspecified  
 YOE: 2014  
 Acres: 2,630 GIS Calculated  
 Examiner: Jason Mittlestat  
 Map Revised: 05/01/2012  
 Map Phase: Pre-Review

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

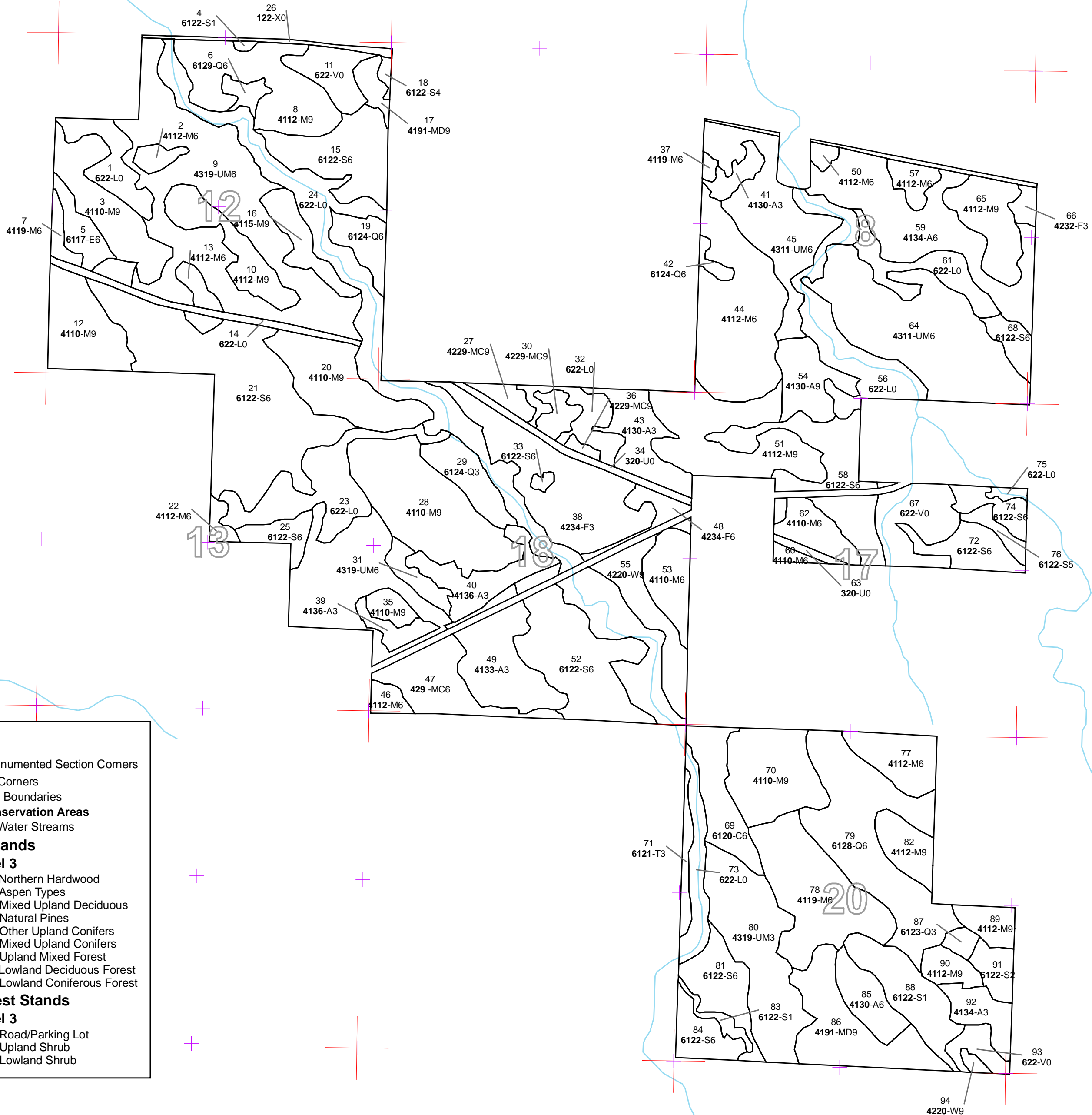
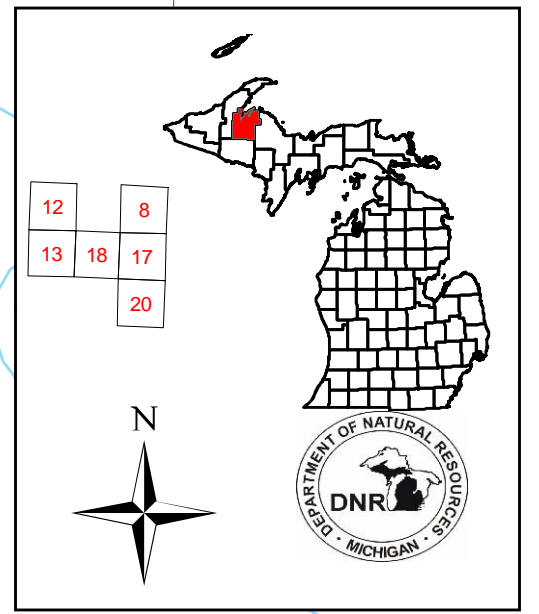


- Legend**
- ◆ Survey Grade
  - ◇ Non-Survey Grade
  - ✚ Remonumented Section Corners
  - Miris Corners
  - Highway
  - County Paved Roads
  - Paved Roads
  - County Gravel Roads
  - Gravel Roads
  - Poor Dirt Roads
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  - Lakes and Rivers
  - Stream
  - Intermittent Stream
  - Pipe
  - Power
  - Ski Trail
  - Hiking Trail
  - Snowmobile Trail
  - Hiking Trails
  - Ski Trails
  - Snowmobile Trails
  - Stand Boundaries
- Forest Stands**
- Level 3
- 411 - Northern Hardwood
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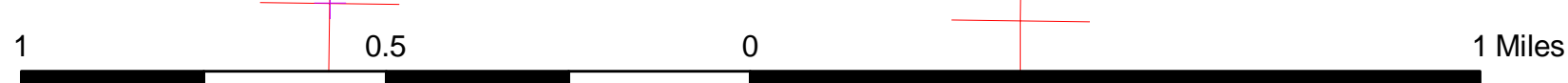
# Dedicated & Proposed Special Conservation Area Map

Compartment: 021  
 T48N R32W Sec. 8, 17, 18, 20  
 T48N R33W Sec. 12, 13  
 County: Baraga  
 Unit: Unspecified  
 YOE: 2014  
 Acres: 2,630 GIS Calculated  
 Examiner: Jason Mittlestat  
 Map Revised: 05/01/2012  
 Map Phase: Pre-Review

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



- Legend**
- ⊕ Remonumented Section Corners
  - ⊕ Miris Corners
  - Stand Boundaries
  - Special Conservation Areas**
  - Cold Water Streams
  - Forest Stands**
  - Level 3**
  - 411 - Northern Hardwood
  - 413 - Aspen Types
  - 419 - Mixed Upland Deciduous
  - 422 - Natural Pines
  - 423 - Other Upland Conifers
  - 429 - Mixed Upland Conifers
  - 431 - Upland Mixed Forest
  - 611 - Lowland Deciduous Forest
  - 612 - Lowland Coniferous Forest
  - Non-Forest Stands**
  - Level 3**
  - 122 - Road/Parking Lot
  - 320 - Upland Shrub
  - 622 - Lowland Shrub



88°23'0"W 88°22'0"W 88°21'0"W 88°20'0"W 88°19'0"W

46°33'0"N

46°34'0"N

46°33'0"N

46°32'0"N

46°33'0"N

46°34'0"N

46°33'0"N

46°32'0"N

**Table 1 – Total Acres by Cover Type and Age Class**



	Age Class														Total
	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120 +	Uneven Age	
Aspen	42	85	0	92	0	0	0	0	0	24	0	0	0	0	243
Bog	59	0	0	0	0	0	0	0	0	0	0	0	0	0	59
Cedar	0	0	0	0	0	0	0	0	0	0	28	0	0	0	28
Lowland Conifers	0	24	0	0	0	0	0	4	21	0	0	85	0	0	134
Lowland Deciduous	0	0	0	0	0	0	0	0	13	0	0	0	0	0	13
Lowland Shrub	318	0	0	0	0	0	0	0	0	0	0	0	0	0	318
Lowland Spruce/Fir	0	0	0	0	5	0	0	7	358	123	0	0	0	0	493
Mixed Upland Deciduous	0	0	0	0	0	0	0	47	7	0	0	0	0	0	54
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	17	0	0	0	0	17
Northern Hardwood	0	0	0	0	0	6	25	25	7	40	0	0	0	610	713
Tamarack	0	0	0	0	7	0	0	0	0	0	0	0	0	0	7
Upland Conifers	0	0	0	0	32	0	0	0	0	0	0	0	0	0	32
Upland Mixed Forest	0	66	0	167	0	0	0	0	133	0	0	0	0	0	365
Upland Shrub	14	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Upland Spruce/Fir	69	0	0	5	0	10	0	0	0	0	0	0	0	0	83
Urban	12	0	0	0	0	0	0	0	0	0	0	0	0	0	12
White Pine	0	0	0	0	0	0	0	2	0	41	0	0	0	0	44
<b>Total</b>	<b>514</b>	<b>176</b>	<b>0</b>	<b>264</b>	<b>44</b>	<b>16</b>	<b>25</b>	<b>84</b>	<b>540</b>	<b>245</b>	<b>28</b>	<b>85</b>	<b>0</b>	<b>610</b>	<b>2630</b>



## Table 2 – Proposed Treatment Summaries

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

**Compartment 021**  
**Total Compartment Acres: 2630**

### Acres by Treatment Type

Commercial Harvest - 385	Site Prep - 0	Tree Planting - 0	Prescribed Burn - 0	Other - 0
Habitat Cut - 0	Opening Maintenance - 0	Tree Seeding - 0	Pesticide - 0	

### Cover Type by Harvest Method

		Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
<b>Aspen</b>	16	0	0	0	0	0	0	<b>16</b>
<b>Lowland Conifers</b>	15	0	0	0	0	0	0	<b>15</b>
<b>Lowland Spruce/Fir</b>	94	0	0	0	0	0	0	<b>94</b>
<b>Mixed Upland Deciduous</b>	7	0	0	0	0	0	0	<b>7</b>
<b>Northern Hardwood</b>	71	181	0	0	0	0	0	<b>253</b>
<b>Total</b>	<b>204</b>	<b>181</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>385</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
15	11021015-Cut	40.5	6122 - Black Spruce	High Density Pole	82	81-110	Harvest	Clearcut with Reserves	6124 - Lowland Spruce-Fir	Cmpt. Review Proposal
<u>Prescription</u> Final Harvest. Harvest all species down to 2 inches DBH except cedar, red pine, white pine, and hemlock if present. No spruce or fir is to be retained. A secondary MO of balsam fir and black spruce is ok. While cruising if any wind firm large white spruce (16"+ DBH) are found, leave tree mark them at 1 to 3 per acre where present. <u>Specs:</u> <u>Other</u> <u>Comments:</u> <u>Next</u> Check for adequate regeneration within 5 years of harvest completion. <u>Steps:</u> <u>Proposed</u> <u>Start Date:</u> 10/01/2013										
17	11021017-Cut	7.4	4191 - Mixed Upland Deciduous with Conifer	High Density Log	82	81-110	Harvest	Clearcut with Reserves	4191 - Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal
<u>Prescription</u> Harvest all species down to 2 inches DBH except: white pine and cedar and red oak, red pine, and hemlock if present. <u>Specs:</u> <u>Other</u> <u>Comments:</u> <u>Next</u> Check for adequate regeneration within 5 years of harvest completion. <u>Steps:</u> <u>Proposed</u> <u>Start Date:</u> 10/01/2013										
19	11021019-Cut	14.7	6124 - Lowland Spruce-Fir	High Density Pole	82	51-80	Harvest	Clearcut with Reserves	6124 - Lowland Spruce-Fir	Cmpt. Review Proposal
<u>Prescription</u> Final Harvest. Harvest all species down to 2 inches DBH except cedar, red pine, white pine, and hemlock if present. No spruce or fir is to be retained. <u>Specs:</u> <u>Other</u> <u>Comments:</u> <u>Next</u> Check for adequate regeneration within 5 years of harvest completion. <u>Steps:</u> <u>Proposed</u> <u>Start Date:</u> 10/01/2013										
28	11021028-Cut	70.9	4110 - Sugar Maple Association	High Density Log	99	81-110	Harvest	Single Tree Selection	4110 - Sugar Maple Association	Cmpt. Review Proposal
<u>Prescription</u> Selectively thin hardwoods to 70-90 sqft of BA. Favor oak, hemlock, white pine and cedar, and mass producing black cherry where present. <u>Specs:</u> Oak should be released on 3 sides to an average BA of 60 sqft. Where 30 sqft or more of hemlock occurs thin to no less than 100 sqft of BA. Follow all guidelines set forth in "The Complete Marker". If pockets of top dieback are encountered lower BA's (50-70) are acceptable. <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
35	11021035-Cut	7.5	4110 - Sugar Maple Association	High Density Log	80	81-110	Harvest	Single Tree Selection	4110 - Sugar Maple Association	Cmpt. Review Proposal
<p><u>Prescription</u> Selectively thin hardwoods to 60-90 sqft of BA due to the amount of cherry. Favor oak, hemlock, white pine and cedar where present. Oak <u>Specs:</u> should be released on 3 sides to an average BA of 60 sqft. Where 30 sqft or more of hemlock occurs thin to no less than 100 sqft of BA. Follow all guidelines set forth in "The Complete Marker". If pockets of top dieback are encountered lower BA's (50-70) are acceptable.</p> <p><u>Other</u> <u>Comments:</u></p> <p><u>Next</u> <u>Steps:</u></p> <p><u>Proposed</u> <u>Start Date:</u> 10/01/2013</p>										
37	11021037-Cut	2.0	4119 - Mixed Northern Hardwoods	High Density Pole	99	81-110	Harvest	Single Tree Selection	4119 - Mixed Northern Hardwoods	Cmpt. Review Proposal
<p><u>Prescription</u> Selectively thin hardwoods to 70-90 sqft of BA. Favor oak, hemlock, white pine and cedar where present. Oak should be released on 3 sides to <u>Specs:</u> an average BA of 60 sqft. Where 30 sqft or more of hemlock occurs thin to no less than 100 sqft of BA. Follow all guidelines set forth in "The Complete Marker". If pockets of top dieback are encountered lower BA's (50-70) are acceptable.</p> <p><u>Other</u> <u>Comments:</u></p> <p><u>Next</u> <u>Steps:</u></p> <p><u>Proposed</u> <u>Start Date:</u> 10/01/2013</p>										
44	11021044-Cut	76.2	4112 - Maple, Beech, Cherry Association	High Density Pole	99	81-110	Harvest	Single Tree Selection	4112 - Maple, Beech, Cherry Association	Cmpt. Review Proposal
<p><u>Prescription</u> Selectively thin hardwoods to 70-90 sqft of BA. Favor oak, hemlock, white pine and edar, and mass producing black cherry where present. Oak <u>Specs:</u> should be released on 3 sides to an average BA of 60 sqft. Where 30 sqft or more of hemlock occurs thin to no less than 100 sqft of BA. Follow all guidelines set forth in "The Complete Marker". If pockets of top dieback are encountered lower BA's (50-70) are acceptable.</p> <p><u>Other</u> <u>Comments:</u></p> <p><u>Next</u> <u>Steps:</u></p> <p><u>Proposed</u> <u>Start Date:</u> 10/01/2013</p>										
51	11021051-Cut	55.2	4112 - Maple, Beech, Cherry Association	High Density Log	99	81-110	Harvest	Clearcut with Reserves	4119 - Mixed Northern Hardwoods	Cmpt. Review Proposal
<p><u>Prescription</u> Reserve: white pine, cedar, hemlock, oak if present. Yellow birch and Cherry over 16" dbh is to be left. Cut all other trees greater than 4.6" at <u>Specs:</u> DBH that meets product standards. No trees below 4.6" are to be cut.</p> <p><u>Other</u> <u>Comments:</u> Top dieback hardwood salvage.</p> <p><u>Next</u> <u>Steps:</u></p> <p><u>Proposed</u> <u>Start Date:</u> 10/01/2013</p>										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
53	11021053-Cut	21.5	4110 - Sugar Maple Association	High Density Pole	70	141-170	Harvest	Single Tree Selection	4110 - Sugar Maple Association	Cmpt. Review Proposal
<u>Prescription</u> Selectively thin hardwoods to 70-90 sqft of BA. Favor oak, hemlock, white pine, cedar and mass producing black cherry where present. Oak <u>Specs:</u> should be released on 3 sides to an average BA of 60 sqft. Where 30 sqft or more of hemlock occurs thin to no less than 100 sqft of BA. Follow all guidelines set forth in "The Complete Marker." If pockets of top dieback are encountered lower BA's (50-70) are acceptable.										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u>										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
54	11021054-Cut	15.9	4130 - Aspen	High Density Log	91		Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal
<u>Prescription</u> Harvest all species down to 2 inches DBH except white pine and cedar and hemlock if present. While cruising if any wind firm large white spruce <u>Specs:</u> (16"+ DBH) are found, leave tree mark them at 1 to 3 per acre where present. Retention will be from the remaining part of stand 54 which fronts on the Tioga Creek outside of the treatment area.										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Check for adequate regeneration within 5 years of harvest completion.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
58	11021058-Cut	10.7	6122 - Black Spruce	High Density Pole	91	81-110	Harvest	Clearcut with Reserves	6124 - Lowland Spruce-Fir	Cmpt. Review Proposal
<u>Prescription</u> Final Harvest. Harvest all species down to 2 inches DBH except cedar, red pine, white pine, and hemlock if present. No spruce or fir is to be <u>Specs:</u> retained. A secondary MO of balsam fir and black spruce is ok.										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Check for adequate regeneration within 5 years of harvest completion.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
58	11021058- Cut_exp-2	1.6	6122 - Black Spruce	High Density Pole	91	81-110	Harvest	Clearcut with Reserves	6124 - Lowland Spruce-Fir	Cmpt. Review Proposal
<u>Prescription</u> Final Harvest. Harvest all species down to 2 inches DBH except cedar, red pine, white pine, and hemlock if present. No spruce or fir is to be <u>Specs:</u> retained. A secondary MO of balsam fir and black spruce is ok.										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Check for adequate regeneration within 5 years of harvest completion.										
<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
60	11021060-Cut	3.2	4110 - Sugar Maple Association	High Density Pole	70	81-110	Harvest	Single Tree Selection	4110 - Sugar Maple Association	Cmpt. Review Proposal
<p><u>Prescription</u> Selectively thin hardwoods to 70-90 sqft of BA. Favor oak, hemlock, white pine and cedar where present. Oak should be released on 3 sides to an average BA of 60 sqft. Where 30 sqft or more of hemlock occurs thin to no less than 100 sqft of BA. Follow all guidelines set forth in "The Complete Marker". If pockets of top dieback are encountered lower BA's (50-70) are acceptable.</p> <p><u>Specs:</u></p> <p><u>Other</u> There are some pockets of low BA already.</p> <p><u>Comments:</u></p> <p><u>Next</u></p> <p><u>Steps:</u></p> <p><u>Proposed</u></p> <p><u>Start Date:</u> 10/01/2013</p>										
62	11021062-Cut	16.1	4110 - Sugar Maple Association	High Density Pole	90	81-110	Harvest	Clearcut with Reserves	4119 - Mixed Northern Hardwoods	Cmpt. Review Proposal
<p><u>Prescription</u> Reserve: white pine, cedar, hemlock, oak if present. Yellow birch over 16" dbh is to be left. Cut all other trees greater than 4.6" at DBH that meets product standards. No trees below 4.6" are to be cut.</p> <p><u>Specs:</u></p> <p><u>Other</u> Top dieback hardwood salvage.</p> <p><u>Comments:</u></p> <p><u>Next</u></p> <p><u>Steps:</u></p> <p><u>Proposed</u></p> <p><u>Start Date:</u> 10/01/2013</p>										

**Total Treatment  
Acreage Proposed: 343.4**



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
81	11021081-Cut	25.6	6122 - Black Spruce	High Density Pole	82	51-80	Harvest	Clearcut with Reserves	6122 - Black Spruce	Cmpt. Review Proposal
<u>Prescription Specs:</u> Harvest all trees that are 4.6" at dbh other than white pine, red pine and cedar if present. All spruce and fir that are merchantable shall be harvested due to spruce budworm.										
<u>Other Comment:</u> The stand needs to be field visited by Wildlife Division yet, and is also factor limited for various reasons.										
<u>Next Steps:</u> Check for natural regeneration within 5 years of harvest.										
<u>Proposed Start Date:</u> 10/01/2013										
<u>Limiting Factor and No Treatment Reason</u> 1C: Other dept or div proc/practices										
84	11021084-Cut	15.8	6122 - Black Spruce	High Density Pole	82	51-80	Harvest	Clearcut with Reserves	6122 - Black Spruce	Cmpt. Review Proposal
<u>Prescription Specs:</u> Harvest all trees that are 4.6" at dbh other than white pine, red pine and cedar if present. All spruce and fir that are merchantable shall be harvested due to spruce budworm. A mix of spruce and fir will be acceptable for regeneration.										
<u>Other Comment:</u> The stand needs to be field visited by Wildlife Division yet, and is also factor limited for various reasons.										
<u>Next Steps:</u> Check for natural regeneration within 5 years of harvest.										
<u>Proposed Start Date:</u> 10/01/2013										
<u>Limiting Factor and No Treatment Reason</u> 1C: Other dept or div proc/practices										
<b>Total Treatment Acreage Proposed:</b>		<b>41.4</b>								

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
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Prescription  
Specs:

Other  
Comments:

Next  
Steps:

Proposed  
Start Date: #Error

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**Total Treatment**  
**Acreage Proposed: 0**

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## Baraga Mgt. Unit

## 5 – Forested Stands

Compartment: 021  
Year of Entry: 2014

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
2	4112 - Maple, Beech, Cherry Association	High Density Pole	5.7	60	81-110	
3	4110 - Sugar Maple Association	High Density Log	37.4	Uneven Age	81-110	
4	6122 - Black Spruce	Low Density Sapling	1.1	82	1-50	
5	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	12.9	89	81-110	
6	6129 - Mixed Coniferous Lowland Forest	High Density Pole	5.9	82	51-80	
7	4119 - Mixed Northern Hardwoods	High Density Pole	5.7	60	81-110	
8	4112 - Maple, Beech, Cherry Association	High Density Log	53.5	Uneven Age	81-110	
9	4319 - Mixed Upland Forest	High Density Pole	133.0	82	51-80	
10	4112 - Maple, Beech, Cherry Association	High Density Log	26.9	Uneven Age	81-110	
12	4110 - Sugar Maple Association	High Density Log	36.0	Uneven Age	81-110	
13	4112 - Maple, Beech, Cherry Association	High Density Pole	8.7	60	51-80	
15	6122 - Black Spruce	High Density Pole	40.5	82	81-110	
16	4115 - Y.Birch, Hemlock NH	High Density Log	17.1	Uneven Age	51-80	
17	4191 - Mixed Upland Deciduous with Conifer	High Density Log	7.4	82	81-110	
18	6122 - Black Spruce	Low Density Pole	2.1	82		
19	6124 - Lowland Spruce-Fir	High Density Pole	14.7	82	51-80	
20	4110 - Sugar Maple Association	High Density Log	45.1	Uneven Age	81-110	
21	6122 - Black Spruce	High Density Pole	189.2	82		

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## Baraga Mgt. Unit

## 5 – Forested Stands

Compartment: 021  
Year of Entry: 2014

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
22	4112 - Maple, Beech, Cherry Association	High Density Pole	4.8	60	81-110	
25	6122 - Black Spruce	High Density Pole	11.0	82		
27	42290 - Natural Mixed Pine	High Density Log	6.9	90	1-50	
28	4110 - Sugar Maple Association	High Density Log	70.9	Uneven Age	81-110	
29	6124 - Lowland Spruce- Fir	High Density Sapling	20.0	18		
30	42290 - Natural Mixed Pine	High Density Log	8.0	90	1-50	
31	4319 - Mixed Upland Forest	High Density Pole	9.7	35		
33	6122 - Black Spruce	High Density Pole	1.9	82	1-50	
35	4110 - Sugar Maple Association	High Density Log	7.5	80	81-110	
36	42290 - Natural Mixed Pine	High Density Log	2.2	90	1-50	
37	4119 - Mixed Northern Hardwoods	High Density Pole	2.0	Uneven Age	81-110	
38	42340 - Upland Spruce/Fir	High Density Sapling	68.7	6		
39	4136 - Aspen, Mixed Conifer	High Density Sapling	8.4	6	1-50	
40	4136 - Aspen, Mixed Conifer	High Density Sapling	24.9	6	1-50	
41	4130 - Aspen	High Density Sapling	8.4	6		
42	6124 - Lowland Spruce- Fir	High Density Pole	3.6	76		
43	4130 - Aspen	High Density Sapling	27.4	17		
44	4112 - Maple, Beech, Cherry Association	High Density Pole	76.2	Uneven Age	81-110	

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## Baraga Mgt. Unit

## 5 – Forested Stands

Compartment: 021  
Year of Entry: 2014

Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
4311 - Pine, Aspen Mix	High Density Pole	57.5	33	1-50	
4112 - Maple, Beech, Cherry Association	High Density Pole	5.9	50	51-80	
429 - Mixed Upland Conifers	High Density Pole	32.2	40	1-50	
42340 - Upland Spruce/Fir	High Density Pole	9.7	52		
4133 - Aspen, Mixed Pine	High Density Sapling	42.3	17	1-50	
4112 - Maple, Beech, Cherry Association	High Density Pole	3.4	Uneven Age	81-110	
4112 - Maple, Beech, Cherry Association	High Density Log	59.3	Uneven Age	81-110	
6122 - Black Spruce	High Density Pole	61.4	89	51-80	
4110 - Sugar Maple Association	High Density Pole	21.5	70	141-170	
4130 - Aspen	High Density Log	24.1	91		
42200 - Natural White Pine	High Density Log	41.3	90	1-50	
4112 - Maple, Beech, Cherry Association	High Density Pole	9.1	Uneven Age	141-170	
6122 - Black Spruce	High Density Pole	49.5	91	81-110	
4134 - Aspen, Spruce/Fir	High Density Pole	73.4	33	1-50	
4110 - Sugar Maple Association	High Density Pole	3.2	70	81-110	
4110 - Sugar Maple Association	High Density Pole	16.7	90	81-110	
4311 - Pine, Aspen Mix	High Density Pole	99.5	33	1-50	
4112 - Maple, Beech, Cherry Association	High Density Log	28.7	Uneven Age	81-110	



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## Baraga Mgt. Unit

## 5 – Forested Stands

Compartment: 021  
Year of Entry: 2014

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
66	42320 - Upland Spruce	High Density Sapling	4.7	33		
68	6122 - Black Spruce	High Density Pole	9.7	82	81-110	
69	6120 - Lowland Cedar	High Density Pole	28.1	107	81-110	
70	4110 - Sugar Maple Association	High Density Log	43.6	Uneven Age	81-110	
71	6121 - Tamarack	High Density Sapling	7.3	40		
72	6122 - Black Spruce	High Density Pole	18.6	91		
74	6122 - Black Spruce	High Density Pole	11.4	91		
76	6122 - Black Spruce	Medium Density Pole	6.5	70		
77	4112 - Maple, Beech, Cherry Association	High Density Pole	23.2	99	51-80	
78	4119 - Mixed Northern Hardwoods	High Density Pole	63.5	Uneven Age	51-80	
79	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	85.1	115	51-80	
80	4319 - Mixed Upland Forest	High Density Sapling	65.6	13		
81	6122 - Black Spruce	High Density Pole	25.6	82	51-80	
82	4112 - Maple, Beech, Cherry Association	High Density Log	16.3	Uneven Age	81-110	
83	6122 - Black Spruce	Low Density Sapling	4.9	40		
84	6122 - Black Spruce	High Density Pole	15.8	82	51-80	
85	4130 - Aspen	High Density Pole	18.7	33		
86	4191 - Mixed Upland Deciduous with Conifer	High Density Log	46.9	76	81-110	

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Baraga Mgt. Unit

5 – Forested Stands

Compartment: 021  
Year of Entry: 2014



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
87	6123 - Lowland Fir	High Density Sapling	4.4	17		
88	6122 - Black Spruce	Low Density Sapling	32.7	90		
89	4112 - Maple, Beech, Cherry Association	High Density Log	11.2	Uneven Age	81-110	
90	4112 - Maple, Beech, Cherry Association	High Density Log	10.3	Uneven Age	81-110	
91	6122 - Black Spruce	Medium Density	10.7	90		
92	4134 - Aspen, Spruce/Fir	High Density Sapling	15.7	17		
94	42200 - Natural White Pine	High Density Log	2.3	76	111-140	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
1	622 - Lowland Shrub	20.7	N/A	Unspecified	
11	6225 - Bog	18.3	N/A	Unspecified	
14	622 - Lowland Shrub	12.5	N/A	Unspecified	
23	622 - Lowland Shrub	43.9	N/A	Unspecified	
24	622 - Lowland Shrub	131.1	N/A	Unspecified	
26	122 - Road/Parking Lot	11.9	N/A	Unspecified	
32	622 - Lowland Shrub	18.2	N/A	Unspecified	
34	320 - Upland Shrub	10.6	N/A	Unspecified	
56	622 - Lowland Shrub	46.9	N/A	Unspecified	
61	622 - Lowland Shrub	23.3	N/A	Unspecified	
63	320 - Upland Shrub	3.1	N/A	Unspecified	
67	6225 - Bog	31.0	N/A	Unspecified	
73	622 - Lowland Shrub	19.3	N/A	Unspecified	
75	6229 - Mixed lowland shrub	2.4	N/A	Unspecified	
93	6225 - Bog	9.8	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
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**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.