



## SAULT FOREST MANAGEMENT UNIT COMPARTMENT REVIEW PRESENTATION

COMPARTMENT # 32 ENTRY YEAR: 2013

Compartment Acreage: 1,409 County: Mackinac

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**Revision Date:** 07-13-2011

**Stand Examiner:** Jeff Wise

**Legal Description:** T42N R1W Sec 8, 9, 16, 17, 18, 19, & 20

**RMU:** Huron Patterned Outcrop

**Management Goals:** This YOE management will focus on some uneven age hardwood treatments. One area with beech bark disease will be treated to best manage this disease. Other treatments will include aspen/ fir regeneration harvests to begin the 0-10 year age class in the compartment. Treatments in the deer yard area will be restricted to winter harvest.

**Soil and Topography:** Soils in the northern uplands are generally Guardlake-Wallace-Greylock association. These soils support the upland timber types such as aspen and pine. The southern parts consist of Markey – Finch association and support cedar, lowland brush, and mixed lowland conifers. Topography is gently rolling with rocky areas in the south.

**Ownership Patterns, Development, and Land Use in and Around the Compartment:** Residences and recreational camps surround the compartment with no State land adjoining. Hessel airport is within a mile and a golf course shares some boundary on the east side. Some private cabins within break the compartment into two main parts but it remains contiguous. People still camp at the old campground (without facilities), and there is some fishing to be had in Bay City Lake. Most of the activity here is hunting and trash dumping.

**Unique, Natural Features:** Bay City Lake is unique in that it has no inlet or outlet and supports a cool water fishery.

**Archeological, Historical, and Cultural Features:** None known at this time.

**Special Management Designations or Considerations:** None at this time.

**Watershed and Fisheries Considerations:**

This compartment contains Bay City Lake, and Steeles Creek, a cold transitional stream. The prescribed treatments have appropriate buffers for the protection of these waterbodies

**Wildlife Habitat Considerations:** Compartment 32 is located approximately a mile northwest of Hessel. It lies within the St. Ignace subsection of the Niagaran Escarpment and Lake Plain, which is characterized by limestone bedrock and sand lake plain. Sandy soils dominate, supporting a mix of oak and pine, northern hardwoods, and aspen. Beech bark disease is causing most of the American beech component of the northern hardwood stands to be lost. Bay City Lake is located on the eastern side of the compartment. Species use includes white-tailed deer, black bear, ruffed grouse, wolf, coyote, woodpeckers and a variety of other birds.

Wildlife management objectives include maintaining the oak and white pine components, providing early successional deciduous stands at varying age classes, and encouraging diversity in northern hardwoods. Young early successional deciduous growth will provide habitat for deer and ruffed grouse among other species. Healthy beech trees will be left if found in northern hardwoods to maintain stand diversity. Snags will be left for cavity nesting birds and future coarse woody debris. Existing woody debris will be retained for grouse drumming logs and cover for small animals. Oak will be retained for a hard mast source. Black bear, ruffed grouse, wood peckers, and hawks are among the other species that will benefit from this management.

**Mineral Resource and Development Concerns and/or Restrictions:** Surface sediments consist of a mixture of lacustrine (lake) sand and gravel, glacial outwash sand and gravel and postglacial alluvium and thin to discontinuous glacial deposits over bedrock. The glacial drift thickness varies between 10 and 50 feet. The Silurian Engadine Group subcrops below the glacial drift. This formation is quarried for stone/dolomite six miles to the east. There are many gravel pits to the north, and portions of the compartment should have good potential. There is no economic oil and gas production in the UP.

**Vehicle Access:** Very good access to most of the northern and central parts of the compartment. The south part is deer yard and no roads exist. Old winter logging trails are still used to access this area.

**Survey Needs:** A few missing corners need to be replaced in Secs 8, 9, and 17. Sec 17 needs some verification work to conduct management.

**Recreational Facilities and Opportunities:** Snowmobile and ORV trails in the compartment. People still camp at Bay City Lake campground; however it was closed years ago as a managed campground.

**Fire Protection:** Bay City Lake is the only readily available water source in and near the compartment. Road access is adequate except for the southern portions which are deer yard and wet timber types.

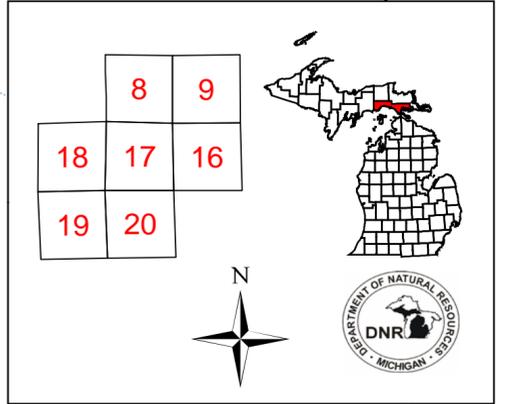
**Additional Compartment Information:**

- **Cover Type details, Proposed Treatments, and Stand listings are listed in the attached reports:**
  - ◆ **Proposed Treatments – No Limiting Factors**
  - ◆ **Proposed Treatments – With Limiting Factors**
  - ◆ **Stand Listing – Forested**
  - ◆ **Stand Listing – Non Forested**
  - ◆ **Special Conservation Area (SCA) Details**
  
- **The following information is displayed, where pertinent, on the attached compartment maps:**
  - ◆ **Base feature information, stand numbers, cover types**
  - ◆ **Proposed treatments**
  - ◆ **Proposed road access system**
  - ◆ **SCA – Special Conservation Areas**

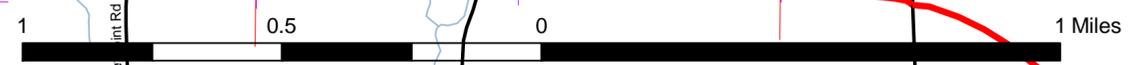
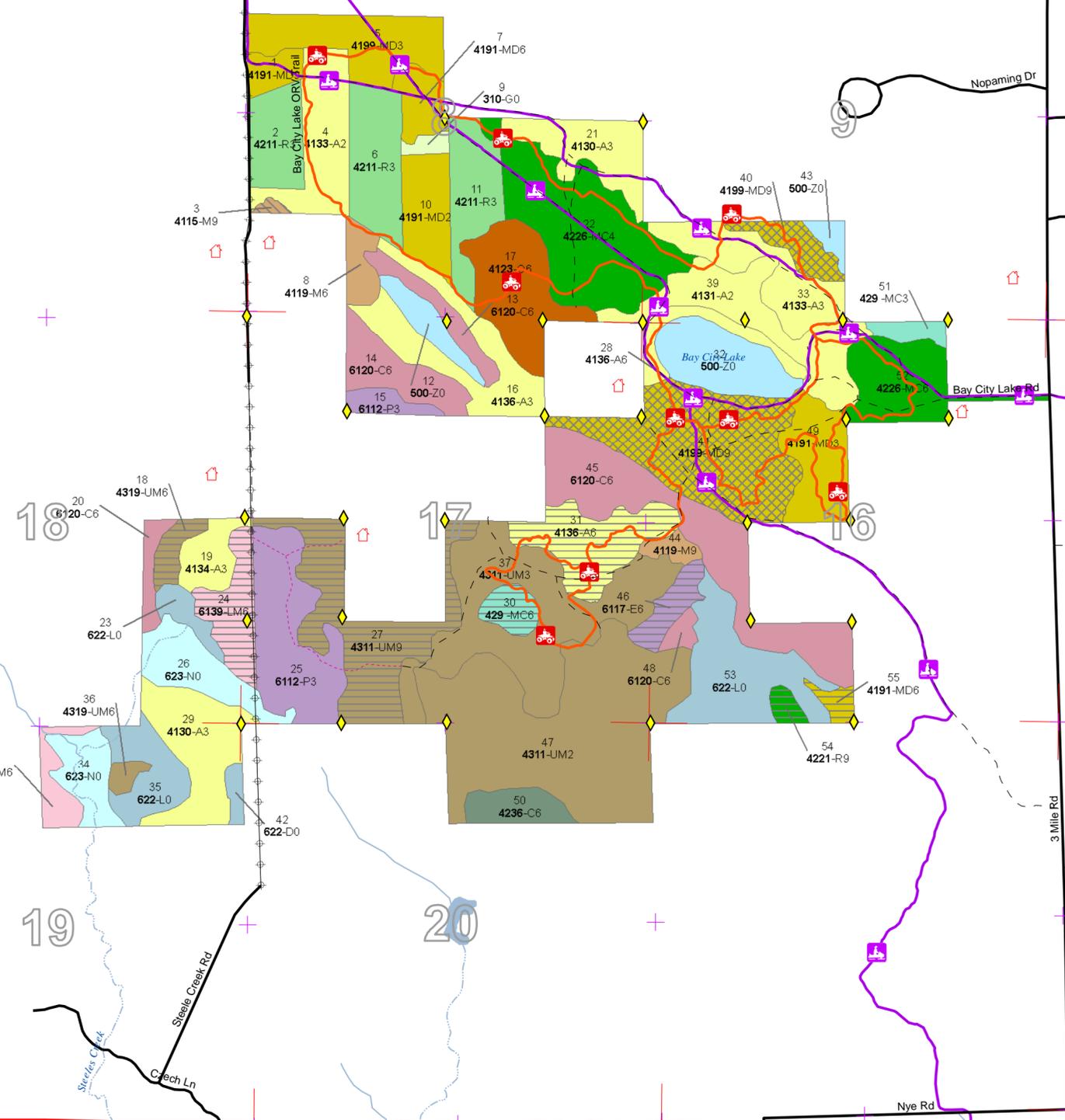
# Cover Type & Treatment Map

Compartment 032  
 T42N, R01W, Sec. 8, 9, 16-20  
 County: Mackinac  
 Unit: Sault Ste Marie  
 YOE: 2013  
 Acres: 1,409 GIS Calculated  
 Stand Examiner: Jeff Wise  
 Map Revised: 8/09/2011  
 Map Phase: Pre-Review

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



- Legend**
- Miris Corners
  - ⊕ Remonumented Section Corners
  - ⚡ Powerlines
  - ◆ Survey Corners
  - 🏠 Structures
  - Highway
  - County Paved Roads
  - Paved Roads
  - County Gravel Roads
  - Gravel Roads
  - Poor Dirt Roads
  - County Poor Dirt Roads
  - Trail (Non-Recreation)
  - Closed Roads
  - 🏍 Motorcycle (DNR Sticker)
  - 🏍 Motorcycle (SOS License)
  - ORV Trail
  - ORV Route
  - Snowmobile Trail
  - Intermittent Stream/Drain
  - Stream
  - Lakes and Rivers
- Treatments**
- ☐ Clearcut (w/Reserves, Patch/Strip)
  - ▨ Selection (Group, Single Tree)
  - ▨ Other Harvest - See Comments
- Forest Stands**
- Level 3
- 411 - Northern Hardwood
  - 412 - Oak Types
  - 413 - Aspen Types
  - 419 - Mixed Upland Deciduous
  - 421 - Planted Pines
  - 422 - Natural Pines
  - 423 - Other Upland Conifers
  - 429 - Mixed Upland Conifers
  - 431 - Upland Mixed Forest
  - 611 - Lowland Deciduous Forest
  - 612 - Lowland Coniferous Forest
  - 613 - Lowland Mixed Forest
- Non-Forest Stands**
- Level 3
- 310 - Herbaceous Openland
  - 500 - Water
  - 622 - Lowland Shrub
  - 623 - Emergent Wetland



# Stand Boundary Map

Compartment 032  
 T42N, R01W, Sec. 8, 9, 16-20  
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 Stand Examiner: Jeff Wise  
 Map Revised: 8/09/2011  
 Map Phase: Pre-Review

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

	8	9
18	17	16
19	20	



**Legend**

- Miris Corners
- Remonumented Section Corners
- Survey Corners
- Powerlines
- Structures
- Stand Boundaries
- Highway
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Trail (Non-Recreation)
- Closed Roads
- Intermittent Stream/Drain
- Stream
- Motorcycle (DNR Sticker)
- Motorcycle (SOS License)
- ORV Trail
- ORV Route
- Snowmobile Trail

**Forest Stands**

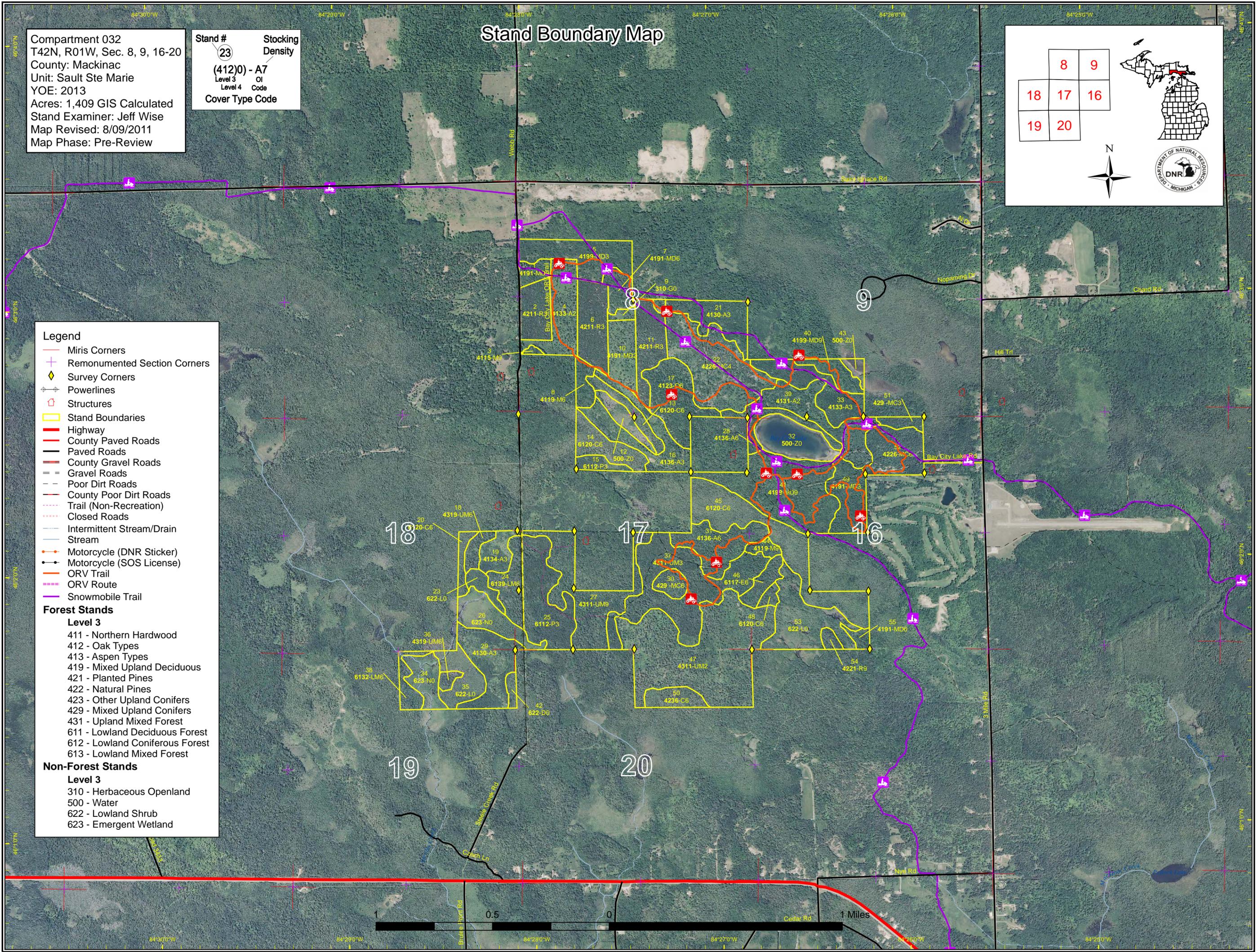
**Level 3**

- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 431 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
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- 613 - Lowland Mixed Forest

**Non-Forest Stands**

**Level 3**

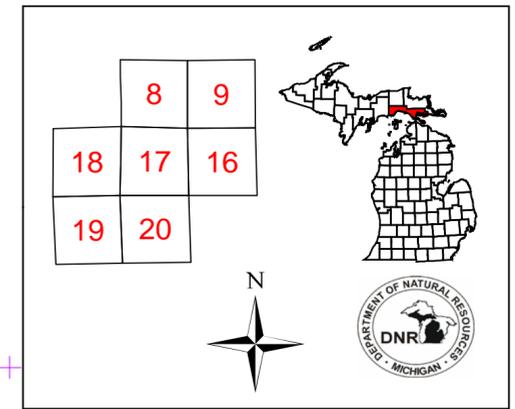
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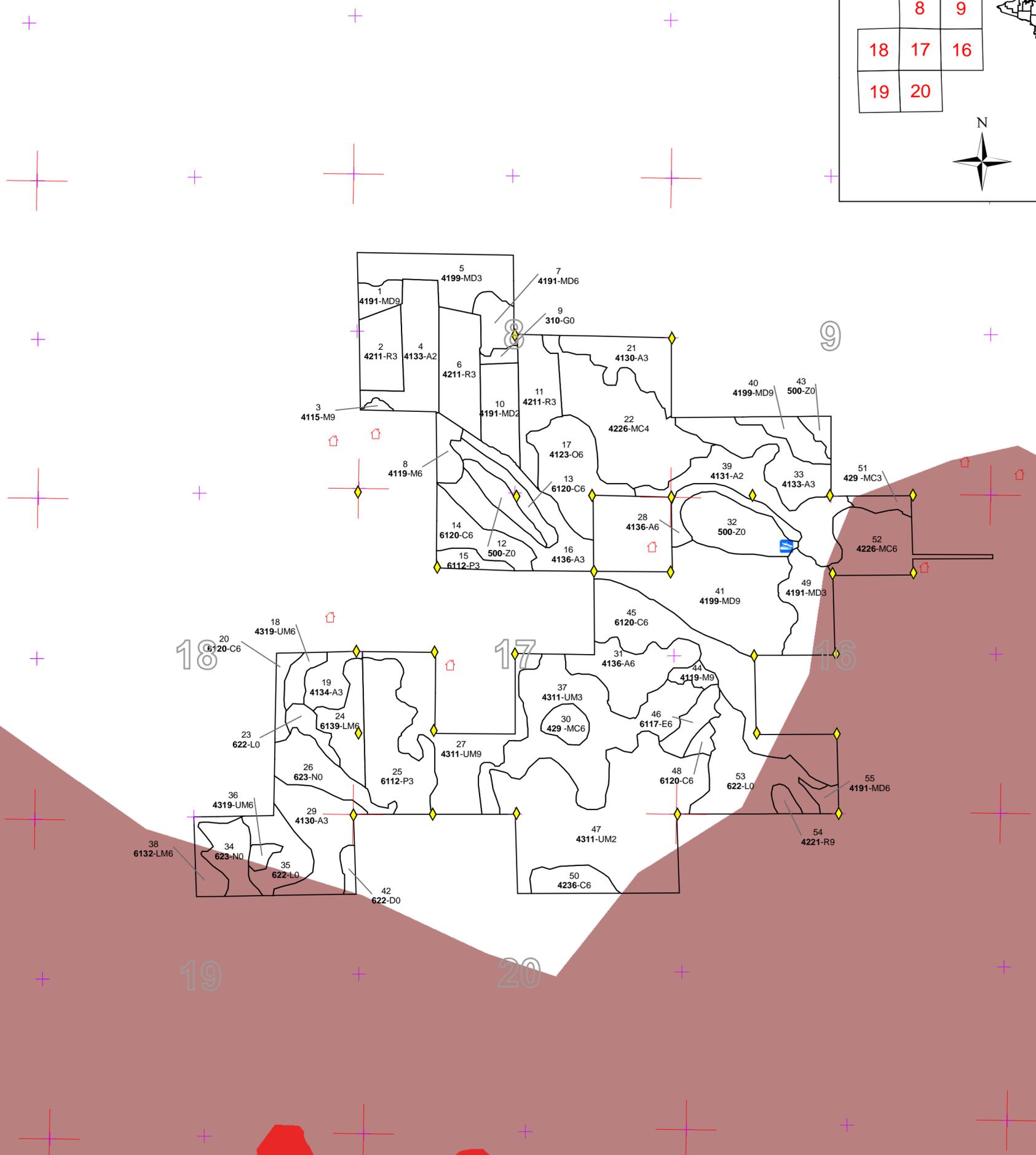
# Dedicated & Proposed Special Conservation Area Map

Compartment 032  
 T42N, R01W, Sec. 8, 9, 16-20  
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 Map Revised: 8/09/2011  
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**Stand #**  
 23  
**Stocking Density**  
 (412)0 - A7  
 Level 3 OI  
 Level 4 Code  
**Cover Type Code**



- Legend**
- Miris Corners
  - + Remonumented Section Corners
  - ◆ Survey Corners
  - ⬜ Structures
  - Stand Boundaries
- Dedicated Special Conservation Areas**
- Coastal Environmental Areas
  - Ecological Reference Areas
  - ⚓ Boat Access Sites
  - Cold Water Streams
  - Deer Wintering Areas
- Forest Stands**
- Level 3**
- 411 - Northern Hardwood
  - 412 - Oak Types
  - 413 - Aspen Types
  - 419 - Mixed Upland Deciduous
  - 421 - Planted Pines
  - 422 - Natural Pines
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**Table 1 – Total Acres by Cover Type and Age Class**



	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 +		Unretn Age
Aspen	0	78	88	60	0	0	34	0	0	12	0	0	0	0	0	272
Cedar	0	0	0	0	0	0	0	0	12	0	0	91	0	22	0	125
Herbaceous Openland	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Lowland Aspen/Balsam Poplar	0	0	7	0	49	0	0	0	0	0	0	0	0	0	0	56
Lowland Deciduous	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	11
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	31	0	0	0	0	31
Lowland Shrub	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75
Marsh	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42
Mixed Upland Deciduous	0	22	0	66	0	0	0	0	0	17	0	8	0	0	89	202
Natural Mixed Pines	0	0	0	34	0	0	0	0	0	72	0	0	0	0	0	106
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	0	0	0	1	14	16
Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39	39
Red Pine	0	0	0	79	0	0	0	0	0	0	0	4	0	0	0	83
Treed Bog	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Upland Conifers	0	0	0	6	0	0	0	0	0	9	0	0	0	0	0	15
Upland Mixed Forest	0	133	0	83	0	0	0	0	0	0	11	56	0	0	0	283
Water	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46
<b>Total</b>	<b>169</b>	<b>233</b>	<b>96</b>	<b>327</b>	<b>49</b>	<b>0</b>	<b>34</b>	<b>0</b>	<b>12</b>	<b>121</b>	<b>42</b>	<b>159</b>	<b>0</b>	<b>24</b>	<b>143</b>	<b>1409</b>



**Table 2 – Proposed Treatment Summaries**

**Sault Ste. Marie Mgt. Unit**  
**Year of Entry 2013**

**Compartment 032**  
**Total Compartment Acres: 1409**

**Acres by Treatment Type**

Commercial Harvest - 237	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
Aspen	34	0	0	0	0	0	34
Lowland Deciduous	11	0	0	0	0	0	11
Lowland Mixed Forest	21	0	0	0	0	0	21
Mixed Upland Deciduous	4	89	0	0	0	0	94
Northern Hardwood	0	0	0	0	0	1	1
Red Pine	4	0	0	0	0	0	4
Upland Conifers	9	0	0	0	0	0	9
Upland Mixed Forest	63	0	0	0	0	0	63
<b>Total</b>	<b>146</b>	<b>89</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>237</b>



S t a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
3	45032003-Cut	1.5	4115 - Y.Birch, Hemlock NH	High Density Log	150	Harvest	Other - Specify in Comments	4115 - Y.Birch, Hemlock NH	Cmpt. Review Proposal

Prescription Salvage harvest, remove all beech with BBD.

Specs:

Other

Comments:

Next Steps: Check for BBD. Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, oak, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce and white pine.

18	45032018-Cut	7.4	4319 - Mixed Upland Forest	High Density Pole	94	Harvest	Clearcut with Reserves	4319 - Mixed Upland Forest	Cmpt. Review Proposal
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Prescription Cut all species except cedar and pine, some rocky ground may be left for retention. survey needed.

Specs:

Other

Comments:

Next Steps: Check regen according to work instructions present species expected.

24	45032024-Cut	21.0	6139 - Mixed Lowland Forest	High Density Pole	94	Harvest	Clearcut with Reserves	6139 - Mixed Lowland Forest	Cmpt. Review Proposal
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Prescription Cut all species except cedar and pine, some rocky ground may be left uncut for retention.

Specs: WLD: Winter cut.

Other

Comments:

Next Steps: Check regen according to work instructions, present species expected.

27	45032027-Cut	56.0	4311 - Pine, Aspen Mix	High Density Log	100	Harvest	Clearcut with Reserves	4311 - Pine, Aspen Mix	Cmpt. Review Proposal
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Prescription Cut all species except cedar and pine, pvt line has been flagged in but a survey would help verify boundary, some rocky ground may be left for retention.

Specs: WLD: Winter cut.

Other

Comments:

Next Steps: Check regen according to work instructions, present species expected.

30	45032030-Cut	8.9	429 - Mixed Upland Conifers	High Density Pole	82	Harvest	Clearcut with Reserves	42201 - Natural White Pine, Mixed Deciduous	Cmpt. Review Proposal
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Prescription Cut all species except cedar and pine.

Specs:

Other

Comments:

Next Steps: Check regen according to work instructions present species expected.



S t a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
31	45032031-Cut	33.9	4136 - Aspen, Mixed Conifer	High Density Pole	50	Harvest	Clearcut with Reserves	4136 - Aspen, Mixed Conifer	Cmpt. Review Proposal

Prescription Cut all trees except cedar, maple, and pine, protect survey corner in stand. Survey needed.

Specs:

Other

Comments:

Next Check regen according to work instructions, present species expected.

Steps:

40	45032040-Cut	12.0	4199 - Other Mixed Upland Deciduous	High Density Log	100	Harvest	Single Tree Selection	4199 - Other Mixed Upland Deciduous	Cmpt. Review Proposal
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Prescription Cut all beech with BBD and all aspen, mark other species if necessary to maintain Basal Area of 80. look for resistant beech to leave. Survey needed.

Specs:

WLD: Leave any healthy beech and 2-5 beech per acre.

Other

Comments:

Next Check regen according to work instructions, present species expected and check for BBD.

Steps:

41	45032041-Cut	77.3	4199 - Other Mixed Upland Deciduous	High Density Log	100	Harvest	Single Tree Selection	4199 - Other Mixed Upland Deciduous	Cmpt. Review Proposal
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Prescription Mark to cut all species except hemlock, cedar, oak, and pine, to Basal Area of 80 focusing on beech with BBD, look for resistant beech to leave.

Specs:

WLD: Leave 2-5 beech per acre, particularly any healthy beech. Do not reach into hemlock pockets. Retain a representative mix of species.

Other

Comments:

Next Check regen according to work instructions, present species expected, and check for BBD.

Steps:

46	45032046-Cut	10.8	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	80	Harvest	Clearcut with Reserves	6117 - Lowland Deciduous, Mixed Coniferous	Cmpt. Review Proposal
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Prescription Cut all species except cedar and pine, leave wetland buffer if necessary.

Specs:

Other

Comments:

Next Check regen according to work instructions present species expected.

Steps:

**Total Treatment  
Acreage Proposed: 228.8**

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	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
54	45032054-Cut	3.9	42210 - Natural Red Pine	High Density Log	107	Harvest	Clearcut with Reserves	42290 - Natural Mixed Pine	Cmpt. Review Proposal

Prescription Cut all species except red and white pine 6" or less, do not leave large pine or cedar. Survey may be needed.

Specs:

Other Comment: Adjacent landowner has been cutting trees in this stand for years it looks. Nothing recent however, but any mature timber should be removed .

Next Steps: Check regen according to work instructions, present species expected.

Limiting Factor and No Treatment Reason 1G: Neighbor  
Not sure of access from landowner.

55	45032055-Cut	4.4	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	84	Harvest	Clearcut with Reserves	4191 - Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal
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Prescription Cut all species except cedar, oak, and pine.

Specs:

Other Comment:

Next Steps: Check regen according to work instructions.

Limiting Factor and No Treatment Reason 1G: Neighbor  
Not sure of access from landowner.

**Total Treatment Acreage Proposed: 8.3**

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

Year of Entry: 2013



Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
<b>45158_OutOfY OE-Cut</b>	2.5				Harvest	Single Tree Selection	4110 - Sugar Maple Association	Cmpt. Review Proposal
<u>Prescription:</u> Mark stand to 80 to 90 Basal Area. Retain some beech with the smooth bark and wildlife trees. Some larger canopy gaps may be desirable to enhance the advanced regeneration present. <u>Specs:</u> <u>Other Comments:</u> <u>Next Steps:</u> Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, beech, yellow and paper birch, ironwood, balsam fir, white spruce, black spruce and white pine.								
<b>NF_45134015- NonFor</b>	4.7	Unspecified		0	Non-Forest Management	Patch or Strip Clearcut	31021 - Cool Season Grass	Cmpt. Review Proposal
<u>Prescription:</u> Treat with C149 s 63. Opening maintenance removing jack pine seedlings and saplings. <u>Specs:</u> <u>Other Comments:</u> <u>Next Steps:</u>								
<b>Total Treatment Acreage Proposed:</b>		<b>7.2</b>						



Stand	Sault Ste. Marie Mgt. Unit		5 – Forested Stands			Compartment: 032 Year of Entry: 2013	
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:	
1	4191 - Mixed Upland Deciduous with Conifer	High Density Log	8.1	100		Not really enough to do anything with, mostly oak and pine.	
2	42110 - Planted Red Pine	High Density Sapling	21.3	23			
3	4115 - Y.Birch, Hemlock NH	High Density Log	1.5	150	81-110	An itsy-bitsy, teeny-weeeny, little ...hardwood stand, with lots of BBD.	
4	4133 - Aspen, Mixed Pine	Medium Density	34.1	6		Recently cut, regen adequate, the stand was semi-open to begin with, oak and pine reserved.	
5	4199 - Other Mixed Upland Deciduous	High Density Sapling	37.7	22		Regeneration good, no noticable BBD on beech regen.	
6	42110 - Planted Red Pine	High Density Sapling	30.7	23			
7	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	12.3	82		Small, mature stand that breaks up surrounding cuts and has road/snow trail intersections.	
8	4119 - Mixed Northern Hardwoods	High Density Pole	9.4	Uneven Age	81-110	No beech in stand.	
10	4191 - Mixed Upland Deciduous with Conifer	Medium Density	21.6	6		Recently cut, pine and oak reserved enough for stocking, with aspen regen.	
11	42110 - Planted Red Pine	High Density Sapling	27.1	23			
13	6120 - Lowland Cedar	High Density Pole	11.8	78			
14	6120 - Lowland Cedar	High Density Pole	22.1	127			
15	6112 - Lowland Aspen	High Density Sapling	7.2	15		Regen good	
16	4136 - Aspen, Mixed Conifer	High Density Sapling	37.3	15		Regen very nice, contains a gully at the south end with mature hemlock.	
17	4123 - Red Oak	High Density Pole	38.9	Uneven Age	81-110	More aspen in the north, better oak in the south.	
18	4319 - Mixed Upland Forest	High Density Pole	7.4	94		Mature but rocky, looks like it was left as a buffer in a previous harvest..	
19	4134 - Aspen, Spruce/Fir	High Density Sapling	13.5	14		Nice diversity, semi-open in spots.	

S t a n d	Sault Ste. Marie Mgt. Unit		5 – Forested Stands			Compartment: 032	General Comments:
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Year of Entry: 2013	
20	6120 - Lowland Cedar	High Density Pole	6.8	100			
21	4130 - Aspen	High Density Sapling	27.6	26			1/4 corner between Sec 8-9 needs replacing, Witness trees present but two are dead and down.
22	42260 - Natural Pine, Mixed Deciduous	Low Density Pole	72.3	80			Previously a large opening, gradually has become timbered with mixed pine. Boy Scouts have been planting pine trees here for many years.
24	6139 - Mixed Lowland Forest	High Density Pole	21.0	94			Not all lowland, sort of rocky on east ridge near powerline.
25	6112 - Lowland Aspen	High Density Sapling	49.1	31			Almost pure aspen types.
27	4311 - Pine, Aspen Mix	High Density Log	56.0	100			North side near private and west side is rocky.
28	4136 - Aspen, Mixed Conifer	High Density Pole	12.1	80			Buffer stand around Bay City Lake for aesthetics.
29	4130 - Aspen	High Density Sapling	37.6	13			
30	429 - Mixed Upland Conifers	High Density Pole	8.9	82			Island of timber.
31	4136 - Aspen, Mixed Conifer	High Density Pole	33.9	50			A real mix of species but mature.
33	4133 - Aspen, Mixed Pine	High Density Sapling	32.4	24			Regeneration full
36	4319 - Mixed Upland Forest	High Density Pole	3.7	94			Island in the lowland marsh and brush, OI data indicates aspen, birch, pine, fir/spruce.
37	4311 - Pine, Aspen Mix	High Density Sapling	82.9	22			Northwest corner is a mature but wet area of the stand with cedar, not big enough for a stand but no cut either.
38	6132 - Mixed Lowland Forest with Cedar	High Density Pole	10.3	94			Stand is on the far south west part of comp, OI data indicates fir/spruce with cedar and aspen.
39	4131 - Aspen, Oak	Medium Density	43.8	6			Hodge podge of mixed regeneration coming back nice.
40	4199 - Other Mixed Upland Deciduous	High Density Log	12.0	Uneven Age	111-140		BBD abundant.
41	4199 - Other Mixed Upland Deciduous	High Density Log	77.3	Uneven Age	111-140		Contains Bay City Lake campgroud area.



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Sault Ste. Marie Mgt. Unit

## 5 – Forested Stands

Compartment: 032  
Year of Entry: 2013

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
44	4119 - Mixed Northern Hardwoods	High Density Log	5.1	Uneven Age	111-140	Nice sugar maple stand but contains some boulders, and many drainages from the cedar stand which is HIGHER.
45	6120 - Lowland Cedar	High Density Pole	67.3	100		Very strange, this stand is lowland with flowing water yet is HIGHER than the hardwoods stand where the water is flowing.
46	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	10.8	80		Could be a little wet.
47	4311 - Pine, Aspen Mix	Medium Density	133.3	4		Recently cut , has good and full regen, cedar reserved is enough to create a cedar stand.
48	6120 - Lowland Cedar	High Density Pole	3.9	100		Small cedar stand with boulders.
49	4191 - Mixed Upland Deciduous with Conifer	High Density Sapling	28.0	27		Typical cut with white pine and oak reserved, stand has BBD on beech saps and poles.
50	42360 - Upland Cedar	High Density Pole	13.1	103		New stand, this was the cedar reserved when the aspen understory was cut, rocky.
51	429 - Mixed Upland Conifers	High Density Sapling	5.8	23		
52	42260 - Natural Pine, Mixed Deciduous	High Density Pole	33.6	28		Need survey on east side, possible trespass in the SE corner with two large white pines cut recently.
54	42210 - Natural Red Pine	High Density Log	3.9	107	111-140	Tiny red pine stand, access only through private,
55	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	4.4	84		Small, isolated stand, access only through private.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
9	3102 - Grass	3.3	No	Unspecified	
12	50 - Water	10.9	N/A	Unspecified	
23	6229 - Mixed lowland shrub	7.6	N/A	Unspecified	
26	6239 - Mixed Emergent Wetland	24.3	N/A	Unspecified	
32	50 - Water	30.5	N/A	Unspecified	
34	6239 - Mixed Emergent Wetland	17.5	N/A	Unspecified	
35	6229 - Mixed lowland shrub	21.6	N/A	Unspecified	
42	6224 - Treed Bog	3.9	N/A	Unspecified	
43	50 - Water	4.4	N/A	Unspecified	
53	6229 - Mixed lowland shrub	45.6	N/A	Unspecified	



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

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

Stand	SCA Type	SCA Name	Acres	Comments
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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	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.
SCA	Habitat Area	An area that provide some specific need for the life cycle of wildlife species, including State Wildlife Areas and Waterfowl Production Areas, deer wintering complexes in lowland conifer communities, grassland openings and savannas. Habitat areas are distinct from critical habitat designated for recovery of endangered or threatened species (such as Kirtland's warbler or piping plover areas) in that they are more general in nature, are not primarily associated with threatened or endangered species, and are not covered by species recovery plans that are developed in cooperation with Federal agencies.