



**Sault Ste Marie Forest Management Unit**  
**Compartment Review Presentation**  
**Compartment # 12**                      **Entry Year: 2014**  
**Compartment Acreage: 1,620**            **County: Chippewa**

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**Revision Date:** June 18, 2012

**Stand Examiner:** Jeffery Wise

**Legal Description:**    T41N R4E Sec 1                                      **Drummond Township**  
                                  T41N R5E Sec 31-32  
                                  T42N R5E Sec 4, 5, 6, 7, 8, 9

**RMU (if applicable):**

**Management Goals:** Most of this compartment is winter deer yard and there has been cedar management in the past with successful regeneration. Management this YOY will focus on mature aspen stands with white spruce, as well as minimal cedar management to establish age class diversity in the cedar types.

**Soil and Topography:** Topography is relatively flat to rolling. There is one prominent bluff in the compartment looking to the west that affords spectacular views. Soils are Potagannissing-Rock Outcrop-Summerville, shallow to no soil with exposed bedrock.

**Ownership Patterns, Development, and Land Use in and Around the Compartment:** The compartment is surrounded by private ownerships: those being a mix of homes and camps. The quarry has a 40 foot haul road easement that bisects the compartment.

**Unique, Natural Features:** None known at this time but MNFI data base is consulted before any management activity begins.

**Archeological, Historical, and Cultural Features:** None known

**Special Management Designations or Considerations:** Generally managed as deer yard.

**Watershed and Fisheries Considerations:** This compartment contains a number of small lakes, including Jones, Jackson, and Parish Lakes. Also, Pigeon Cove Creek flows along the east edge of the compartment. A road and small parking area for access to Parish Lake should be incorporated into the specifications for the Stand 22 timber sale if possible. Access to the small inland lakes on Drummond is limited, and this would provide recreational fishing opportunity.

**Wildlife Habitat Considerations:** This compartment is located on the west end of the Drummond Island Management Area. It is characterized by cedar and mixed conifer stands, with some areas of aspen or mixed deciduous, primarily on shallow soils over limestone bedrock. The compartment provides important wintering habitat for white-tailed deer. The low conifer cover also provides good cover for snowshoe hare and other species. Jones Lake, Jackson Lake, and the Pigeon Cove Wildlife Flooding are all located in this compartment, Parish Lake is shared with another compartment to the west, and portions of the compartment also consist of Great Lakes shoreline. These waterbodies provide habitat for waterfowl, beaver, and other wetland wildlife.

Wildlife management objectives include retaining the lowland conifer cover used by deer and snowshoe hare, protecting wetland and shoreline habitat for waterfowl and other wetland wildlife, and maintaining aspen where it exists and encouraging age class diversity for ruffed grouse and snowshoe hare. Lakes and wetlands will be buffered appropriately to maintain the aquatic and shoreline habitat. Timber harvesting will occur during the winter months, allowing tops to be available as browse to

**Mineral Resource and Development Concerns and/or Restrictions:** Surface sediments consist of thin to discontinuous glacial deposits over bedrock. The glacial drift thickness varies between 10 and 50 feet. The Silurian Engadine and Manistique Groups subcrop below the thin glacial drift. These formations are quarried for stone/dolomite in Section 36. A State gravel pit is located in Section 9 and there may be some potential. There is no economic oil and gas production in the UP.

**Vehicle Access:** A few county roads along the perimeter but virtually no two tracks into this compartment. The Quarry Road is private with permission only, and a few two track exist off this road.

**Survey Needs:** Nothing needed this YOE.

**Recreational Facilities and Opportunities:** The Quarry Road is snowmobile trail in winter. No other facilities. Recreation in the compartment is hunting.

**Fire Protection:** The northern boundary is within 1/4 mile of Pigeon Cove, a few small inland lakes provide water sources in the west, Lake Huron is close to the southern portion and Pigeon Cove Creek is on the east side. A few small roads off the Quarry Road would provide access to interior fires.

**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:**

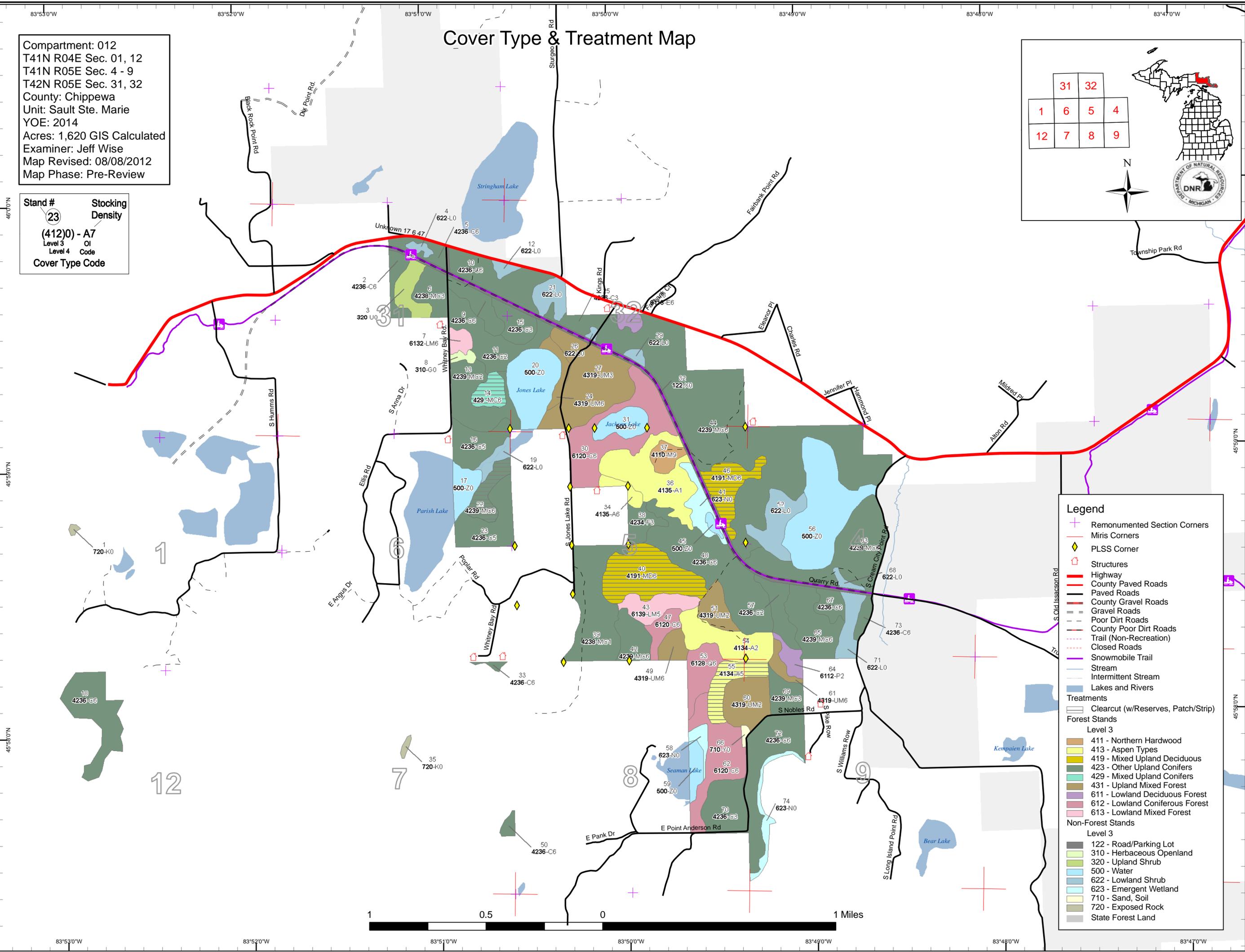
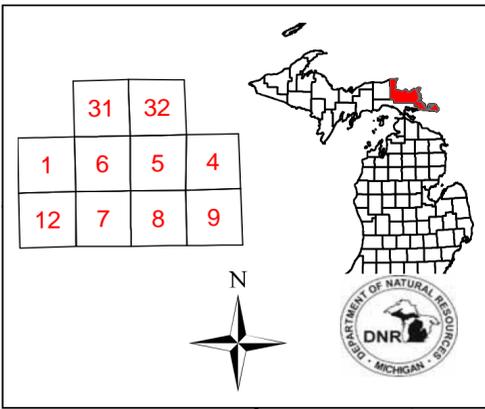
- ◆ **Base feature information, stand numbers, cover types**
- ◆ **Proposed treatments**
- ◆ **Proposed road access system**

SCA – Special Conservation Areas

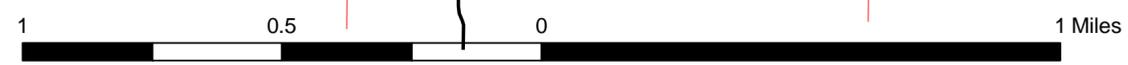
# Cover Type & Treatment Map

Compartment: 012  
 T41N R04E Sec. 01, 12  
 T41N R05E Sec. 4 - 9  
 T42N R05E Sec. 31, 32  
 County: Chippewa  
 Unit: Sault Ste. Marie  
 YO: 2014  
 Acres: 1,620 GIS Calculated  
 Examiner: Jeff Wise  
 Map Revised: 08/08/2012  
 Map Phase: Pre-Review

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



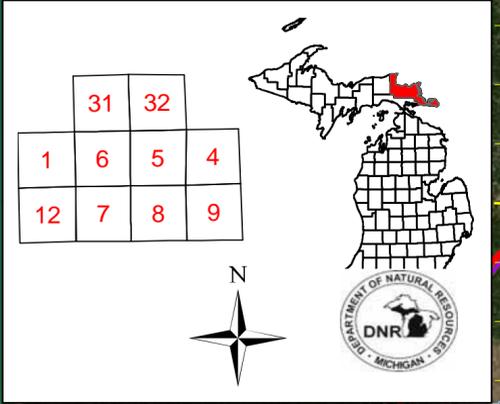
- ### Legend
- ✚ Remonumented Section Corners
  - ✚ Miris Corners
  - ✚ PLSS Corner
  - 🏠 Structures
  - 🛣 Highway
  - 🛣 County Paved Roads
  - 🛣 Paved Roads
  - 🛣 County Gravel Roads
  - 🛣 Gravel Roads
  - 🛣 Poor Dirt Roads
  - 🛣 County Poor Dirt Roads
  - 🛣 Trail (Non-Recreation)
  - 🛣 Closed Roads
  - 🛣 Snowmobile Trail
  - 🌊 Stream
  - 🌊 Intermittent Stream
  - 🌊 Lakes and Rivers
- ### Treatments
- 👉 Clearcut (w/Reserves, Patch/Strip)
- ### Forest Stands
- Level 3
- 🟤 411 - Northern Hardwood
  - 🟡 413 - Aspen Types
  - 🟠 419 - Mixed Upland Deciduous
  - 🟢 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
- 🟤 122 - Road/Parking Lot
  - 🟢 310 - Herbaceous Openland
  - 🟡 320 - Upland Shrub
  - 🟢 500 - Water
  - 🟣 622 - Lowland Shrub
  - 🟢 623 - Emergent Wetland
  - 🟡 710 - Sand, Soil
  - 🟤 720 - Exposed Rock
  - 🟤 State Forest Land



# Stand Boundary Map

Compartment: 012  
 T41N R04E Sec. 01, 12  
 T41N R05E Sec. 4 - 9  
 T42N R05E Sec. 31, 32  
 County: Chippewa  
 Unit: Sault Ste. Marie  
 YOE: 2014  
 Acres: 1,620 GIS Calculated  
 Examiner: Jeff Wise  
 Map Revised: 08/08/2012  
 Map Phase: Pre-Review

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



- Legend**
- ✚ Remonumented Section Corners
  - ✚ Miris Corners
  - ◆ PLSS Corner
  - 🏠 Structures
  - 🛣 Highway
  - 🛣 County Paved Roads
  - 🛣 Paved Roads
  - 🛣 County Gravel Roads
  - 🛣 Gravel Roads
  - 🛣 Poor Dirt Roads
  - 🛣 County Poor Dirt Roads
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**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	79	0	0	0	0	18	0	0	0	0	6	0	0	0	103
Cedar	0	25	0	0	26	0	0	112	243	0	82	0	0	0	488
Exposed Rock	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Herbaceous Openland	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Lowland Aspen/Balsam Poplar	0	7	0	0	0	0	0	0	0	0	0	0	0	0	7
Lowland Conifers	0	0	0	0	0	0	0	0	0	18	0	0	0	0	18
Lowland Deciduous	0	0	0	0	0	0	0	0	5	0	0	0	0	0	5
Lowland Mixed Forest	0	0	0	0	0	0	0	0	6	17	0	0	0	0	23
Lowland Shrub	68	0	0	0	0	0	0	0	0	0	0	0	0	0	68
Marsh	26	0	0	0	0	0	0	0	0	0	0	0	0	0	26
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	48	24	0	0	0	72
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	9	0	0	0	9
Sand, Soil	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Upland Conifers	0	14	0	0	0	0	0	29	368	54	0	0	0	0	466
Upland Mixed Forest	0	75	0	0	34	8	0	0	6	0	0	0	0	0	122
Upland Shrub	14	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Upland Spruce/Fir	0	11	0	0	0	0	0	0	0	0	0	0	0	0	11
Urban	34	0	0	0	0	0	0	0	0	0	0	0	0	0	34
Water	146	0	0	0	0	0	0	0	0	0	0	0	0	0	146
<b>Total</b>	<b>375</b>	<b>133</b>	<b>0</b>	<b>0</b>	<b>59</b>	<b>26</b>	<b>0</b>	<b>141</b>	<b>627</b>	<b>138</b>	<b>121</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1620</b>



## Table 2 – Proposed Treatment Summaries

**Sault Ste. Marie Mgt. Unit**  
**Year of Entry 2014**

**Compartment 012**  
**Total Compartment Acres: 1620**

### Acres by Treatment Type

Commercial Harvest - 116	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>	18	0	0	0	0	0	0	18
<b>Mixed Upland Deciduous</b>	72	0	0	0	0	0	0	72
<b>Upland Conifers</b>	25	0	0	0	0	0	0	25
<b>Total</b>	116	0	0	0	0	0	0	116



Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
14	45012014-Cut	10.6	429 - Mixed Upland Conifers	High Density Pole	81		Harvest	Clearcut with Reserves	42290 - Natural Mixed Pine	Cmpt. Review Proposal
<p><u>Prescription</u> Harvest all species except pine and cedar. Winter cut- deer yard. Also, T/E survey needed. Do not cut in or operate on alvar or where natural features including T/E species occur. Buffer features appropriately. Do not reach into cedar pockets. No chipping of tops.</p> <p><u>Specs:</u></p> <p><u>Other Comments:</u></p> <p><u>Next Steps:</u> Follow up treatment with regeneration survey as per work instructions. Regeneration of present species acceptable.</p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										
22	45012022-Cut	14.4	42390 - Mixed Non-Pine Upland Conifers	High Density Pole	79		Harvest	Clearcut with Reserves	42290 - Natural Mixed Pine	Cmpt. Review Proposal
<p><u>Prescription</u> Harvest all species except pine and cedar, buffer Parish Lake by at least one chain, winter cut - deer yard. Also, do not reach into cedar pockets and leave close canopy areas; 100' buffer around Parish Lake preferred. No chipping of tops.</p> <p><u>Specs:</u></p> <p><u>Other Comments:</u> Fisheries: a road and small parking area for access to Parish Lake should be incorporated into the specifications for the timber sale in stand 22 if possible. Access to the small inland lakes on Drummond is limited and this would provide recreational fishing opportunities.</p> <p><u>Next Steps:</u> Follow up treatment with regeneration survey as per work instructions. Regeneration of present species acceptable.</p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										
40	45012040-Cut	48.4	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	95		Harvest	Clearcut with Reserves	4191 - Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal
<p><u>Prescription</u> Already on contract 45-008-10-01, winter cut - deer yard.</p> <p><u>Specs:</u></p> <p><u>Other Comments:</u></p> <p><u>Next Steps:</u> Follow up treatment with regeneration survey as per work instructions. Regeneration of present species acceptable.</p> <p><u>Proposed Start Date:</u> 09/22/2010</p>										
46	45012046-Cut	24.0	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	108		Harvest	Clearcut with Reserves	4191 - Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal
<p><u>Prescription</u> Harvest all species except pine, cedar, and any oak that may exist. winter cut - deer yard. Leave scattered mature trees representative of the stand including some larger aspen/poplar. No chipping of tops.</p> <p><u>Specs:</u></p> <p><u>Other Comments:</u></p> <p><u>Next Steps:</u> Follow up treatment with regeneration survey as per work instructions. Regeneration of present species acceptable.</p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										

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	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
55	45012055-Cut	18.2	4134 - Aspen, Spruce/Fir	Medium Density Pole	50		Harvest	Clearcut with Reserves	4134 - Aspen, Spruce/Fir	Cmpt. Review Proposal

Prescription: Already on contract 45-008-10-01, winter cut - deer yard

Specs:

Other

Comments:

Next Steps: Follow up treatment with regeneration survey as per work instructions. Regeneration of present species acceptable.

Proposed

Start Date: 09/22/2010

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**Total Treatment  
Acreage Proposed: 115.6**

**Table 4 -- Treatments Prescribed with  
a Limiting Factor**



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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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#Error

Prescription  
Specs:

Other  
Comment:

Next  
Steps:

Proposed  
Start Date: #Error

Limiting Factor and No  
Treatment Reason

**Total Treatment  
Acreage Proposed: 0**

**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
<b>45104_OutOfY OE-Cut</b>	19.8					Harvest	Crown Thinning	42110 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription</u> Thin to around 120 Basal Area. Leave species diversity within the stand were present.									
<u>Specs:</u>									
<u>Other</u> This was a buffer left along the creek from a sale called Golden Eagle.									
<u>Comments:</u>									
<u>Next</u>									
<u>Steps:</u>									
<u>Proposed</u>									
<u>Start Date:</u> 10/01/2013									
<b>45152062-Cut</b>	5.5	4115 - Y.Birch, Hemlock NH	High Density Log	76		Harvest	Clearcut with Reserves	4115 - Y.Birch, Hemlock NH	Cmpt. Review Proposal
<u>Prescription</u> Clear Cut the stand leaving all white pine, hemlock, cedar and yellow birch. Also, leave one healthy, mature red maple, black cherry, spruce, fir, paper birch or sugar maple in order to retain a representation of the stand.									
<u>Specs:</u>									
<u>Other</u> cut with adjacent compartment.									
<u>Comments:</u>									
<u>Next</u> Check for regeneration in 4-5 years. Acceptable regeneration will include red maple, yellow birch, hemlock, white pine, black cherry, sugar									
<u>Steps:</u> maple, aspen, ash, beech, and balsam fir.									
<u>Proposed</u>									
<u>Start Date:</u> 10/01/2011									
<b>45157_OutOfY OE-Cut</b>	0.7					Harvest	Low Thinning	42110 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription</u> Thin to around 120 Basal Area. Leave species diversity within the stand where present.									
<u>Specs:</u>									
<u>Other</u> cut with stand 1 in comp 158.									
<u>Comments:</u>									
<u>Next</u>									
<u>Steps:</u>									
<u>Proposed</u>									
<u>Start Date:</u> 10/01/2013									
<b>45195_OutOfY OE-Cut</b>	27.3					Harvest	Single Tree Selection	4111 - S.Maple, Hard Mast Association	Cmpt. Review Proposal
<u>Prescription</u> Cut all of the beech in the stand. Mark 2-3 beech to leave when cruising.									
<u>Specs:</u>									
<u>Other</u> Beech bark disease is affecting the beech within this stand.									
<u>Comments:</u>									
<u>Next</u> Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, beech, yellow and									
<u>Steps:</u> paper birch, ironwood, balsam fir, white spruce and white pine.									
<u>Proposed</u>									
<u>Start Date:</u> 10/01/2013									
<b>45202_OutOfY OE-Cut</b>	449.6					Harvest	Single Tree Selection	4111 - S.Maple, Hard Mast Association	Cmpt. Review Proposal
<u>Prescription</u> Cut all beech in the stand. While cruising mark 2-3 beech per acre to leave.									
<u>Specs:</u>									
<u>Other</u> Beech bark disease is present in the stand.									
<u>Comments:</u>									
<u>Next</u> Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, beech, yellow and									
<u>Steps:</u> paper birch, ironwood, balsam fir, white spruce and white pine.									
<u>Proposed</u>									
<u>Start Date:</u> 10/01/2012									

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
Total Treatment Acreage Proposed:		502.9							

Stand	Sault Ste. Marie Mgt. Unit		5 – Forested Stands			Compartment: 012
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Year of Entry: 2014
						General Comments:
2	42360 - Upland Cedar	High Density Pole	9.3	76		Was A4 in OI but looks like aspen has fallen out and stand has become mostly cedar with some regen of aspen, makes it "look" younger. Patches of mature aspen to validate its age. Old blue line still visible on west boundary from old sale never cut, many fire scarred stumps.
5	42360 - Upland Cedar	High Density Pole	8.8	83		Similar to all surrounding stands, many fire scarred stumps and a trace of white pine, borders M-134 and the Quarry Rd.
6	42380 - Non Pine Upland Conifer, Mixed Deciduous	High Density Sapling	15.0	76		Unproductive with many fire scarred stumps, looks perpetually multi aged but current age seems appropriate, old cedar with small diameters.
7	6132 - Mixed Lowland Forest with Cedar	High Density Pole	5.9	81		Low and wet with tag alder and cedar, more of a cedar stand really with aspen just taking up more canopy.
9	42360 - Upland Cedar	High Density Pole	14.4	83		Same general age and composition as surrounding stands, perhaps a better site, some areas have no subcanopy, and there are little bits of lowland, many fire scarred stumps.
10	42360 - Upland Cedar	High Density Pole	32.4	83		Stand borders M-134 on the north and the Quarry Road on the south, some areas have no subcanopy, similar to all surrounding stands, many fire scarred stumps.
11	42360 - Upland Cedar	Medium Density	33.2	85		Lots of cedar regen, not browsed, fire scarred stumps, unproductive ground take cedar longer to establish.
13	42390 - Mixed Non-Pine Upland Conifers	Medium Density	32.7	81		Borders Whitney Bay Road, patchy cedar regen between poles and saps, probably low site quality at that age, similar to all surrounding stands in composition.
14	429 - Mixed Upland Conifers	High Density Pole	10.6	81		Nice patch of mature aspen with a mix of spruce and even some red pine.
15	42360 - Upland Cedar	High Density Sapling	14.3	81		Similar to stand 22 but much thicker with cedar and balsam fir regen than other stands which may indicate a past harvest, many fire scarred stumps, corner in stand.
16	42360 - Upland Cedar	Medium Density Pole	22.1	79		Borders Whitney Bay Rd, very similar to stand 12 but more aspen, more cedar saps, and a little smaller diameter overall, grades into lowland toward the south at the shore of Parish Lake, corner in stand
18	42360 - Upland Cedar	High Density Pole	37.4	80		Isolated stand on barbed Point
22	42390 - Mixed Non-Pine Upland Conifers	High Density Pole	14.4	79		Mostly white spruce with a very nice pocket of natural red pine, corners and east line is in.
23	42360 - Upland Cedar	Medium Density Pole	28.6	79		Not really up land but not wet, much cedar regen, not browsed.



S t a n d	Sault Ste. Marie Mgt. Unit		5 – Forested Stands			Compartment: 012
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Year of Entry: 2014
						General Comments:
24	4319 - Mixed Upland Forest	High Density Pole	8.2	50		Borders Jones lake, good buffer, no cut
25	42360 - Upland Cedar	High Density Sapling	10.1	17		Very similar to stand 22, however, this stand was cut in the early nineties with stand 69, great cedar regen and deer are not browsing it, many fire scarred stumps.
27	4319 - Mixed Upland Forest	High Density Sapling	61.2	15		Upland but low and wet in areas was cut 15 years ago but probably was more picked over, spruce and cedar have bigger diameter.
28	6118 - Lowland Deciduous with Cedar	High Density Pole	4.6	86		Small lowland stand, more mature than 47 with balm and aspen, has drainages and some areas have no subcanopy, corner in stand.
30	6120 - Lowland Cedar	High Density Pole	51.9	79		Surrounds Jones lake. thick lowland cedar.
33	42360 - Upland Cedar	High Density Pole	1.6	80		Isolated stand on Third Point, trespass dock at cabin resort.
34	4135 - Aspen, Cedar	High Density Pole	5.9	108		Buffer left around pvt before a survey was complete, leave for diversity.
36	4135 - Aspen, Cedar	Low Density Sapling	47.4	5		Regen OK, still sparse and open in areas, this stand was sparse before it was cut, cedar reserved but there wasn't much.
37	4110 - Sugar Maple Association	High Density Log	9.1	100	51-80	Not much understory except spruce and balsam, people have illegally cut firewood here.
38	42340 - Upland Spruce/Fir	High Density Sapling	11.1	13		Nice regen of aspen and balm, cedar was cut and is regenerating slowly, some residual poles left.
39	42380 - Non Pine Upland Conifer, Mixed Deciduous	Low Density Sapling	53.7	93		Alvarish looking in areas, unproductive, lots of cedar regen not browsed, rocks and boulders, with heavy brush, fire scared stumps, north is a little more open, pvt line has been painted blue on north and south sides.
40	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	48.4	95		
42	42390 - Mixed Non-Pine Upland Conifers	High Density Pole	16.4	87		Cedar saps approaching pole size, just takes longer on these unproductive sites, boulders and fire scared stumps, more of a mix but still cedar type.
43	6139 - Mixed Lowland Forest	Medium Density Pole	17.3	95		Was part of stand 39 in old inventory but too wet and sparse for a sale, unproductive area.
44	42390 - Mixed Non-Pine Upland Conifers	High Density Pole	216.2	82		Power line through east part of stand, lots cedar regen not browsed, fire scared stumps, scattered white and red pines, corner in south part of stand on the edge with stand 50.



S t a n d	Sault Ste. Marie Mgt. Unit		5 – Forested Stands			Compartment: 012
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Year of Entry: 2014
						General Comments:
46	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	24.0	108		Mature stand of mixed upland conifer, aspen, birch, some lowland, road into stand, good access off Quarry Rd, fire scared stumps.
47	6120 - Lowland Cedar	High Density Pole	9.9	103		Typical cedar swamp with leather leaf and other bog species.
48	42360 - Upland Cedar	High Density Pole	71.7	103		Similar to stands farther west, mostly cedar with upland and lowland areas, wet to rocky,
49	4319 - Mixed Upland Forest	High Density Pole	8.7	48		Rocky, not ready for another treatment yet, pvt line is in good.
50	42360 - Upland Cedar	High Density Pole	3.2	80		Isolated stand on the north point of the entrance to Fairview Cove
51	4319 - Mixed Upland Forest	Medium Density	13.4	14		Regenerating nicely, open in spots, with brush.
53	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	18.5	94		More of the lowland conifer mix, has a pocket of black ash, and pockets of pure cedar, fire scared stumps,
54	4134 - Aspen, Spruce/Fir	Medium Density	31.4	5		Regen good, residual ceap poles left, some ares still sparse though.
55	4134 - Aspen, Spruce/Fir	Medium Density Pole	18.1	50		On contract 45-008-010-01
57	42360 - Upland Cedar	Medium Density	15.0	18		Amazing cedar regen not browsed, residual of cedar and spruce left after harvest, old fire scared stumps.
60	4319 - Mixed Upland Forest	Medium Density	24.9	40		Sparse and rocky, low quality and productivity, fire scared stumps, appears to be in perpetual state of regeneration, spectacular views from the bluff on the west and north side, worth a look.
61	4319 - Mixed Upland Forest	High Density Pole	5.7	87		Looks like part of an old harvest that was left, leave as a buffer between recent harvests and for diversity.
62	6120 - Lowland Cedar	High Density Pole	38.4	88		Lowland but not wet, fire scared stumps.
63	42390 - Mixed Non-Pine Upland Conifers	High Density Pole	60.2	84		Like stand 47, however, separated by a huge wetland, lots of cedar regen in the under and over story and deer are not browsing it, a small patch of red pine at south end, scattered white pine < 2%.
64	6112 - Lowland Aspen	Medium Density	7.4	15		Nice regen in the north.



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Sault Ste. Marie Mgt. Unit

## 5 – Forested Stands

Compartment: 012  
Year of Entry: 2014

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
65	42390 - Mixed Non-Pine Upland Conifers	High Density Pole	32.0	87		Lots of cedar regen not browsed, older, approaching pole size, low productivity on this ground takes cedar longer to establish, fire scared stumps,
67	42360 - Upland Cedar	High Density Pole	8.9	87		Same as stand 60 but more mature stocking of cedar, fire scared stumps.
69	42390 - Mixed Non-Pine Upland Conifers	High Density Sapling	14.4	14		More cedar regen than you can imagine, take a look, there is no shortage of cedar regen in this comp and this stand shows it!
70	42360 - Upland Cedar	High Density Sapling	25.8	48		Thick with regen of balsam and cedar and deer are not browsing it, low quality though, rocky, huge boulder mountain in the middle, fire scared stumps.
72	42360 - Upland Cedar	High Density Pole	44.9	88		Power line through stand, very similar to other stands adjacent to this, fire scared stumps, measured a 30 inch cedar down near the water, may have been picked over at one time, it has areas of regen in the 4-5 inch range, but no cutting history was found.
73	42360 - Upland Cedar	High Density Pole	5.5	83		Power line through stand, island along the road, cedar in the understory, accessible but too rocky, similar to other stand nearby.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
1	720 - Exposed Rock	1.0	N/A	Unspecified	
3	3205 - Mixed Upland Shrub	14.1	N/A	Unspecified	
4	6223 - Inundated Shrub Swamp	2.8	N/A	Unspecified	
8	3105 - Mixed Upland Herbaceous	2.8	N/A	Unspecified	
12	6229 - Mixed lowland shrub	3.6	N/A	Unspecified	
17	50 - Water	12.3	N/A	Unspecified	
19	6223 - Inundated Shrub Swamp	6.1	N/A	Unspecified	
20	50 - Water	37.6	N/A	Unspecified	
21	6229 - Mixed lowland shrub	12.6	N/A	Unspecified	
26	6229 - Mixed lowland shrub	1.3	N/A	Unspecified	
29	6229 - Mixed lowland shrub	2.7	N/A	Unspecified	
31	50 - Water	15.2	N/A	Unspecified	
32	122 - Road/Parking Lot	34.4	N/A	Unspecified	
35	720 - Exposed Rock	1.5	N/A	Unspecified	
41	6239 - Mixed Emergent Wetland	12.6	N/A	Unspecified	
45	50 - Water	2.3	N/A	Unspecified	
52	6223 - Inundated Shrub Swamp	23.2	N/A	Unspecified	
56	50 - Water	69.9	N/A	Unspecified	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
58	6239 - Mixed Emergent Wetland	4.8	N/A	Unspecified	
59	50 - Water	8.4	N/A	Unspecified	
66	710 - Sand, Soil	1.5	N/A	Unspecified	
68	6229 - Mixed lowland shrub	2.8	N/A	Unspecified	
71	6229 - Mixed lowland shrub	13.2	N/A	Unspecified	
74	6239 - Mixed Emergent Wetland	9.0	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



**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
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of natural communities that have been identified as Element Occurrences (EOs) by the Michigan Natural Features Inventory (MNFI) within the context of their natural community classification system. Element Occurrences with viability ranks of A (Excellent) or B (Good) and a Global (G) or State (S) element (rarity) ranking of endangered (1), threatened (2), or rare (3) serve as an initial base of ERAs. They may be located upon any ownership in the State. The system is comprised of individual or associations of natural community types that are managed for restoration and maintenance of natural ecological processes and values. The public may submit recommendations for lands as ERAs using the DNR Conservation Area Recommendation Form.
SCA	Great Lakes Islands	Great Lakes Islands provide significant habitat for numerous species, including many rare plants and animals, several of which are endemic or largely restricted to the Great Lakes region. Due to their isolation, islands provide good examples of many Great Lakes-associated natural communities and ecosystems, and thus have potential to provide insights for understanding the consequences of human disturbance on the increasingly fragmented ecosystems of the mainland.