



# Compartment Review Presentation

## Sault Ste. Marie Forest Management Unit

Compartment 45128

Entry Year 2017

Acreage: 1,585

County Mackinac

Management Area: Sage Truck Trail

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**Revision Date:** 2015-08-07

**Stand Examiner:** Cory Luoto

### Legal Description:

T44N-R7W Sections 22, 23, & 26, Hendricks Township.

### Identified Planning Goals:

This compartment is located approximately four miles northwest of Rexton. The land cover types within this compartment are quite diverse. The cover types include a large bog and swamp complex, hardwood, aspen, pine, cedar, swamp conifer, and a few grassy openings. The majority of the hardwood in the stand was treated during the previous entry year. The hardwood that wasn't treated ready to be harvested. The planted pine will need to be monitored for release and pest concerns.

### Soil and topography:

The uplands are generally Wallace sands and Paquin sand. Lowlands and swamps consist primarily of Markey and Carbondale mucks, with Spot-Finch and Markey-Spot-Finch Complexes. Level lowlands to rolling uplands.

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

The compartment is primarily surrounded by state land. Section 22 has two private forties, section 23 has 6 private forties and section 26 is entirely state owned. Fiborn Quarry lies to the northwest also there are several camps on the private land.

### Unique Natural Features:

Fiborn Quarry, caves and other karst features lie to the northwest. There is a potential for rare threatened or endangered plant and animal species within the compartment. Stands to be managed will be checked for species of concern. Management will be modified per management guidelines for that species if species are found within those stands or would be affected by treatment of the stands.

### Archeological, Historical, and Cultural Features:

Fiborn Quarry, the old town of Fiborn, and the Canadian Nation Railroad are just north of the compartment

### Special Management Designations or Considerations:

None.

### Watershed and Fisheries Considerations:

Fisheries Values: Moderate

Fisheries Concerns: Hendrie River headwaters. Beaver damming already occurring in this portion of the watershed, however anglers still target these types of conditions for brook trout. A fair amount of groundwater input in this section creates suitable conditions for native brook trout. South Branch Hendrie is a designated trout stream. Using the priority stream buffer of 300 feet should be adhered to. This is standard BMP practice for a priority trout stream.

### Wildlife Habitat Considerations:

This compartment lies within the Sage Truck Trail Management Area (MA) southeast of Fiborn Quarry. Featured species in the MA include black bear, white-tailed deer, snowshoe hare, American marten, and ruffed grouse. This is a diverse compartment, composed of mixed forest, lowland brush, spruce, lowland conifer, with some hardwood and aspen scattered throughout. The entire compartment is part of a deer wintering complex. County Road H-40 divides the compartment, and much of the area south of the road is lowland. The south end of the compartment includes a portion of a larger muskeg. Treatments will be limited, in part, by access to stands. A northern hardwood stand is slated for treatment, which will increase stand diversity by encouraging young understory growth. Treatment here will likely be done in conjunction with treatments in the adjacent compartment. Harvests will generally take place during the winter months so tops can be available as browse for wintering deer. Lowland conifer stands, particularly cedar, will be left to maintain cover for deer and other species. Wetlands will be maintained for wetland wildlife. The limited access and retained stands within the rest of this compartment will favor bear and marten, while younger stands present benefit ruffed grouse and snowshoe hare as well as other species associated with these types.

### Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of peat and muck and lacustrine sand and gravel. Surface sediments are thin to discontinuous in places. There is insufficient data to determine the glacial drift thickness (~10-100 feet). The Silurian Manistique and Burnt Bluff groups subcrop below the glacial drift. The Burnt Bluff has been quarried for stone/limestone just to the north at Fiborn Quarry, and there could be additional limestone potential in the compartment. Graymont's proposed underground limestone mine is just to the southwest. The E½ NE¼ of Section 22 was part of the Graymont mineral exchange approved early in 2015. A gravel pit is located two miles to the southwest, but there may be some potential on uplands. There is no current economic oil and gas production in the UP.

**Vehicle Access:**

H-40, a paved county road, runs through the center of the compartment. The west edge is bordered by the Fiborn Quarry Road, which is a gravel county road. The southern upland islands of the compartment can be accessed from the Molly-Gibson Road which is a state owned gravel road within the compartment but is a Chippewa County Road one mile to the east. The drivable portion of the Molly-Gibson Road ends just west of the compartment boundary. There are also several two track roads that access the stands that have been managed in the past.

**Survey Needs:**

None.

**Recreational Facilities and Opportunities:**

The Molly-Gibson Road is a groomed snowmobile trail. No other formal recreational facilities exist within this compartment. However, the area is used for hunting deer, bear and small game, trapping, snowmobiling, and ORVing.

**Fire Protection:**

This is a low fire danger area.

**Additional Compartment Information:**

None.

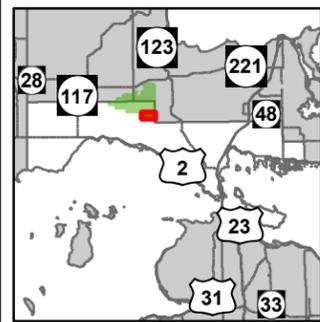
**The following reports from the Inventory are attached:**

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

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

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

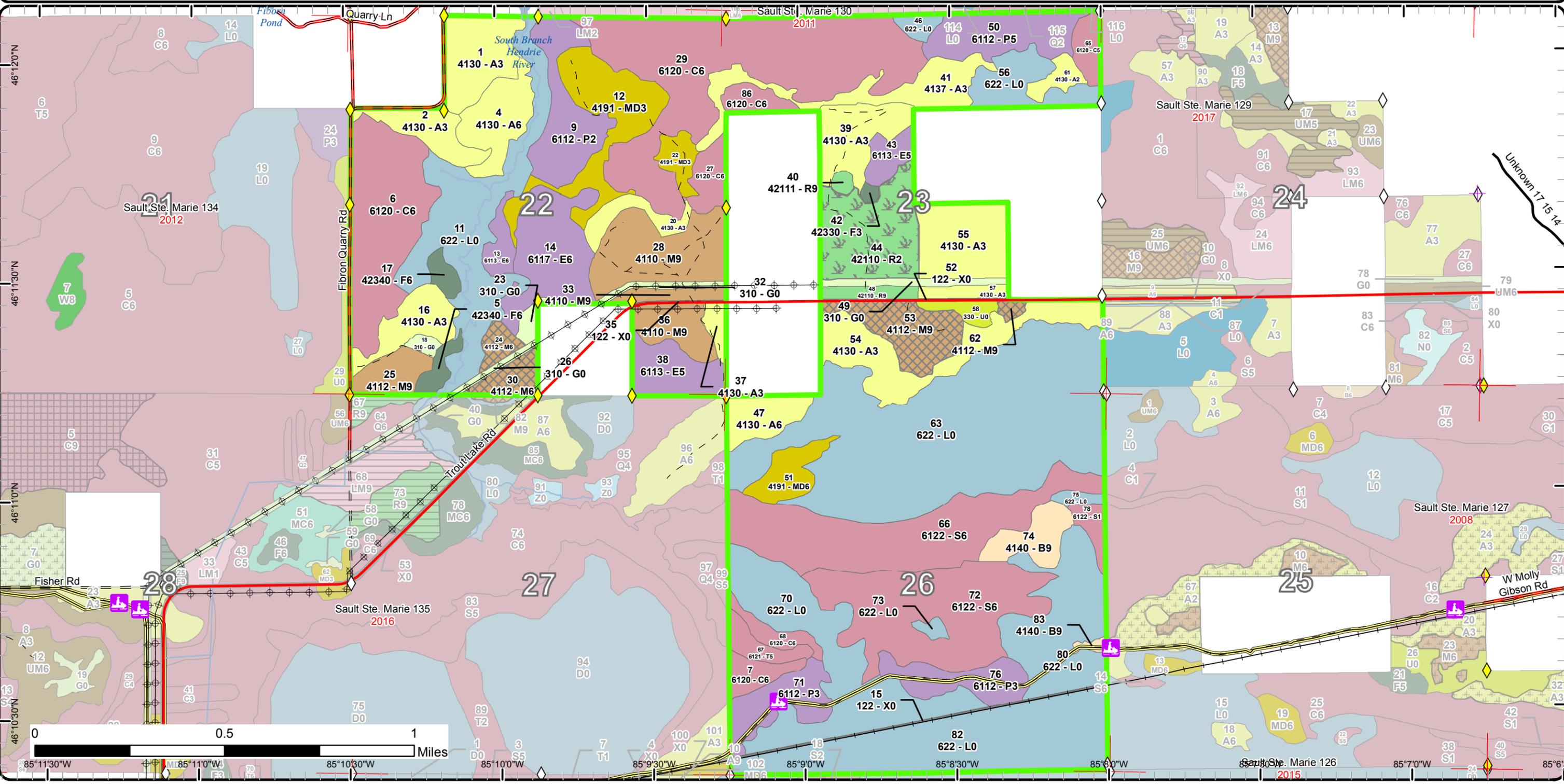
# Cover Type & Treatments



Compartment: 128  
 T44N, R07W, Sec: 22, 23, 26  
 County: Mackinac  
 Unit: Sault Ste. Marie  
 Mgmt Area: Sage Truck Trail  
 YOE: 2017  
 Acres: 1585 GIS Calculated  
 Examiner: Cory Luoto  
 Map Revised: 8/10/2015  
 Map Phase: Review

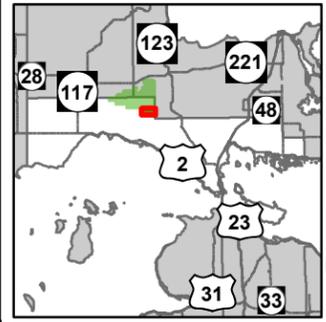


- ✚ Remonumented Section Corners
- ◆ Survey Grade GPS Corners
- ◇ Field Grade GPS Corners
- Miris Corners
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- 🚙 Snowmobile Trails
- Railroads
- Rivers
- Lakes
- ⚡ Powerline
- Treatments
- ▨ Selection (Group, Single Tree)
- ☒ Pesticide
- Forest Covertype
- 411 - Northern Hardwood
- 413 - Aspen
- 414 - Other Upland Deciduous
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 423 - Other Upland Conifers
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- Non-Forest Covertype
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub



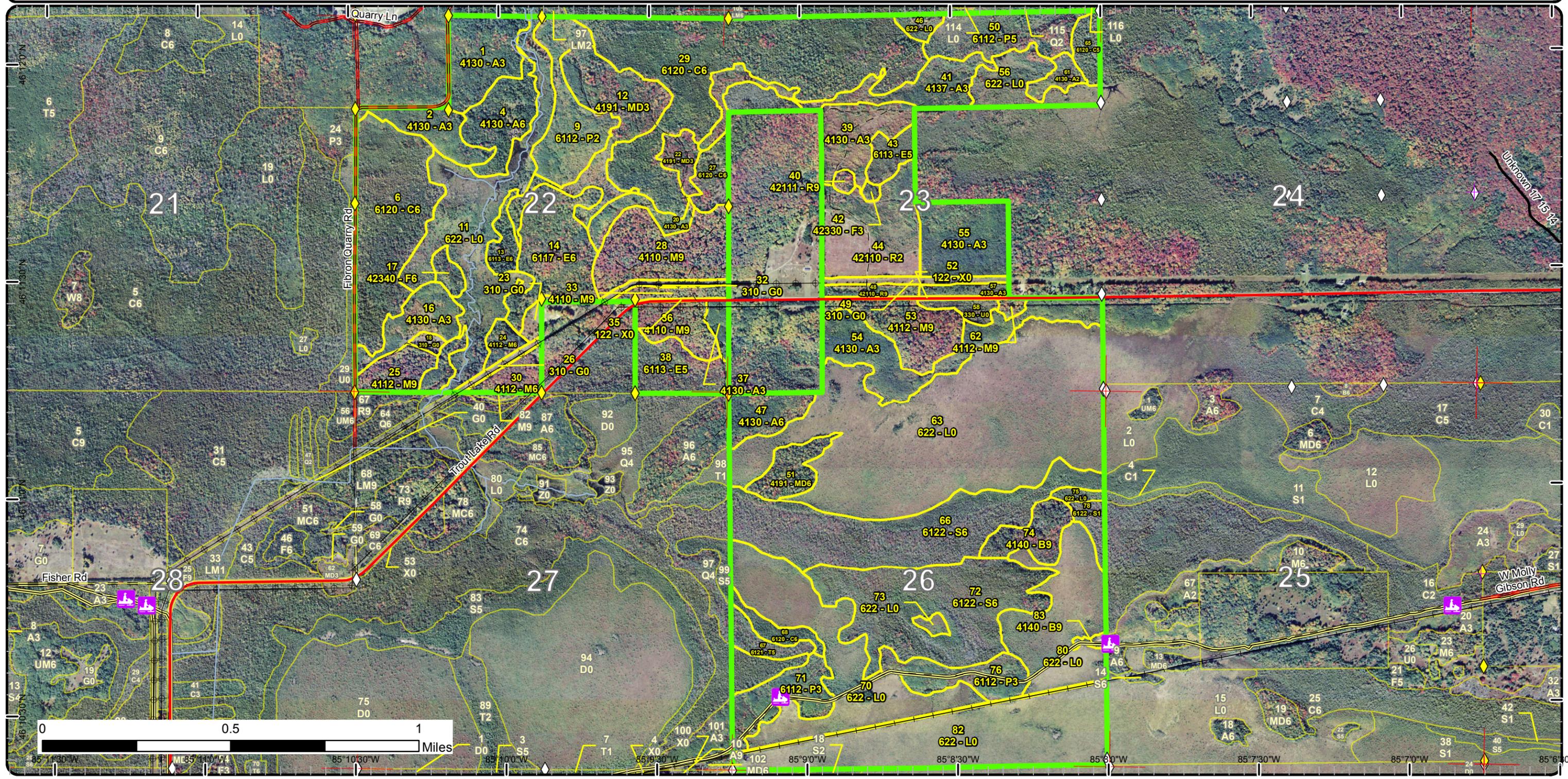
85°11'30"W 85°11'00"W 85°10'30"W 85°10'00"W 85°9'30"W 85°9'00"W 85°8'30"W 85°8'00"W 85°7'30"W 85°7'00"W

# Stand Boundary Map



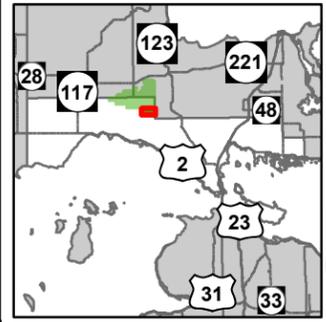
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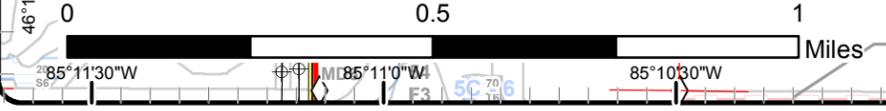
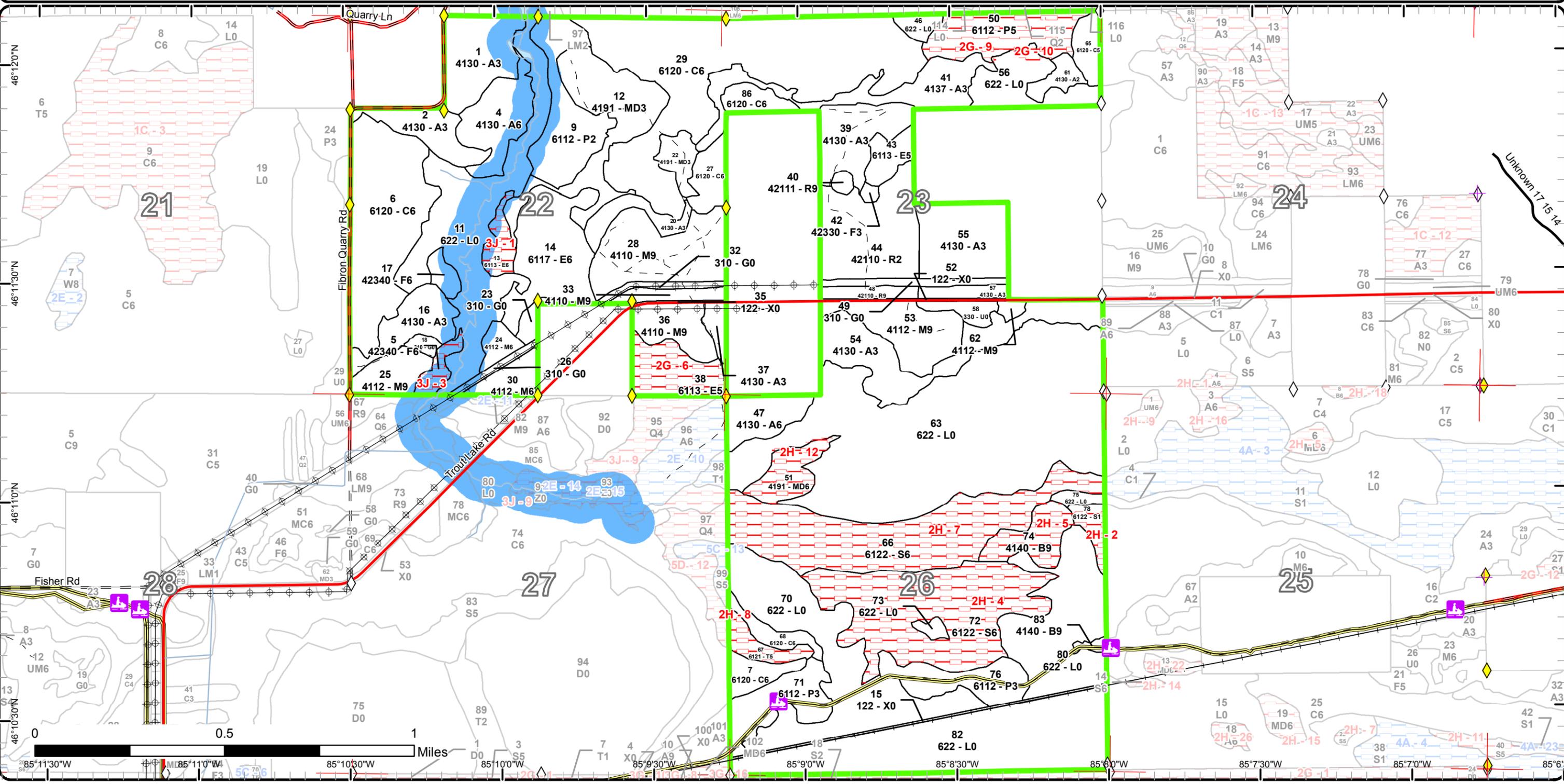


# Special Conservation Areas & Site Conditions Map

Compartment: 128  
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 County: Mackinac  
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- Gravel Roads
- Poor Dirt Roads
- 🏠 Snowmobile Trails
- Railroads
- Rivers
- ⊕ Powerline
- ▭ Stand Boundaries
- Site Condition
- Unavailable
- Unavailable Factors
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3J: Water quality / BMPs (stream, river, or lake)
- Special Conservation Areas
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer



Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	0	78	99	26	37	0	0	0	0	0	0	0	0	0	0	0	0	240
Cedar	0	0	0	0	0	0	0	0	0	10	23	125	70	0	0	0	0	0	228
Herbaceous Openland	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
Low-Density Trees	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Lowland Aspen/Balsam Poplar	0	0	72	0	0	0	0	27	0	0	0	0	0	0	0	0	0	0	99
Lowland Deciduous	0	0	0	0	0	0	45	0	19	7	0	0	0	0	0	0	0	0	71
Lowland Shrub	499	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	499
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	0	80	78	6	0	0	0	0	0	164
Mixed Upland Deciduous	0	0	0	38	7	0	0	0	13	0	0	0	0	0	0	0	0	0	58
Northern Hardwood	0	0	0	0	0	0	0	0	14	64	9	0	0	0	0	0	0	25	112
Paper Birch	0	0	0	0	0	0	2	0	15	0	0	0	0	0	0	0	0	0	17
Red Pine	0	41	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	48
Tamarack	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	8
Upland Spruce/Fir	0	0	0	0	0	1	0	10	0	0	0	0	0	0	0	0	0	0	11
Urban	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
<b>Total</b>	<b>530</b>	<b>41</b>	<b>150</b>	<b>137</b>	<b>33</b>	<b>38</b>	<b>47</b>	<b>45</b>	<b>68</b>	<b>81</b>	<b>112</b>	<b>203</b>	<b>76</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>25</b>	<b>1586</b>



## Report 2 – Treatment Summary

Sault Ste. Marie Mgt. Unit  
Year of Entry: 2017

Acres of Harvest

Compartment 128  
Total Compartment Acres: 1,585

Commercial Harvest - 41  
Harvests with Site Condition - 0  
Next Step Harvest - 0  
Habitat Cut - 0

### Cover Type by Harvest Method

		Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Northern Hardwood		0	41	0	0	0	0	0	0	0	41
	<b>Total</b>	<b>0</b>	<b>41</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>41</b>

### Proposed and Next Step Treatments by Method

		Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current		41	0	0	0	0	40	0	0	0	80
Next Step		0	0	0	0	0	80	0	0	0	80
	<b>Total</b>	<b>41</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>40</b>	<b>80</b>	<b>0</b>	<b>0</b>	<b>161</b>



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
24	45128024-Cut	5.4	4112 - Maple, Beech, Cherry Association	Poletimber Well	81	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	Draft Field Boundary

**Habitat Cut: No**

**Site Condition:**

Prescription Mark stand to 80 to 90 Basal Area. Retain some beech with the smooth bark and wildlife trees. Some ironwood, basswood and all junberry and conifer should be left. Some larger canopy gaps may be desirable around the cherry and yellow birch if possible to regenerate those species and enhance the advanced regeneration present.

Next Step  
Treatments:

Acceptable Maple, cherry, beech, paper and yellow birch, balsam fir, spruce, aspen and hemlock.  
Regen:

Other Old next step comments: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is maple, cherry, beech, paper and yellow birch, basswood, aspen, fir and ironwood.  
Comment:

Proposed Start Date: 10/1 /2016

30	45128030-Cut	8.8	4112 - Maple, Beech, Cherry Association	Poletimber Well	91	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	Draft Field Boundary
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**Habitat Cut: No**

**Site Condition:**

Prescription Mark stand to 80 to 90 Basal Area. Retain some beech with the smooth bark and wildlife trees. Some ironwood, basswood and all junberry and conifer should be left. Some larger canopy gaps may be desirable around the cherry and yellow birch if possible to regenerate those species and enhance the advanced regeneration present.

Next Step  
Treatments:

Acceptable Maple, cherry, beech, paper and yellow birch, balsam fir, spruce, aspen and hemlock.  
Regen:

Other Old next step comments: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is maple, cherry, beech, paper and yellow birch, basswood, aspen, fir and ironwood.  
Comment:

Proposed Start Date: 10/1 /2016

44	45128044-Cut_Spray	39.6	42110 - Planted Red Pine	Sapling Medium	8	Immature	Pesticide	Hand Application	42110 - Planted Red Pine	Unspecified	Draft Field Boundary
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**Habitat Cut: Yes**

**Site Condition:**

Prescription  
Specs:

Next Step  
Treatments:

Acceptable  
Regen:

Other Old next step comments: After harvest, burn, trench and plant. One year after harvest an regen check will need to be done. Depending on the results of the survey an herbicide application may be needed to reduce competition.  
Comment:

Proposed Start Date: 6 /1 /2011

53	45128053-Cut	24.7	4112 - Maple, Beech, Cherry Association	Sawtimber Well	91	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	Proposal
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**Habitat Cut: No**

**Site Condition:**

Prescription Mark stand to 80 to 90 Basal Area. Retain some beech with the smooth bark and wildlife trees. Some ironwood, basswood and all junberry and conifer should be left. Some larger canopy gaps may be desirable around the cherry and yellow birch if possible to regenerate those species and enhance the advanced regeneration present. Winter cut (Dec.1-Mar. 31) to allow tops to be available as browse for wintering deer.

Next Step  
Treatments:

Acceptable Aspen, maple, cherry, beech, yellow and paper birch, ironwood, balsam fir, white spruce, black spruce, cedar, tamarack and white pine.  
Regen:

Other Old next step comments:  
Comment:

Proposed Start Date: 10/1 /2016



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	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
62	45128062-Cut	2.0	4112 - Maple, Beech, Cherry Association	Sawtimber Well	77	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	Proposal

**Habitat Cut: No**

**Site Condition:**

Prescription Mark stand to 80 to 90 Basal Area. Retain some beech with the smooth bark and wildlife trees. Some ironwood, basswood and all junberry and conifer should be left. Some larger canopy gaps may be desirable around the cherry and yellow birch if possible to regenerate those species and enhance the advanced regeneration present. Winter cut (Dec.1-Mar. 31) to allow tops to be available as browse for wintering deer.

Next Step  
Treatments:

Acceptable Aspen, maple, cherry, beech, yellow and paper birch, ironwood, balsam fir, white spruce, black spruce, cedar, tamarack and white pine.  
Regen:

Other Old next step comments:  
Comment:

Proposed Start Date: 10/1 /2016

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**Total Treatment Acreage Proposed: 80.5**

Dominant Site Conditions

	2G	2H	3J
Aspen			
Cedar			
Herbaceous Openland			
Low-Density Trees			
Lowland Aspen/Balsam Poplar	27		
Lowland Deciduous	19		7
Lowland Shrub	2	1	
Lowland Spruce/Fir		164	
Mixed Upland Deciduous		13	
Northern Hardwood			
Paper Birch		15	
Red Pine			
Tamarack		8	
Upland Spruce/Fir			5
Urban			
Total Forested Acres	48	200	12
Relative Percent			

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
2	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

## Report 5 – Site Conditions

Sault Ste. Marie Mgt. Unit

Cory Luoto : Examiner

Compartment: 128

Year of Entry: 2017

3	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	5	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
4	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	78	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
5	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	15	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	19	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
7	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	80	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
8	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	8	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 5 – Site Conditions

Sault Ste. Marie Mgt. Unit

Cory Luoto : Examiner

Compartment: 128

Year of Entry: 2017

9	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	18	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
10	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	11	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
12	<b>Unavailable</b>	<b>2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)</b>	14	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments

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## Report 7 – EXISTING SPECIAL CONSERVATION AREA DETAILS

\* This is a list of SCA's for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to the Special Conservation Area Map for locations of the below listed Conservation Areas.

ERA = Ecological Reference Area  
 HCVA = High Conservation Value Area  
 SCA = Special Conservation Area

Conservation Area	Type	Description
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
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.
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.
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.

S t a n d	Sault Ste. Marie Mgt. Unit		Report 8 – Forested Stands			Compartment: 128	General Comments:
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Year of Entry: 2017	
1	4130 - Aspen	Sapling Well	26.0	31			
2	4130 - Aspen	Sapling Well	15.5	27	Unspecified		Nice Aspen Stand, some balsam in the understory but overall pretty open.
4	4130 - Aspen	Poletimber Well	22.3	42	Unspecified		
5	42340 - Upland Spruce/Fir	Poletimber Well	5.4	62	51-80		Mackinac Mix stand along river.
6	6120 - Lowland Cedar	Poletimber Well	61.6	114	Unspecified		Cedar stand with some white birch and nice yellow birch. There is also some white pine and soft maple but both are less than 2%.
7	6120 - Lowland Cedar	Poletimber Well	8.3	97	Unspecified		Decent cedar stand, cedar seedlings doing well. Extremely wet, some white birch is dying.
9	6112 - Lowland Aspen	Sapling Medium	30.6	13	Immature		Stand was coded as an upland brush stand last entry. The regeneration has now started growing pretty good. This is a wetter site and it took a little longer to regenerate.
12	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	38.0	22	Immature		A few scattered large white pine but < 2%
13	6113 - Lowland Maple	Poletimber Well	7.1	83	81-110		Wet red Maple stand, part of river corridor.
14	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	37.2	53	111-140		
16	4130 - Aspen	Sapling Well	17.1	12	Unspecified		Stand cut during winter of '30 - '04, aspen about 4' tall
17	42340 - Upland Spruce/Fir	Poletimber Well	4.4	62	Unspecified		Mackinac Mix stand along river.
20	4130 - Aspen	Sapling Well	9.3	22	Unspecified		ASpen doing fairly good, lots of black knot on the cherry.
22	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	7.4	31	1-50		Variable stand, a little of everything. This stand is just transitioning into poles.
24	4112 - Maple, Beech, Cherry Association	Poletimber Well	5.4	81	111-140		Heavy deer browse where there is regen
25	4112 - Maple, Beech, Cherry Association	Sawtimber Well	12.1	71	51-80		Decent hardwood stand, thinned in the summer of 2010.





	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
27	6120 - Lowland Cedar	Poletimber Well	9.9	82	51-80	Stand was cut in the winter of 2010. The north part has alot of cedar left and the south is more of a clearcut. The subcanopy age is from the harvest.
28	4110 - Sugar Maple Association	Sawtimber Well	37.8	83	51-80	Nice hardwood site, regen is doing really well in previous cutting's regen gaps. Stand was thinned in the summer of 2010. (Heathers Hardwood)
29	6120 - Lowland Cedar	Poletimber Well	124.5	104	Unspecified	
30	4112 - Maple, Beech, Cherry Association	Poletimber Well	8.8	91	111-140	Stand needs to be thinned, heavy browse on regen that is present
33	4110 - Sugar Maple Association	Sawtimber Well	6.2	83	51-80	Strip of hardwood between powerline and H-40.
36	4110 - Sugar Maple Association	Sawtimber Well	15.0	88	51-80	Nice Hard Maple stand. Stand wad thinned in the summer of 2010. (Heathers Hardwood) Really nice crop trees.
37	4130 - Aspen	Sapling Well	4.4	18	Immature	Nice young aspen, very little balsam in the understory.
38	6113 - Lowland Maple	Poletimber Medium	19.4	75	51-80	Very wet lowland hardwoods with a little bit of everything.
39	4130 - Aspen	Sapling Well	22.5	12	Immature	Untrenched portion of pine clearcut, this portion will be allowed to come back to aspen, some wet spots in stands.
40	42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Well	1.9	75	141-170	Small portion of stand left because of hawk nest in stand.
41	4137 - Aspen, Birch	Sapling Well	28.0	18	Unspecified	Regen is variable and spotty.
42	42330 - Upland Fir	Sapling Well	1.3	43	Unspecified	Very thick balsam stand.
43	6113 - Lowland Maple	Poletimber Medium	8.2	51	1-50	wet, variable maple stand with Bam, cedar, and spruce
44	42110 - Planted Red Pine	Sapling Medium	40.6	8	Immature	South part planted in 2009 and the north was done in 2002.
47	4130 - Aspen	Poletimber Well	14.4	42	Unspecified	Nice young aspen stand, cut in 10 - 20 yrs.
48	42110 - Planted Red Pine	Sawtimber Well	5.5	75	1-50	Portion of pine plantation between H-40 and powerline ROW. Stand was cut in 2008. Representative trees were left throughout the stand.
50	6112 - Lowland Aspen	Poletimber Medium	27.4	61	Unspecified	Sparce, wet aspen stand, very similar to stand directly east but lacks the white pine.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
51	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	12.8	73	81-110	Nice Birch stand, absolutely no chance at harvesting stand, blocked by a large bog.
53	4112 - Maple, Beech, Cherry Association	Sawtimber Well	24.7	91	111-140	Stand is ready to be thinned. Very wet this time of the year. (Spring)
54	4130 - Aspen	Sapling Well	39.5	24	Unspecified	Nice young aspen, slightly more quaking than bigtooth
55	4130 - Aspen	Sapling Well	29.9	24	Unspecified	Nice young Aspen
57	4130 - Aspen	Sapling Well	5.1	24	Unspecified	Stand is in between H-40 and powerline ROW
61	4130 - Aspen	Sapling Medium	5.8	18	Unspecified	Regen is spotty in some spots.
62	4112 - Maple, Beech, Cherry Association	Sawtimber Well	2.0	77	111-140	Small hardwood stand next to H-40, beech bark disease on the few beech in the stand. Thin with stand 53.
65	6120 - Lowland Cedar	Poletimber Medium	7.6	114	Unspecified	Canopy is sparse in some areas.
66	6122 - Black Spruce	Poletimber Well	80.1	93	51-80	Cory Luoto and Matt Edison visited this stand on May 16th, 2005, an unbelievable effort on their part to ensure that ever stand was visited! Primarily black spruce but there are pockets of solid tamarack and cedar.
67	6121 - Tamarack	Poletimber Medium	7.8	62	51-80	sparse tamarack stand, extremely wet, white birch is dying.
68	6120 - Lowland Cedar	Poletimber Well	6.9	97	Unspecified	Decent cedar stand, cedar seedlings doing well. Extremely wet, some white birch is dying.
71	6112 - Lowland Aspen	Sapling Well	20.8	15	Unspecified	Aspen stand recently cut, slash is still quite heavy, stand is fairly wet.
72	6122 - Black Spruce	Poletimber Well	78.3	104	81-110	Stand is mostly black spruce but there is heavier patches of cedar and tamarack.
74	4140 - Other Upland Deciduous	Sawtimber Well	14.8	72	81-110	Unless helicopter logging birch becomes profitable this stand is completely inaccessible!
76	6112 - Lowland Aspen	Sapling Well	19.7	15	Unspecified	
78	6122 - Black Spruce	Sapling Poor	5.8	112	1-50	
83	4140 - Other Upland Deciduous	Sawtimber Well	1.5	57		Gravel pit in western edge of stand

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Sault Ste. Marie Mgt. Unit

### Report 8 – Forested Stands

Compartment: 128  
Year of Entry: 2017



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	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
<b>86</b>	6120 - Lowland Cedar	Poletimber Well	7.3	97	Unspecified	Wet cedar stand but bigger diameters than the stand to the north

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Stand	Cover Type	Acres	Managed Site	General Comments:
11	622 - Lowland Shrub	70.2	No	
15	122 - Road/Parking Lot	3.8	No	
18	310 - Herbaceous Openland	2.3	No	
23	310 - Herbaceous Openland	3.4	No	
26	310 - Herbaceous Openland	3.0	No	
32	310 - Herbaceous Openland	3.9	No	
35	122 - Road/Parking Lot	1.0	No	
46	622 - Lowland Shrub	4.1	No	
49	310 - Herbaceous Openland	6.1	No	
52	122 - Road/Parking Lot	2.5	No	
56	622 - Lowland Shrub	20.6	No	
58	330 - Low-Density Trees	5.3	No	
63	622 - Lowland Shrub	195.2	No	
70	622 - Lowland Shrub	70.1	No	
73	622 - Lowland Shrub	2.2	No	
75	622 - Lowland Shrub	2.8	No	
80	622 - Lowland Shrub	50.6	No	
82	622 - Lowland Shrub	83.6	No	