



# Compartment Review Presentation

## Sault Ste. Marie Forest Management Unit

Compartment 45111

Entry Year 2020

Acreage: 1,898

County Mackinac

Management Area: Mackinac Mix

**Revision Date:** 2018-07-23

**Stand Examiner:** Andrew Krugh

### Legal Description:

Sections 4-6, T43N-R6W, Mackinac County

### Identified Planning Goals:

This compartment is located approximately 4 miles southwest of Trout Lake off the north end of J.T. Camp Road. The compartment is within the Mackinac Mix Management Area. The west half is a cedar swamp with several small islands of higher ground which are inaccessible. The headwaters of the South Branch Carp River are in the southern portion of section 5. The east half is aspen/mixed upland deciduous, northern hardwoods and cedar, and has been receiving regular treatment. Aspen is regenerating nicely. The hardwoods have been receiving regular treatment to promote health and growth. Some trial cedar patch cuts were accomplished in the summer of 2005. These will be checked for cedar regeneration. Rock is at or near surface with large boulders and rock ledges present.

### Soil and topography:

The large low swamp occupying depressions and/or nearly level areas is primarily Markey and Carbondale mucks, with Spot-Finch, and Markey-Spot-Finch complexes. Upland undulating islands within the swamps are Paquin sand and Paquin-Finch sands. The upland hardwoods are on undulating bedrock-controlled ground moraines and consist primarily of Amadon-Longrie sandy loam with Longrie-Battydoe, stony, complex and Longrie sandy loam. Other soils include Menominee loamy sand and Amadon-Rock outcrop complex. Small and large boulders, rock crevices and rock ledges are fairly common within the hardwoods and aspen/mixed upland areas.

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

State land surrounds the compartment. There are a couple scattered private 40's to the north with camps on them.

### Unique Natural Features:

Large boulders and rock ledges found in the east ½ of compartment. Walking fern has been found in the area. There is a potential for rare, threatened, or endangered plant and animal species within the compartment.

### Archeological, Historical, and Cultural Features:

There is evidence of old logging camps and ice roads throughout the area.

### Special Management Designations or Considerations:

While the proposed treatment areas have a low probability of walking fern occurrence, every effort will be made to keep an eye out for the possibility.

### Watershed and Fisheries Considerations:

### Wildlife Habitat Considerations:

This compartment is part of the Mackinac Mix MA where featured wildlife species include black bear, pileated woodpecker, ruffed grouse, and white-tailed deer. Lowland conifers, particularly cedar, are dominant in it. Aspen, northern hardwoods, and upland mixed stands make up most of the remaining forest types. Aspen stands vary in age, providing early successional habitat for ruffed grouse, snowshoe hare, and other species. Northern hardwoods have been treated over time to encourage age class and structural diversity in these stands while maintaining high canopy cover for hawks, maintaining snags for pileated and other woodpeckers, and maintaining hard and soft mast producers important for bear, deer, and other wildlife. Cedar stands will generally be retained to maintain cover for wildlife. A treatment is planned with the goal of regenerating a fully stocked cedar stand that contains similar cover and other characteristics as the existing stand.

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

An active, state-owned sand pit is located less than one mile to the northeast (Trout Lake Sand Pit) and is leased to the county road commission. There may be some sand & gravel potential within the compartment. There is known bedrock

limestone/dolostone potential in this region. The state geological survey did some research and analysis on the Silurian carbonates in this area. The Ozark Quarry (crushed stone) is located roughly five miles to the east and Graymont's proposed underground limestone mine is approximately four miles to the west. There likely is some limestone/dolostone potential beneath the compartment. Most of the compartment is covered by wetlands, which could inhibit any potential surface mining. There is no known metallic mineral potential in this part of the state, and there is currently no economical oil and gas potential in the UP.

**Vehicle Access:**

The majority of the east ½ is accessible by J.T. Camp Road and several two-tracks. The west ½ is inaccessible except for the southwest corner, which has been managed with stands off Caffey Road.

**Survey Needs:**

none needed

**Recreational Facilities and Opportunities:**

The Brevort-Trout Lake Motorcycle Trail winds through east ½ of compartment. Other recreational opportunities include deer, bear and small game hunting, and mushroom and berry picking.

**Fire Protection:**

While this is in a low fire danger area, there is evidence of the fires from the old logging days. Trout Lake Township Fire Hall is approximately 5 miles away.

**Additional Compartment Information:**

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

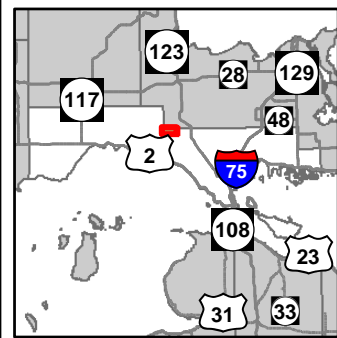
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

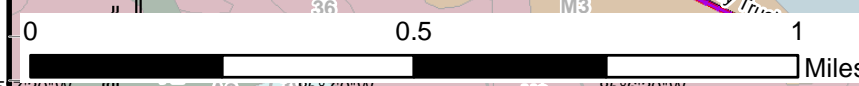
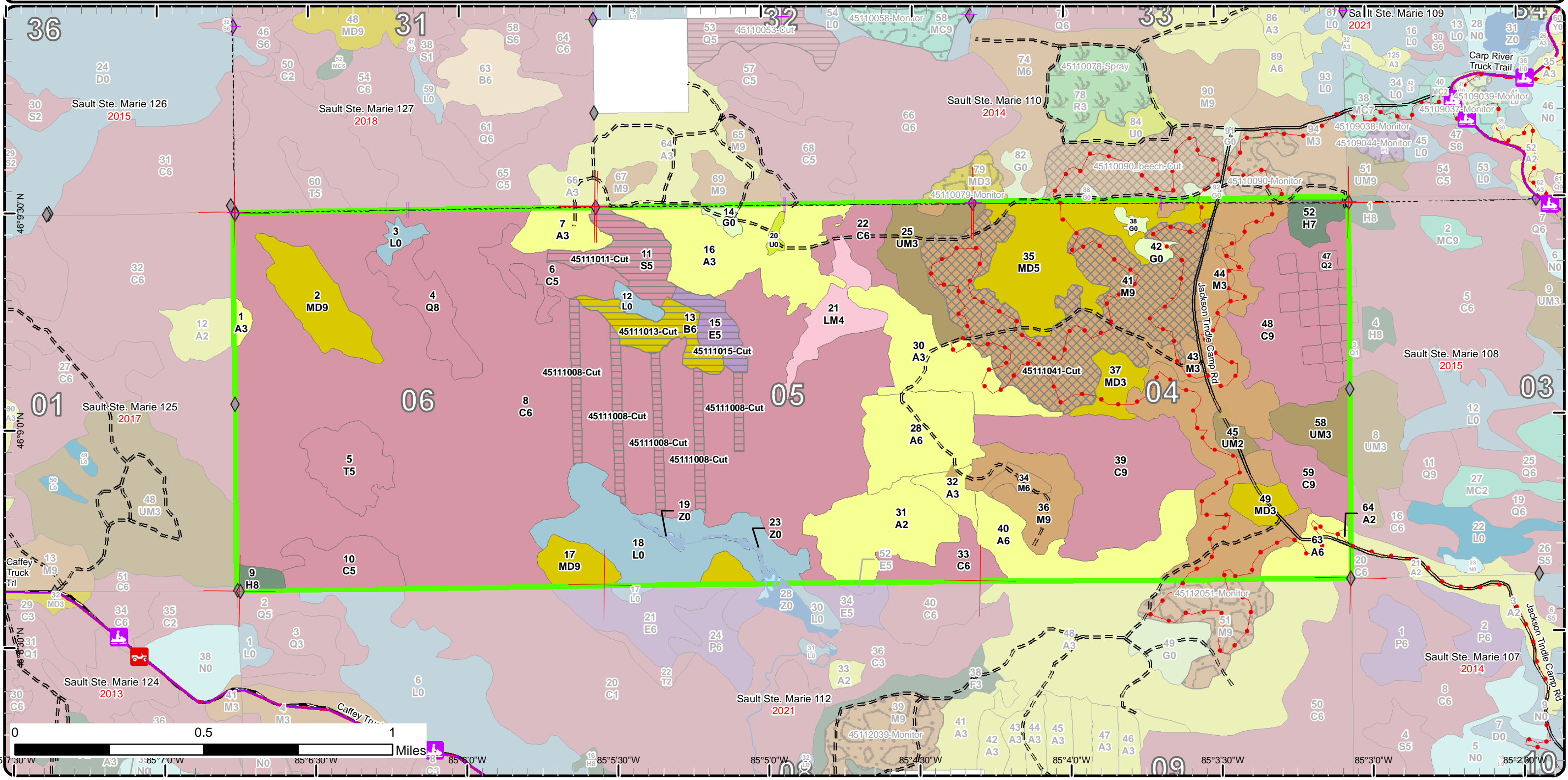
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

# Cover Type & Treatments Map

Compartment: 111  
 T43N, R06W, Sec: 04-06  
 County: Mackinac  
 Unit: Sault Ste. Marie  
 Mgmt Area: Mackinac Mix  
 YOE: 2020  
 Acres: 1,898 GIS Calculated  
 Examiner: Andrew Krugh  
 Map Revised: 12/13/2018  
 Map Phase: Post Review



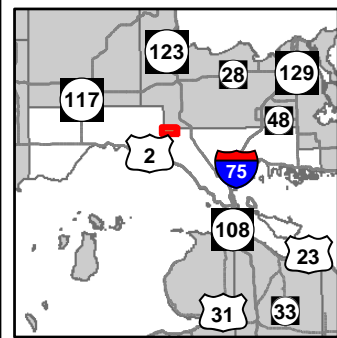
- Miris Corners
- + Remonumented Section Corners
- ◆ Field Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- County - Dirt Road (Seasonal)
- ORV Routes
- Snowmobile Trails
- ORV License & Trail Permit
- Designated ORV Route
- Designated Snowmobile Trails
- ▲ Berms
- Lake/Pond
- Perennial River
- Lakes and Rivers All
- Compartment Boundary
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- Lakes



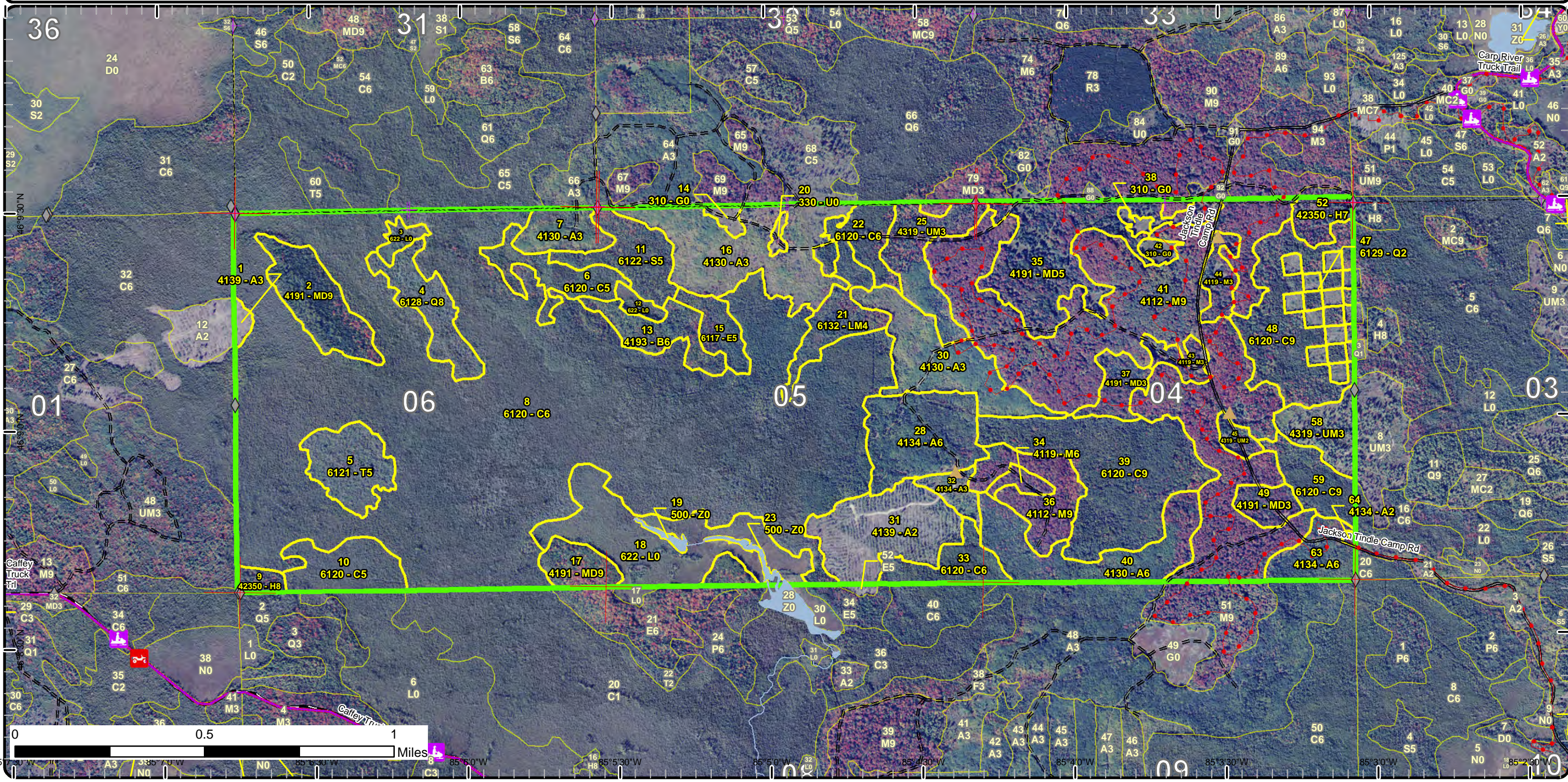
85°30'W 85°15'W 85°00'W 85°15'W 85°30'W 85°45'W 85°00'W 85°15'W 85°30'W 85°45'W 85°00'W 85°15'W 85°30'W 85°45'W

# Stand Boundary Map

Compartment: 111  
 T43N, R06W, Sec: 04-06  
 County: Mackinac  
 Unit: Sault Ste. Marie  
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 YOE: 2020  
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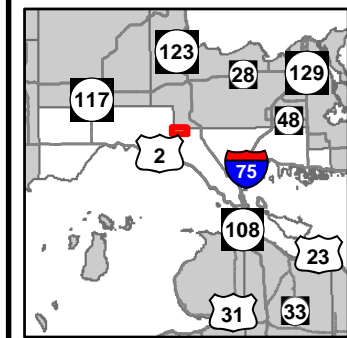


- Miris Corners
- + Remonumented Section Corners
- ◆ Field Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- County - Dirt Road (Seasonal)
- 6-6 ORV Routes
- Snowmobile Trails
- ORV License & Trail Permit
- Designated ORV Route
- Designated Snowmobile Trails
- ▲ Berms
- Lake/Pond
- Perennial River
- Lakes and Rivers All
- Compartment Boundary
- Stand Boundaries
- 330 - Low Density Trees
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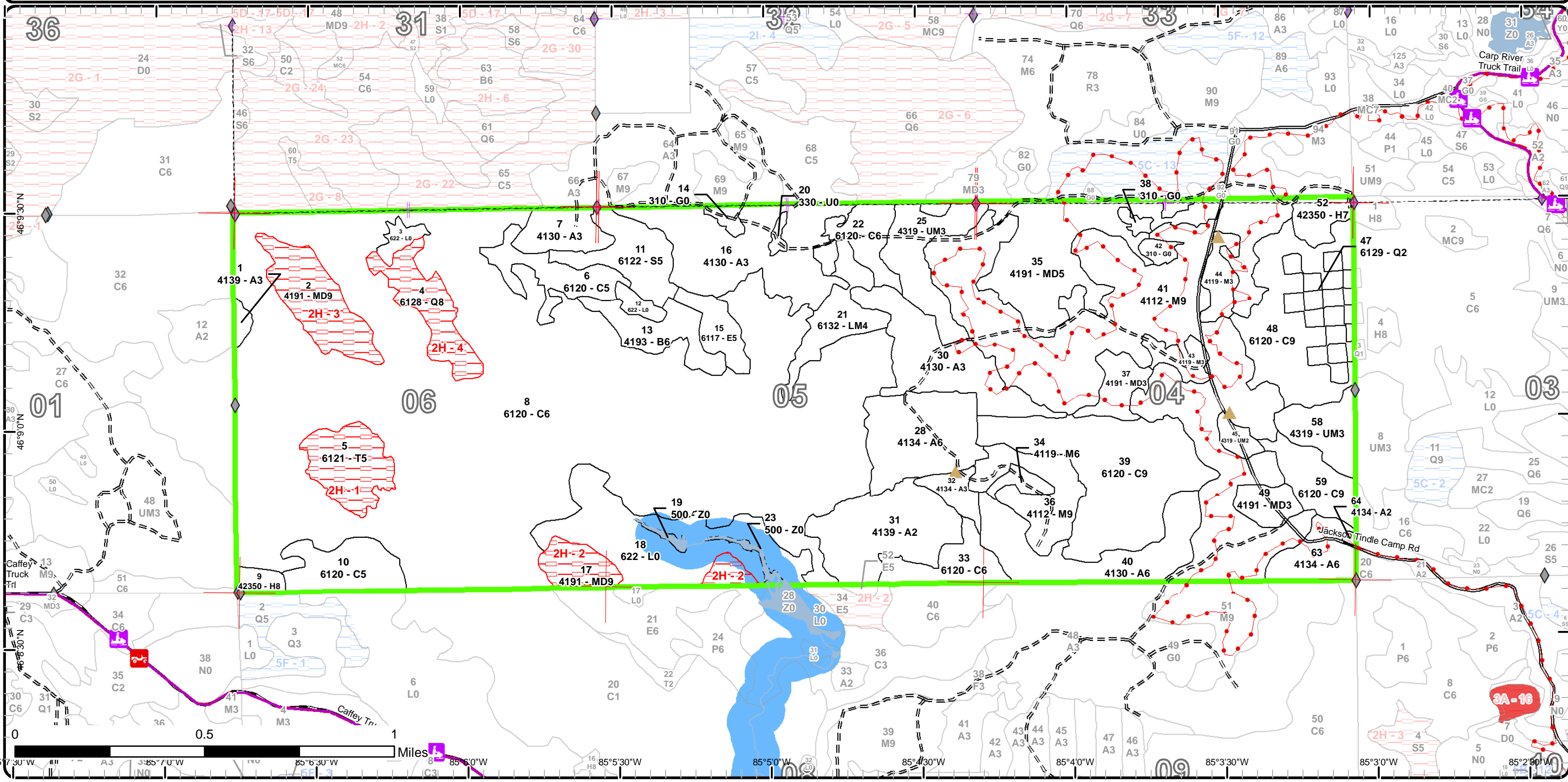


# Special Conservation Areas & Site Conditions Map

Compartment: 111  
 T43N, R06W, Sec: 04-06  
 County: Mackinac  
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- Designated ORV Route
- Designated Snowmobile Trails
- ▲ Berms
- Lake/Pond
- Perennial River
- Lakes and Rivers All
- Compartment Boundary
- Unavailable
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- Stand Boundaries
- Ecological Reference Areas
- 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	46	115	16	102	0	0	0	0	0	0	0	0	0	0	0	0	0	279
Cedar	0	0	0	0	0	0	0	0	0	37	702	24	0	0	59	79	0	0	900
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	5	0	0	15
Herbaceous Openland	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Low-Density Trees	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Lowland Conifers	0	0	17	0	0	0	0	0	23	0	0	0	0	0	0	0	0	0	40
Lowland Deciduous	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	12
Lowland Mixed Forest	0	0	0	0	0	0	0	0	22	0	0	0	0	0	0	0	0	0	22
Lowland Shrub	72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	24	0	0	0	0	0	0	0	0	0	24
Mixed Upland Deciduous	0	0	0	22	61	0	0	0	30	0	19	0	0	0	0	0	0	0	131
Northern Hardwood	0	0	0	18	5	0	0	0	0	28	236	0	0	0	0	0	0	0	287
Paper Birch	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0	20
Tamarack	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0	25
Upland Mixed Forest	0	19	0	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51
Water	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
<b>Total</b>	<b>87</b>	<b>65</b>	<b>132</b>	<b>89</b>	<b>168</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>131</b>	<b>65</b>	<b>957</b>	<b>49</b>	<b>0</b>	<b>10</b>	<b>59</b>	<b>84</b>	<b>0</b>	<b>0</b>	<b>1893</b>



## Report 2 – Treatment Summary

Sault Ste. Marie Mgt. Unit  
Year of Entry: 2020

Acres of Harvest

Compartment 111  
Total Compartment Acres: 1,898

Commercial Harvest - 211  
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
Cedar	30	0	0	0	0	0	0	0	0	30
Lowland Deciduous	12	0	0	0	0	0	0	0	0	12
Lowland Spruce/Fir	24	0	0	0	0	0	0	0	0	24
Northern Hardwood	0	125	0	0	0	0	0	0	0	125
Paper Birch	20	0	0	0	0	0	0	0	0	20
<b>Total</b>	<b>87</b>	<b>125</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>211</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	211	0	0	0	0	0	0	0	0	211
Next Step	0	0	0	0	0	211	0	0	0	211
<b>Total</b>	<b>211</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>211</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>422</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
8	45111008-Cut	29.9	6120 - Lowland Cedar	Poletimber Well	92	81-110	Harvest	Clearcut	6120 - Lowland Cedar	Even-Aged	Draft Field Boundary

**Habitat Cut: No****Site Condition:**

Prescription Cut cedar in strips 2-3 chains in width cutting all deciduous 2" or more and conifer 4" or more. Full tree skidding in winter is recommended if residual trees will be relied on for reproduction. Harvest in a frozen winter or dry summer. Acceptable regeneration will include cedar in the same representation as currently exists with the goal that the stand regenerates to a similar condition the future. 30 acre maximum harvest.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Moderate to fully stocked cedar, fir, spruce, birch, and aspen.

Other Comment: The treatment area would vary in this stand depending on what it looks like while running the line. 30 acres strips will be treated.

Proposed Start Date: 10/1 /2019

11	45111011-Cut	24.4	6122 - Black Spruce	Poletimber Medium	75	81-110	Harvest	Clearcut with Retention	612 - Lowland Coniferous Forest	Even-Aged	Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription Cut all deciduous 2" or more and conifer 4" or more. Leave a representative, healthy, mature tree spaced every 75ft (this will leave 8 trees per acre).

Specs: Stay out of patches of thick cedar.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: A moderate to fully stocked stand of spruce, fir, cedar, aspen, red maple and birch.

Other Comment:

Other Comment:

Proposed Start Date: 10/1 /2019

13	45111013-Cut	19.8	4193 - Birch, Aspen	Poletimber Well	75	81-110	Harvest	Clearcut with Retention	4193 - Birch, Aspen	Even-Aged	Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription Cut all deciduous 2" or more and conifer 4" or more. Leave a representative, healthy, mature tree spaced every 75ft (this will leave 8 trees per acre).

Specs: Stay out of patches of thick cedar.

Next Step Monitoring, Natural Regen (Intermediate)

Treatments:

Acceptable Regen: a moderate to fully stocked stand of birch, aspen, and red maple

Other Comment:

Other Comment:

Proposed Start Date: 10/1 /2019

15	45111015-Cut	12.4	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Medium	75	81-110	Harvest	Clearcut with Retention	611 - Lowland Deciduous Forest	Even-Aged	Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription Cut all deciduous 2" or more and conifer 4" or more. Leave a representative, healthy, mature tree spaced every 75ft (this will leave 8 trees per acre).

Specs: Stay out of patches of thick cedar.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Acceptable regeneration is maple, cherry, beech, paper and yellow birch, balsam fir, spruce, and aspen.

Other Comment:

Other Comment:

Proposed Start Date: 10/1 /2019





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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
41	45111041-Cut	124.5	4112 - Maple, Beech, Cherry Association	Sawtimber Well	92	81-110	Harvest	Single Tree Selection	4110 - Sugar Maple Association	Even-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 and black cherry, and all junelberry 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.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Moderate to fully stocked maple, cherry, beech, paper and yellow birch, balsam fir, spruce, aspen and hemlock.

Other Comment: Make sure trail specs are used and work with Trails Specialist on timber sale activity near the recreational trails. Ribbon in atv trail before harvesting stand.

Proposed Start Date: 10/1 /2019

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**Total Treatment Acreage Proposed: 211.0**

## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Andrew Krugh : Examiner

Compartment: 111

Year of Entry: 2020

### Availability for Management

Total Acres	Acres Available	Acres Available With Condition	Acres Not Available	Dominant Site Conditions	2H
279	279	0	0	Aspen	
902	902	0	0	Cedar	
15	15	0	0	Hemlock	
9	9	0	0	Herbaceous Openland	
2	2	0	0	Low-Density Trees	
40	17	0	23	Lowland Conifers	23
12	12	0	0	Lowland Deciduous	
22	22	0	0	Lowland Mixed Forest	
72	72	0	0	Lowland Shrub	
24	24	0	0	Lowland Spruce/Fir	
132	83	0	49	Mixed Upland Deciduous	49
287	287	0	0	Northern Hardwood	
20	20	0	0	Paper Birch	
25	0	0	25	Tamarack	25
52	52	0	0	Upland Mixed Forest	
4	4	0	0	Water	
1,898	1,800		98	Total Forested Acres	98
	95%		5%	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	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	25	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit  
Andrew Krugh : Examiner

Compartment: 111  
Year of Entry: 2020

2	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	30	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	23	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:



## Report 5 – 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 6 – 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	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.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	4139 - Aspen, Mixed Deciduous	Sapling Well	2.8	10	Unspecified	Aspen/birch with balsam/spruce. Info from cruise plots and airplane flight.
2	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	30.2	75	111-140	Remote island in middle of wet cedar swamp. Would take major freezing project to access! Info from airplane flight. (old comment 2008)
4	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Medium	23.4	75	111-140	Remote island in middle of vast, wet cedar swamp. Info from airplane flight. (old comment 2008)
5	6121 - Tamarack	Poletimber Medium	25.4	105	Unspecified	Tamarack island in middle of wet cedar swamp. Too wet for access. Data from airplane flight.
6	6120 - Lowland Cedar	Poletimber Medium	20.2	85	Unspecified	Low wet area filling in with trees. Non commercial site!
7	4130 - Aspen	Sapling Well	15.3	20	Immature	Managed with compartment to the north. (Part of Rocky Ledge Sale.)
8	6120 - Lowland Cedar	Poletimber Well	665.3	92	81-110	Large cedar swamp with varying degrees of black spruce and tamarack. Some areas more heavily stocked than others.
9	42350 - Upland Hemlock	Sawtimber Medium	5.1	140	Unspecified	Was shelterwood cut in 1993 with compartment to the west, but top was never cut off like adjacent stand. Generally too small of a piece to cut by itself. Continue to manage with adjacent compartment. (old comment 2008)
10	6120 - Lowland Cedar	Poletimber Medium	23.8	106	Unspecified	Low ground. Stunted growth (&/or dead/dying tops) on most spp. Taller tamarack over cedar. An occassional white birch. (old comment 2008)
11	6122 - Black Spruce	Poletimber Medium	24.4	75	81-110	Low rolling ground. Areas mainly heavier to black spruce rather than cedar.
13	4193 - Birch, Aspen	Poletimber Well	19.8	75	81-110	Upland island not easily accessed. Balsam mainly dead, but has a full understory of 4-8 foot balsam in most areas. Fair amount of blowdown - aspen and balsam, but still pretty healthy overall.
15	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Medium	12.4	75	81-110	Low wet ground just east of upland island in middle of cedar swamp. Balm/white birch with tamarack.
16	4130 - Aspen	Sapling Well	61.6	13	Immature	Old opening is really filling in with cherry and aspen from cut (inclusion within stand). Some transitional ground.
17	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	18.5	94	81-110	Nice looking birch/aspen island with balsam. Wet cedar swamp to south and headwaters of S. Branch Carp River to the north. Info from airplane flight.
21	6132 - Mixed Lowland Forest with Cedar	Poletimber Poor	21.8	79	1-50	Very wet. Good edges for adjacent young aspen stands. Old/young/sparse. Boggy and lowland filling in



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
22	6120 - Lowland Cedar	Poletimber Well	17.4	80	111-140	Some transition ground on east end.
25	4319 - Mixed Upland Forest	Sapling Well	28.2	24	Immature	Was clearcut with stand to the south, but more hemlock on this end. Regen approx 20 - 30 ' tall.
28	4134 - Aspen, Spruce/Fir	Poletimber Well	42.0	37	Unspecified	Some low areas present with some tag alder patches. Rock near surface. Some semi-open areas too. Boulders scattered throughout stand.
30	4130 - Aspen	Sapling Well	42.5	15	Unspecified	Areas with rock at surface, with fissures. Nice regen approx 10'+ tall. ORV trail winds through the rock.
31	4139 - Aspen, Mixed Deciduous	Sapling Medium	45.8	4	Immature	Cut in 2014 Aim High Mix 45-115-10-01
32	4134 - Aspen, Spruce/Fir	Sapling Well	8.1	13	Immature	Patchy regen - some areas not as well regenerated as others. Red maple is mainly residual saps with some sprouts. Rock at surface.
33	6120 - Lowland Cedar	Poletimber Well	18.0	92	171-200	North west finger of stand consists of more spruce and poplar with rock present one the sur. As you move further to the southern edge of the stand, cedar becomes larger in dbh and ba drops to about 120
34	4119 - Mixed Northern Hardwoods	Poletimber Well	4.9	37	51-80	Even aged stand with some residual sugar maple, balsam and ironwood. On edge of pole stand. Rock at surface.
35	4191 - Mixed Upland Deciduous with Conifer	Poletimber Medium	61.2	33	51-80	Variable stand - picked through in 1985 and 1992. Many parts were/are semi-open.
36	4112 - Maple, Beech, Cherry Association	Sawtimber Well	27.8	88	51-80	Thinned in 2005. Carpet of HM seedlings. Rock at surface.
37	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	12.4	24	Immature	Variable fir/maple stand. ORV trail thru stand.
39	6120 - Lowland Cedar	Sawtimber Well	79.3	140	111-140	One small strip cut along northern edge took place in 1984 with some cedar regen. Very wet edge between hwd and swamp. Great diverse stand. Has been poked through over the years. Blowdown and sweep common.
40	4130 - Aspen	Poletimber Well	42.5	37	111-140	
41	4112 - Maple, Beech, Cherry Association	Sawtimber Well	235.9	92	81-110	Variable stand. Has been thinned over the last 10 years by 3 separate sales. East side of road is mainly on a sand ridge, and has more red maple and hemlock with balsam understory than rest of stand. Rest of stand has boulders of various sizes. No walking fern had been found on these in the past. (old comments 2008 still applicable)



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
43	4119 - Mixed Northern Hardwoods	Sapling Well	7.8	26	Immature	Picked through in 1992. Opening inclusions. ORV trail thru stand.
44	4119 - Mixed Northern Hardwoods	Sapling Well	10.3	27	Immature	Picked through in 1991. Small openings within stand - very open and grassy. Some older, larger balsam and white spruce. A few small elm along road.
45	4319 - Mixed Upland Forest	Sapling Medium	5.1	27	201+	Variable stand - picked through in 1991. Old opening within stand.
47	6129 - Mixed Coniferous Lowland Forest	Sapling Medium	16.8	14	Immature	Clearcut in summer of 2005 in 4ch x 4ch checkerboard pattern. Have had good luck with cedar, and associated species, regeneration in the area in the past.
48	6120 - Lowland Cedar	Sawtimber Well	58.5	137	201+	. Small pockets of slightly higher ground. Some supercanopy white pine, white spruce and hemlock. Old stumps evident.
49	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	9.9	27	Immature	Variable stand - picked through in 1991. Small opening inclusion.
52	42350 - Upland Hemlock	Sawtimber Poor	10.1	121	81-110	Shelterwood cut in 2003. Hemlock, cedar, yellow birch and red maple left. Two storied stand. Mineral soil present by hemlock. Regenerating to mixture of red maple, balsam and black cherry so far. Small sliver on east end part of current sale (J.T.'s Junk) with compartment to the east.
58	4319 - Mixed Upland Forest	Sapling Well	18.5	8	Immature	High ridge dropping off to the north and south. Parts of southern exposure are semi-open with WP. Cut in 2010, JT's junk
59	6120 - Lowland Cedar	Sawtimber Well	19.1	99	141-170	Old stumps 3' tall and burned. Wetter and more suppressed looking than cedar stand to the south. Has had small cutting within stand in 1983 with good cedar regen.
63	4134 - Aspen, Spruce/Fir	Poletimber Well	17.8	37	81-110	Rock near surface.
64	4134 - Aspen, Spruce/Fir	Sapling Medium	0.7	21	Unspecified	Sand ridge. Majority of stand in adjacent compartments. Regen approx 20' tall. Much of balsam is residual from cut.





Stand	Cover Type	Acres	Managed Site	General Comments:
3	622 - Lowland Shrub	4.7	No	
12	622 - Lowland Shrub	4.3	No	Cedar filling in slowly. About 1 inch in dbh and 10 Ft or less tall
14	310 - Herbaceous Openland	3.4	No	
18	622 - Lowland Shrub	63.1	No	
19	500 - Water	1.4	No	
20	330 - Low-Density Trees	2.0	No	
23	500 - Water	2.4	No	
38	310 - Herbaceous Openland	2.2	No	
42	310 - Herbaceous Openland	3.4	No	