



Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 45178

Entry Year 2020

Acreage: 1,801

County Mackinac

Management Area: County Line Hardwoods

Revision Date: 2018-08-02

Stand Examiner: Steve Touvila

Legal Description:

T44N-R10W Sections 1, 2 & 3; Garfield Township

Identified Planning Goals:

This compartment is in the County Lines Hardwoods Management Area. The area is predominantly managed northern hardwoods. Smaller areas of aspen have been actively managed over the past 30 years. Treatment includes selection cuts in northern hardwood stands to promote healthy, quality sawlog trees; and continuing the age class diversity of the aspen-birch stands. Millecoquins Trout Pond lies within the compartment and is the headwaters of Millecoquins River.

Soil and topography:

The east portion of the compartment is primarily rolling terrain made up of Kalkaska sand. The west is very hilly with numerous potholes and consists of Wallace-Spot complex. Rubicon sands are located along the steep banks along the Millecoquins Trout Pond and upper Millecoquins River.

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

The compartment adjoins state land to the north and to the west. Hiawatha Sportsman's Club owns to the east and south. There are a couple of private in-holdings within the compartment, one being on the south boundary of the compartment in Section 2 and another in the southwest corner in Section 3. Most of the land-use in the area consists of outdoor recreation and forest management.

Unique Natural Features:

The area contains the Millecoquins trout pond and river. The west portion of the compartment has rolling topography with many seeps and potholes. There is a potential for some rare, threatened, or endangered plant and animal species within this compartment.

Archeological, Historical, and Cultural Features:

The headwaters of the River of a Thousand Rascals (He-Devils) is known locally as Millecoquins River. Burnt Dam is also the spot where Chief Greylock and Hiawatha's sister, Pink Raven, stopped to build a birch bark canoe and then make their way downstream to Millecoquins Lake.

Special Management Designations or Considerations:

None.

Watershed and Fisheries Considerations:

This compartment contains waterbodies and headwater streams which serve as tributaries to the Upper Millecoquins River. Additionally, this compartment contains the Upper Millecoquins River. The Upper Millecoquins River is a designated Type 1 trout stream less than 50' width. A 300' buffer is recommended for the Upper Millecoquins River in riparian areas susceptible to Aspen regeneration (specifically stand 43). For areas not susceptible to Aspen regeneration, 100' plus 5' per 1% increase in slope; buffers are recommended to protect these areas in accordance with Best Management Practices. A 100' plus 5' per 1% increase in slope; buffer is recommended to protect shoreland areas adjacent to unnamed waterbodies, in accordance with Best Management Practices (specifically stands 29, 32, and 36).

Wildlife Habitat Considerations:

This compartment is part of the County Line Hardwoods MA where featured wildlife species include black bear, northern goshawk, red-shouldered hawk, ruffed grouse, snowshoe hare, and white-tailed deer. Northern hardwoods dominate across much of this compartment. The western side contains a mix of aspen, mixed stands, lowland conifers, and wetlands. Aspen stands also exist in the central and eastern portions although hardwoods dominate there. Experimental treatments have taken place in portions of the hardwoods to research wildlife use and forest regeneration of various treatments. Some remaining parts of the hardwood stand are planned to be thinned to increase age class and structural diversity. Some mast producing species will be left to encourage food sources for bear and other species. Crown closure

will remain high to benefit hawks and promote nesting sites. Aspen stands vary some in age and provide early successional habitat for grouse, woodcock, and other species. Lowland conifers will be retained for cover during this entry.

Mineral Resource and Development Concerns and/or Restrictions

Active sand/gravel pits are located more than three miles to the north, and there may be some sand potential within the compartment on the uplands. Bedrock limestone is too deep here to have significant economic value. 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:

This compartment has lots of vehicle access on poor dirt roads. The Krause Road is the western border for the compartment. The main haul road is located off the Section 34 Road in Luce County. Many two-tracks through the hardwoods are used for logging purposes, including the road to the Trout Pond.

Survey Needs:

None.

Recreational Facilities and Opportunities:

The Trout pond provides good access for fishing. Canada Lakes cross-country ski trail has part of a loop along the northern edge of the compartment and is well used during the winter months. Other activities in the compartment include hunting, hiking and riding ORV's.

Fire Protection:

Low fire danger area.

Additional Compartment Information:

The following reports from the Inventory are attached:

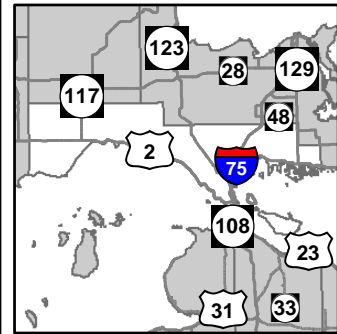
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

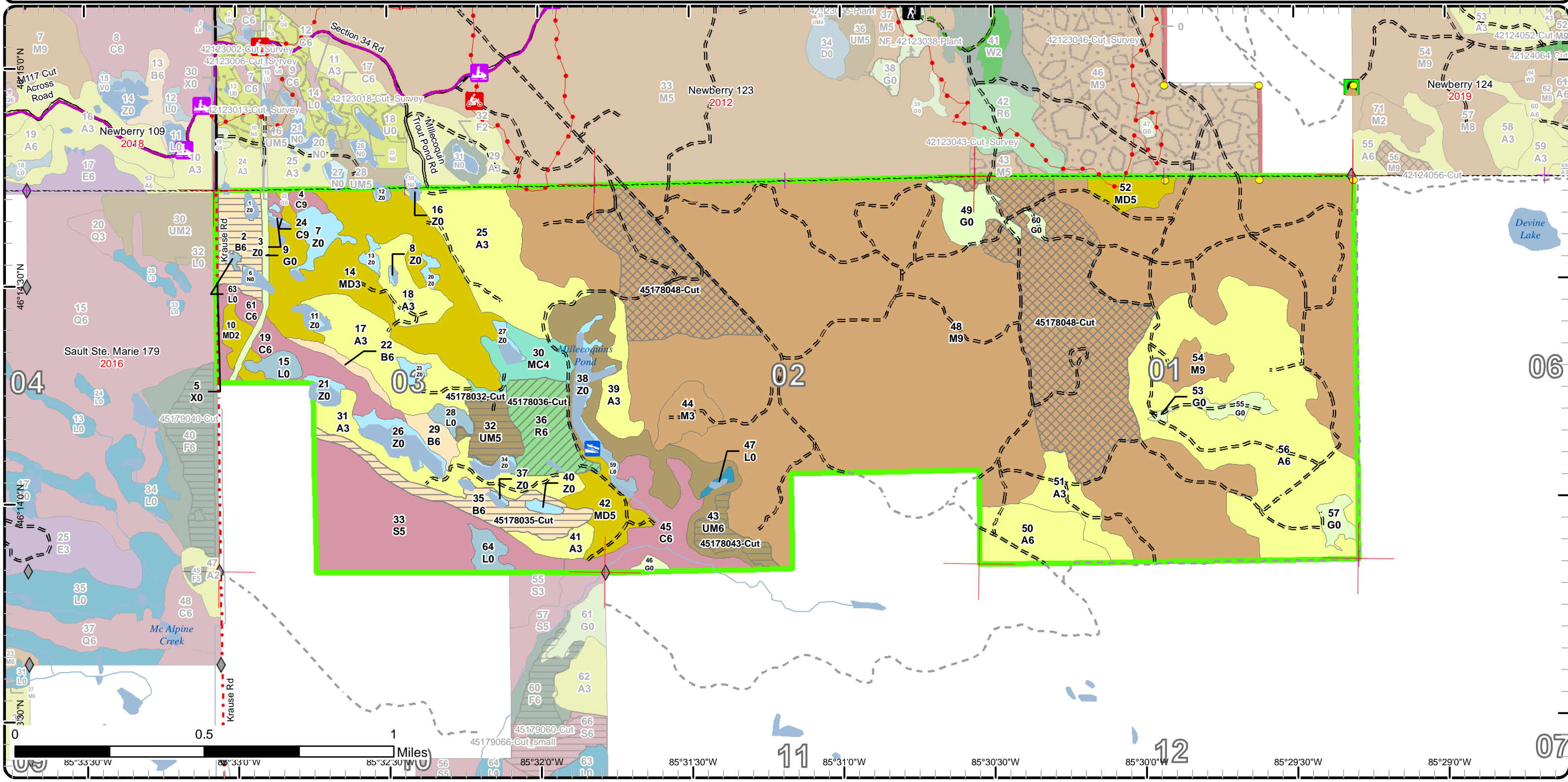
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 178
 T44N, R10W, Sec: 01-03
 County: Mackinac
 Unit: Sault Ste. Marie
 Mgmt Area: County Line
 Hardwoods
 YOE: 2020
 Acres: 1,801 GIS Calculated
 Examiner: Steve Touvila
 Map Revised: 12/13/2018
 Map Phase: Post Review

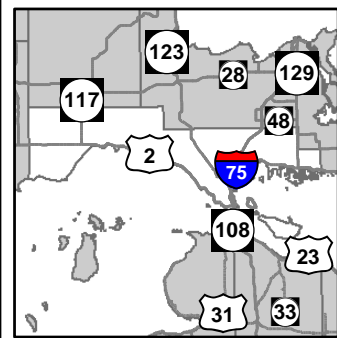


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- ◆ Field Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- Federal / State - Dirt / Gravel Road
- - - County - Gravel Road
- - - Private - Dirt / Gravel Road
- Hiking Trails
- Bike Trails
- Ski Trails
- Motorcycle Trails (DNR License)
- Snowmobile Trails
- - - Designated Hiking Trails
- - - Designated Bicycle Trails
- - - Designated Ski Trails
- - - ORV License & Trail Permit
- - - Designated ORV Route
- - - Designated Snowmobile Trails
- Berms
- Gate
- Boating Access Site
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers All
- Compartment Boundary
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Thinning (Crown, Low, Systematic)
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed non-forested wetland
- Lakes
- 411 - Northern Hardwood
- 413 - Aspen
- 414 - Other Upland Deciduous
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines



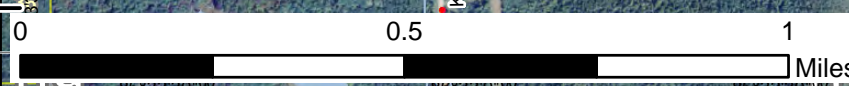
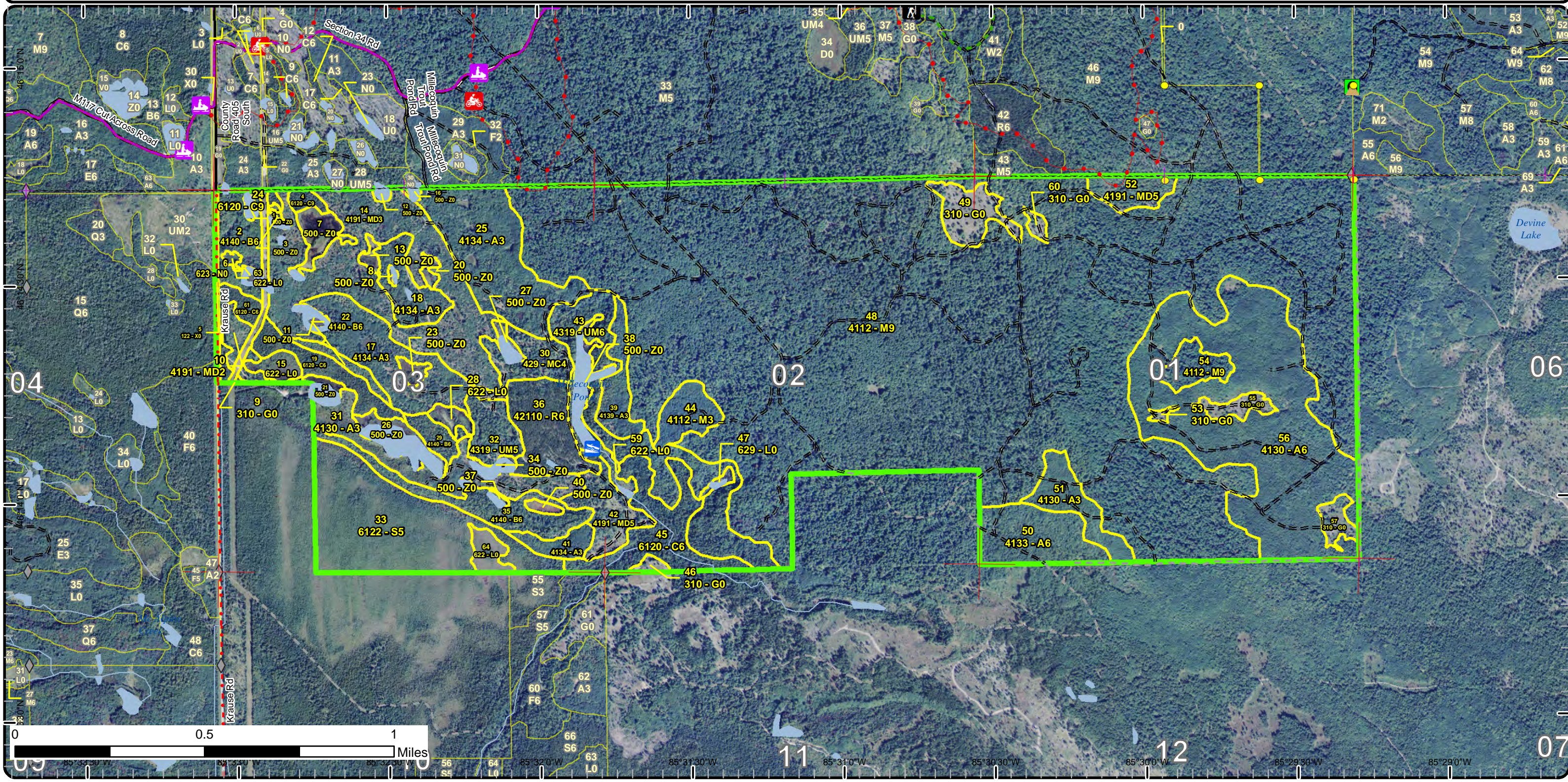
Stand Boundary Map

Compartment: 178
 T44N, R10W, Sec: 01-03
 County: Mackinac
 Unit: Sault Ste. Marie
 Mgmt Area: County Line
 Hardwoods
 YOE: 2020
 Acres: 1,801 GIS Calculated
 Examiner: Steve Touvila
 Map Revised: 12/13/2018
 Map Phase: Post Review



- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- ◆ Field Grade Corners
- Counties
- DNR - Primary Forest Road
- = DNR - Secondary Forest Road
- = DNR - Forest Access Route
- Federal / State / County - Paved Road
- - Federal / State - Dirt / Gravel Road
- - County - Gravel Road
- - Private - Dirt / Gravel Road
- Hiking Trails
- Bike Trails
- Ski Trails
- Motorcycle Trails (DNR License)
- Snowmobile Trails
- Designated Hiking Trails
- - Designated Bicycle Trails
- Designated Ski Trails
- ORV License & Trail Permit
- - Designated ORV Route
- Designated Snowmobile Trails
- ▲ Berms
- G Gate
- Boating Access Site
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers All
- Compartment Boundary
- Stand Boundaries

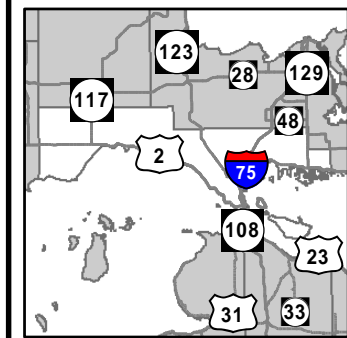
- 612 - Lowland Coniferous Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed non-forested wetland
- 411 - Northern Hardwood
- 413 - Aspen
- 414 - Other Upland Deciduous
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest



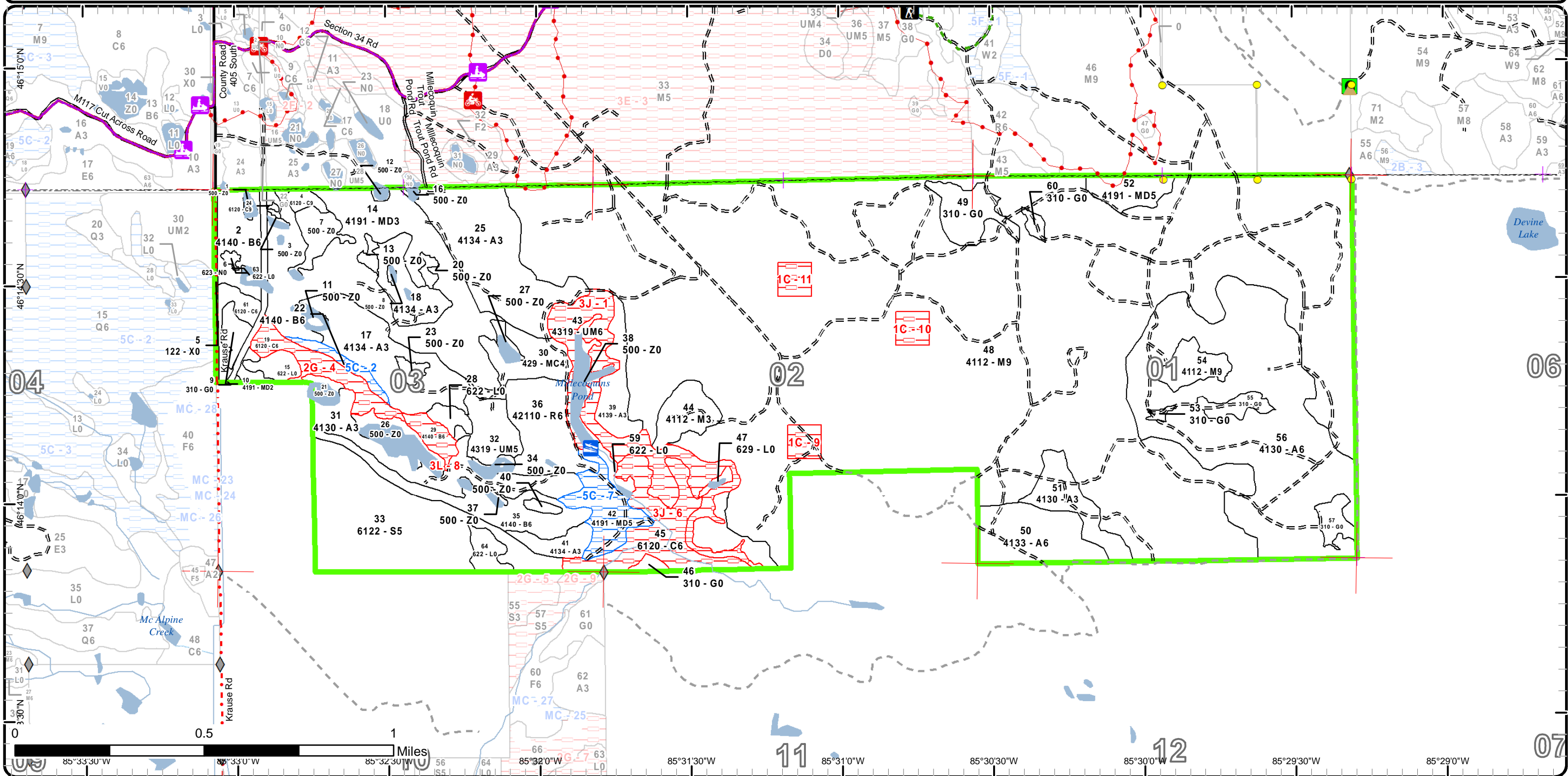
09
11
12
07

Special Conservation Areas & Site Conditions Map

Compartment: 178
 T44N, R10W, Sec: 01-03
 County: Mackinac
 Unit: Sault Ste. Marie
 Mgmt Area: County Line
 Hardwoods
 YOE: 2020
 Acres: 1,801 GIS Calculated
 Examiner: Steve Touvila
 Map Revised: 12/13/2018
 Map Phase: Post Review



- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- ◆ Field Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- = DNR - Forest Access Route
- Federal / State / County - Paved Road
- - Federal / State - Dirt / Gravel Road
- . - . County - Gravel Road
- - Private - Dirt / Gravel Road
- Hiking Trails
- Bike Trails
- Ski Trails
- Motorcycle Trails (DNR License)
- Snowmobile Trails
- Designated Hiking Trails
- - Designated Bicycle Trails
- Designated Ski Trails
- ORV License & Trail Permit
- - - - Designated ORV Route
- Designated Snowmobile Trails
- ▲ Berms
- G Gate
- Boating Access Site
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers All
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 1C: Other dept or div proc/practices
- 2G: Too wet (sensitive soils, does not include access issues)
- 3J: Water quality / BMPs (stream, river, or lake)
- 3L: Other wildlife concerns
- Stand Boundaries
- Cold Water Streams
- Cold Water Lakes



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	64	52	231	0	0	0	0	0	0	0	0	0	0	0	0	0	347
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	15	0	11	0	32	0	58
Herbaceous Openland	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36
Lowland Shrub	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Lowland Spruce/Fir	0	0	0	0	0	0	0	74	0	0	0	0	0	0	0	0	0	0	74
Marsh	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Mixed Upland Deciduous	0	0	97	0	0	11	0	0	0	18	0	0	0	0	0	0	0	0	126
Northern Hardwood	0	0	0	12	0	0	0	0	0	0	10	906	0	0	0	0	0	0	928
Paper Birch	0	0	0	0	0	0	0	0	0	10	41	0	0	0	0	0	0	0	51
Red Pine	0	0	0	0	0	0	26	0	0	0	0	0	0	0	0	0	0	0	26
Upland Conifers	0	0	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	16
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	66	0	0	0	0	0	0	0	0	66
Urban	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Water	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48
Total	108	0	161	64	231	27	26	74	0	94	51	906	15	0	11	0	32	0	1800



Report 2 – Treatment Summary

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

Acres of Harvest

Compartment 178
Total Compartment Acres: 1,801

Commercial Harvest - 267
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	178	0	0	0	0	0	0	0	178
Paper Birch	41	0	0	0	0	0	0	0	0	41
Red Pine	0	0	0	0	26	0	0	0	0	26
Upland Mixed Forest	23	0	0	0	0	0	0	0	0	23
Total	63	178	0	0	26	0	0	0	0	267

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	267	0	0	0	0	0	0	0	0	267
Next Step	0	0	0	0	0	241	0	0	0	241
Total	267	0	0	0	0	241	0	0	0	508



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
2	45178002-Cut	16.5	4140 - Other Upland Deciduous	Poetimber Well	98	81-110	Harvest	Clearcut with Retention	4191 - Mixed Upland Deciduous with Conifer	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Cut all deciduous 2" or more and conifer 4" or more. Don't cut white pine or cedar if found. Leave a representative, healthy, mature tree spaced every 75'(this will leave 8 trees per acre). Buffer around the wetlands per BMP guidelines. Actual treatment size may vary depending on ground conditions.

Next Step Monitoring, Natural Regen (Intermediate)

Acceptable Regen: Birch, maple, aspen, white pine, balsam fir, white spruce, beech, black cherry,

Other Comment:

Proposed Start Date: 10/1 /2019

32	45178032-Cut	12.8	4319 - Mixed Upland Forest	Poetimber Medium	80	51-80	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	Draft Field Boundary
----	--------------	------	----------------------------	------------------	----	-------	---------	-------------------------	----------------------------	-----------	----------------------

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). Leave a buffer around lowland edge on south side of stand per BMP guidelines. Sale access will be on the snowmobile trail so trail protection specs may be needed.

Next Step Monitoring, Natural Regen (Intermediate)

Acceptable Regen: Paper birch, yellow birch, aspen, red maple, sugar maple, black cherry, balsam fir, white spruce, white pine, red pine, black spruce.

Other Comment:

Proposed Start Date: 10/1 /2019

35	45178035-Cut	24.2	4140 - Other Upland Deciduous	Poetimber Well	98	81-110	Harvest	Clearcut with Retention	4191 - Mixed Upland Deciduous with Conifer	Even-Aged	Draft Field Boundary
----	--------------	------	-------------------------------	----------------	----	--------	---------	-------------------------	--	-----------	----------------------

Habitat Cut: No**Site Condition:**

Prescription Cut all deciduous 2" or more and conifer 4" or more. Don't cut white pine or cedar if found. Leave a representative, healthy, mature tree spaced every 75'(this will leave 8 trees per acre). Buffer around the wetlands per BMP guidelines. Actual treatment size may vary depending on ground conditions.

Next Step Monitoring, Natural Regen (Re-Inventry)

Acceptable Regen: Birch, maple, aspen, black cherry, beech, white pine, white spruce, balsam fir.

Other Comment: Snowmobile trail will be used for access for trail protection specs may be needed.

Proposed Start Date: 10/1 /2019

36	45178036-Cut	26.1	42110 - Planted Red Pine	Poetimber Well	57	141-170	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
----	--------------	------	--------------------------	----------------	----	---------	---------	----------------	-------------------------	-----------	----------------------

Habitat Cut: No**Site Condition:**

Prescription Mark to around 120 basal area. Leave species diversity in the stand where present.

Next Step Treatments:

Acceptable Regen:

Other Comment: Sale access will be on the snowmobile trail so trail protection specs may be needed.

Proposed Start Date: 10/1 /2019



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
43	45178043-Cut	9.8	4319 - Mixed Upland Forest	Poletimber Well	80	111-140	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	Draft Field Boundary

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). Don't cut red pine, yellow birch, cedar or white pine. Stay out of the drainages and don't cut trees in the drainages.

Next Step Monitoring, Natural Regen (Intermediate)
Treatments:

Acceptable Regen: White spruce, balsam fir, maple, paper birch, yellow birch, aspen, white pine, black cherry, red pine.

Other Comment: There's two drainages breaking the treatment into three areas. The drainages begin on the east end, keep equipment out of these areas. Snowmobile trail will be used to access the sale so trail protection specs may be needed.

Proposed Start Date: 10/1 /2019

48	45178048-Cut	177.5	4112 - Maple, Beech, Cherry Association	Sawtimber Well	105	81-110	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 black cherry and yellow birch. Retain some beech with the smooth bark and wildlife trees. All conifer should be left. Some larger canopy gaps may be desirable around the cherry if possible to regenerate that species and enhance the advanced regeneration present. Try to open up the drip line of any hemlock.

Next Step Monitoring, Natural Regen (Re-Inventory)
Treatments:

Acceptable Regen: Maple, cherry, beech, yellow and paper birch, hemlock, white pine, balsam fir, white spruce, ironwood, and basswood.

Other Comment: Snowmobile trail will be used to access the trail so trail protection specs may be needed.

Proposed Start Date: 10/1 /2019

Total Treatment Acreage Proposed: 266.9

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Steve Touvila : Examiner

Compartment: 178

Year of Entry: 2020

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	5C	1C	2G	3J	3L
		With Condition	Not Available						
348	348	0	0	Aspen					
59	11	0	48	Cedar			15	32	
36	36	0	0	Herbaceous Openland					
20	20	0	0	Lowland Shrub					
74	74	0	0	Lowland Spruce/Fir					
1	1	0	0	Marsh					
126	108	18	0	Mixed Upland Deciduous	18				
928	913	0	15	Northern Hardwood		15			
51	41	5	6	Paper Birch	5				6
26	26	0	0	Red Pine					
16	16	0	0	Upland Conifers					
67	23	0	43	Upland Mixed Forest				43	
3	3	0	0	Urban					
48	48	0	0	Water					
1,801	1,667	22	112	Total Forested Acres	22	15	15	76	6
	93%	1%	6%	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)	44	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
2	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Compartment: 178

Steve Touvila : Examiner

Year of Entry: 2020

4	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	32	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	18	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	3L: Other wildlife concerns	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	1C: Other dept or div proc/practices	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Walters Research Project: Long-term beech regeneration monitoring, up to 20 years (through 2039)							
10	Unavailable	1C: Other dept or div proc/practices	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Walters Research Project: Long-term beech regeneration monitoring, up to 20 years (through 2039)							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Steve Touvila : Examiner

Compartment: 178

Year of Entry: 2020

11	Unavailable	1C: Other dept or div proc/practices	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Walters Research Project: Long-term beech regeneration monitoring, up to 20 years (through 2039)							

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
----------	--------------	-------------	----------------	-------

Comments



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	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.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
2	4140 - Other Upland Deciduous	Poletimber Well	16.5	98	81-110	Hilly stand with good stocking of paper birch. The aspen is in the northern 1/3 of the stand. The aspen are large and growing in groups and healthy looking, but a few large aspen are dying. Thick smaller balsam fir in the northeast corner and the very south end, both on top of hills, and some more throughout the stand.
4	6120 - Lowland Cedar	Sawtimber Well	2.9	131	141-170	
10	4191 - Mixed Upland Deciduous with Conifer	Sapling Medium	7.0	15	Immature	Stand is slowly filling in with a mix of species. More open in the center of the stand yet.
14	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	89.9	16	Immature	Mixed regeneration coming in and looking good now. Scattered small openings throughout the stand.
17	4134 - Aspen, Spruce/Fir	Sapling Well	35.5	16	Immature	Thick regeneration with some lighter regeneration areas. Stand is about t20' tall.
18	4134 - Aspen, Spruce/Fir	Sapling Well	15.1	25	Immature	Stand is about 20' tall.
19	6120 - Lowland Cedar	Poletimber Well	15.2	115	111-140	
22	4140 - Other Upland Deciduous	Poletimber Well	4.5	86	81-110	Birch is healthy, aspen is starting to die off. Lots of balsam fir understory.
24	6120 - Lowland Cedar	Sawtimber Well	1.2	131	141-170	
25	4134 - Aspen, Spruce/Fir	Sapling Well	52.5	31	1-50	Stand about 30' tall. Some cankers on aspen. Stand contains several vernal ponds. Red maple is clumpy stump sprouts. Some trees just entering pole size, BA is only 10-20.
29	4140 - Other Upland Deciduous	Poletimber Well	5.9	86	81-110	Paper birch is beginning to die off. A lot of balsam saplings.
30	429 - Mixed Upland Conifers	Poletimber Poor	15.7	47	1-50	Hilly terrain. Stand is a filled in grassy opening. Stand is half saplings and half pole timber.
31	4130 - Aspen	Sapling Well	28.9	16	Immature	Stocking is more sparse on the east end of the stand, hilly terrain.
32	4319 - Mixed Upland Forest	Poletimber Medium	13.3	80	51-80	Low quality site, mixed stand with some small open areas. Lots of pockets of saplings with mixed pole timber. Paper birch is rapidly dying back now. A few 8" aspen on north side of road and a small pocket of 14" aspen in southeast corner. Good time to harvest to regenerate the paper birch before they are gone. BA is only 60. Balsam fir is only 1-2 sticks with some 3-4. A pocket of white pine saplings near southwest corner.
33	6122 - Black Spruce	Poletimber Medium	73.6	65	1-50	



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
35	4140 - Other Upland Deciduous	Poletimber Well	24.2	98	81-110	Leave for age class diversity. Steep hill to operate on. Birch looks like it's beginning to decline with some starting to die off. Although there's more birch and a bit more healthy than stand 32 which is proposed for harvest this entry. Look at cutting next entry as surrounding stands age some more.
36	42110 - Planted Red Pine	Poletimber Well	26.1	57	141-170	Thinned in 2006 'County Line Pine' Hilly terrain.
39	4139 - Aspen, Mixed Deciduous	Sapling Well	13.2	25	Immature	Aspen regeneration is thick and the red maple regeneration is clumpy and not as thick.
41	4134 - Aspen, Spruce/Fir	Sapling Well	7.2	25	Immature	Stand about 30' tall, thick regen.
42	4191 - Mixed Upland Deciduous with Conifer	Poletimber Medium	17.9	80	1-50	Grassy opening filled in. Mix of pole timber and saplings. Hilly terrain.
43	4319 - Mixed Upland Forest	Poletimber Well	53.2	80	111-140	Steep along the pond and down to the creek in the south end. Makes nice buffer. Southern end of stand has many small drainages into the Millecoquins.
44	4112 - Maple, Beech, Cherry Association	Sapling Well	12.2	23	Immature	Stand about 25' tall. Nice mix of species, thick regen.
45	6120 - Lowland Cedar	Poletimber Well	32.3	150	141-170	Stand has Millecoquin Cr. along with other drainages running through the stand.
48	4112 - Maple, Beech, Cherry Association	Sawtimber Well	906.0	105	81-110	Portions were beech salvaged in 2010 and 2014 as Millecoquins Maple. Other treatments were in 2011 Mazo O Maple, 2005 Canada Lakes Ski Trial Hardwoods, and 1997 Salt Block Hardwoods. BA averages 114 in the proposed treatment areas.
50	4133 - Aspen, Mixed Pine	Poletimber Well	27.7	37	51-80	Good regeneration stocking in this stand. Some red maple was not cut and up to 8" dbh. Nice pocket of white pine regeneration in southeast corner.
51	4130 - Aspen	Sapling Well	16.7	24	Immature	Stand has thick regen, looks good. A few scattered pole sized maple left from previous harvest.
52	4191 - Mixed Upland Deciduous with Conifer	Poletimber Medium	10.7	47	51-80	Grassy opening filling in. Ski trail runs through south edge of stand. Some scattered pole timber.
54	4112 - Maple, Beech, Cherry Association	Sawtimber Well	9.7	97	81-110	
56	4130 - Aspen	Poletimber Well	150.9	34	1-50	Thick regeneration is looking good. Just entering pole sized stand, still some pockets just under A6. Scattered mature white pine left from previous harvest mostly in the southeast corner of stand.

S
t
a
n
d

Sault Ste. Marie Mgt. Unit

Report 7 – Forested Stands

Compartment: 178
Year of Entry: 2020



S t a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
61	6120 - Lowland Cedar	Poletimber Well	7.1	131	141-170	Good cedar stand, good thermal cover in this stand. Gets wetter near the power line.



Stand	Cover Type	Acres	Managed Site	General Comments:
1	500 - Water	1.1	No	
3	500 - Water	1.1	No	Decent cedar, good stocking. Leave for thermal cover. Maybe try cedar shelterwood next YOE.
5	122 - Road/Parking Lot	2.8	No	
6	623 - Emergent Wetland	1.0	No	Nice stand of timber, some rolling terrain. Stand contains some V0. Adjacent compartment to the west has a clearcut prescribed across the road. Hold stand for 10yrs for age class diversity.
7	500 - Water	8.2	No	
8	500 - Water	0.5	No	Stand is about 20' tall.
9	310 - Herbaceous Openland	5.6	No	
11	500 - Water	2.0	No	
12	500 - Water	1.0	No	
13	500 - Water	1.9	No	
15	622 - Lowland Shrub	5.2	No	
16	500 - Water	0.5	No	
20	500 - Water	1.7	No	
21	500 - Water	3.4	No	
23	500 - Water	2.4	No	
26	500 - Water	10.3	No	
27	500 - Water	2.5	No	
28	622 - Lowland Shrub	3.7	No	



Stand	Cover Type	Acres	Managed Site	General Comments:
34	500 - Water	2.0	No	
37	500 - Water	0.5	No	
38	500 - Water	7.6	No	
40	500 - Water	1.6	No	
46	310 - Herbaceous Openland	1.9	No	
47	629 - Mixed non-forested wetland	1.4	No	
49	310 - Herbaceous Openland	14.2	No	
53	310 - Herbaceous Openland	1.0	No	
55	310 - Herbaceous Openland	5.4	No	
57	310 - Herbaceous Openland	5.5	No	
59	622 - Lowland Shrub	3.0	No	
60	310 - Herbaceous Openland	2.0	No	
63	622 - Lowland Shrub	1.0	No	Nice stand of timber, some rolling terrain. Stand contains some V0. Adjacent compartment to the west has a clearcut prescribed across the road. Hold stand for 10yrs for age class diversity.
64	622 - Lowland Shrub	5.9	No	