



# Compartment Review Presentation

## Sault Ste. Marie Forest Management Unit

Compartment 45007

Entry Year 2020

Acreage: 2,731

County Chippewa

Management Area: Drummond Island

---

**Revision Date:** 2018-08-07

**Stand Examiner:** Jeff Wise

**Legal Description:**

T41N-R6E Sections 1,2,12 T42N-R6E, Sections 23, 25,26,35,36

**Identified Planning Goals:**

To develop an optimal age class distribution of aspen stands for sustainable forestry and wildlife values. Rotate hardwood treatments for optimal regeneration and stocking of all age classes. Maintain current openings as needed for diversity and enhancement of wildlife benefits. Provide public access for multiple use benefits such as hunting, gathering, orv/snowmobile riding and camping while protecting the natural resource. This compartment is within the Drummond Island Management Area. No harvesting is planned for this YOE. Many of the Northern hardwood stands are already on contract for removal of diseased Beech. These treatments comprise a large amount of acres and will result in much activity in the Compartment over the next few years.

**Soil and topography:**

Shelter-Posen-Summerville Association: Very deep and shallow, nearly level to very steep, somewhat poorly drained and well drained, loamy soils on ground moraines and glacial lake benches. Topography consists of some areas of gently rolling terrain, other areas are quite flat.

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

This compartment contains private land holdings to the north and south, the east and west boundaries are bordered by state land. Land use in the compartment consists of orv and snowmobile riding (along designated routes), hunting and gathering. Private holdings within and around the compartment are primarily held for recreational purposes

**Unique Natural Features:**

Unique features include Loyals Lake, due mostly to its unusual shape. Part of Dry Lake is also contained in this compartment. Other features include several vernal ponds which hold water in both the spring and fall seasons. MNFI shows the Grey Wolf as the only occurrence within the compartment.

**Archeological, Historical, and Cultural Features:**

There are three archaeological sites located within this compartment, however no treatments interfere with these sites so there are no concerns.

**Special Management Designations or Considerations:**

Since BBD has devastated the beech resource in this compartment, extensive beech salvage operations will dominate this YOE treatments, whicj arte already on contract.

**Watershed and Fisheries Considerations:**

This compartment contains portions of Dry Lake, Loyals Lake, Stony Creek, and other waters. Best management practices, including the 100-foot buffer, are protective of these waterbodies.

Dry Lake has a yellow perch population, and reportedly also has some northern pike. There is currently no developed public access for this water body. Ideally, there should be a primitive, carry-in access site to Dry Lake. If at all possible, we should try to have a landing incorporated into the timber sale to serve this purpose.

**Wildlife Habitat Considerations:**

This compartment is part of the Drummond Island MA where featured wildlife species include black bear, northern goshawk, ruffed grouse, sharp-tailed grouse, snowshoe hare, and white-tailed deer. northern hardwoods are common in this compartment and continue west into the next compartment. Most of these hardwoods contain beech, and was affected by beech bark disease. As a result, harvests focusing on beech were prescribed before this review cycle. As a result, no new treatments in hardwoods are proposed. Planting of oak or other species may take place to substitute for some of the hard mast lost as a result of the loss of beech. Wildlife objectives for northern hardwoods moving forward will be to maintain or increase diversity in these stands while maintaining adequate canopy closure to promote hawk nesting, such

as for northern goshawks, and promote food sources, particularly hard mast, for bear, deer, and other species. Regeneration of these stands is also important, particularly maintaining adequate maple in the stands. Oak was recently planted in the far southern part of the compartment following a beech harvest for this purpose. Upland and lowland conifer stands will generally be retained to provide cover and other habitat for bear, bobcat, and numerous bird species. Lakes and wetlands will be buffered to maintain wetland and open water habitats for beaver, muskrat, waterfowl, amphibians and reptiles, and other species.

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

Surface sediments consist of thin to discontinuous lacustrine (lake) and peat and muck glacial deposits over bedrock. The glacial drift thickness varies between 10 and 50 feet. The Silurian Engadine, Manistique and Burnt Bluff Groups and Cabothead Shale subcrop below the glacial drift. The Engadine and burnt Bluff are quarried for stone in the UP. Gravel pits are located in the area and there may be some potential. There is no current economic oil and gas production in the UP.

### **Vehicle Access:**

The Second Lake Road roughly bisects the compartment in an east-west direction with several spurs, usually dead end, going both north and south. All roads are strictly seasonal.

### **Survey Needs:**

None this YOY, however for the next YOY, the northern portion of the Compartment needs extensive survey work. Planning should begin now.

### **Recreational Facilities and Opportunities:**

A snowmobile trail, and a ORV trail, and Route for off roaders, also exist within the compartment. The ORV trail contains many water holes throughout but these are generally well accepted by users. Hunting, snowmobiling and ORV riding are the primary recreational opportunities within this compartment.

### **Fire Protection:**

Good access on the Second Lake Road, however, limited access from the north and south of the Second Lake Road. Water sources are sufficient with Loyals Lake being close by.

### **Additional Compartment Information:**

The following reports from the Inventory are attached:

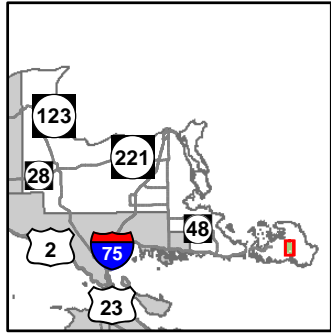
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

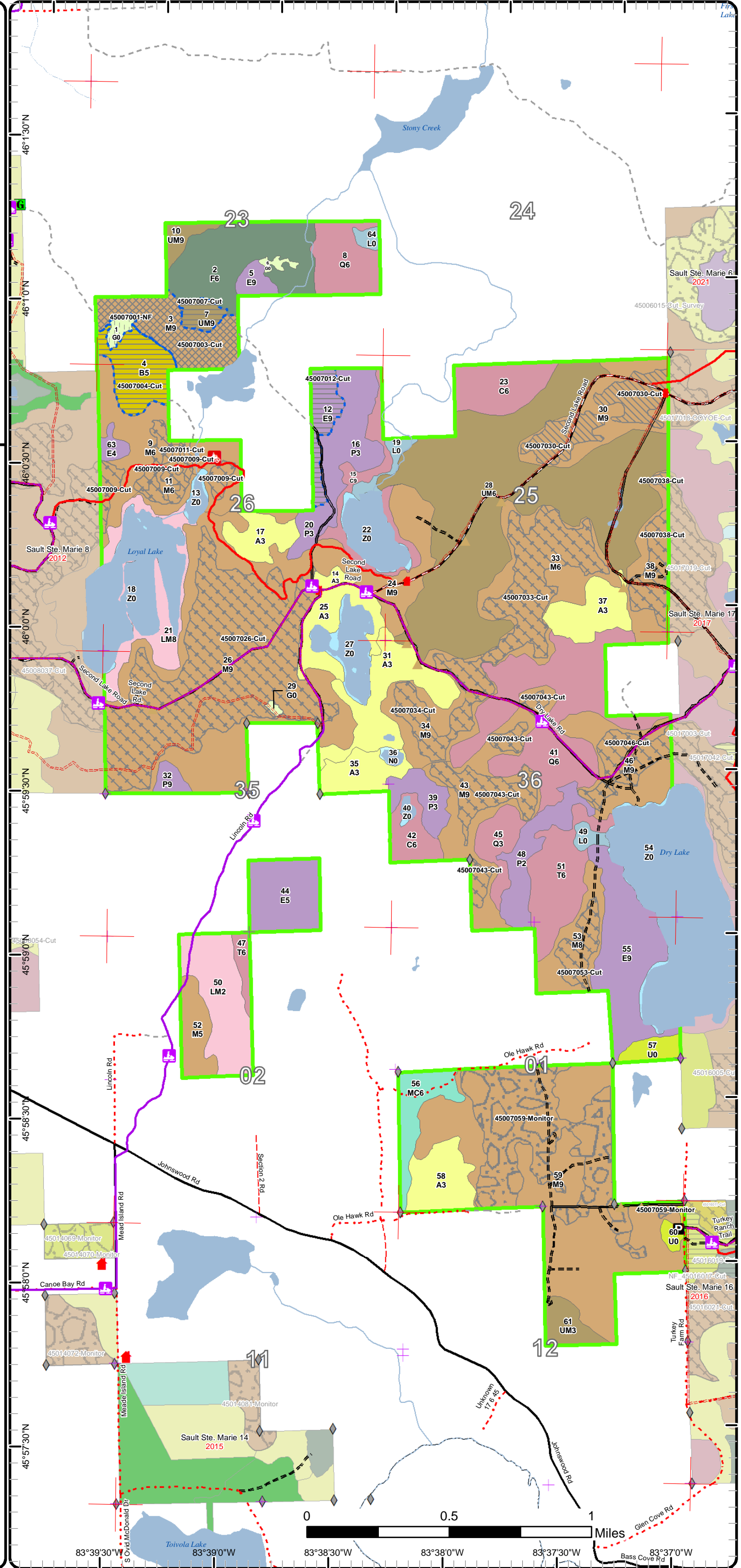
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

# Cover Type & Treatments Map

Compartment: 7  
 T46N,R06E, Sec. 23, 25, 26, 35, 36  
 T41N, R06E, Sec. 01, 02, 12  
 County: Chippewa  
 Unit: Sault Ste. Marie  
 Mgmt Area: Drummond Island  
 YOE: 2020  
 Acres: 2,731 GIS Calculated  
 Examiner: Jeff Wise  
 Map Revised: 12/7/2018  
 Map Phase: Post Review

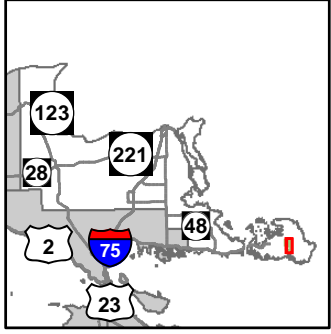


- Miris Corners
- Remonumented Section Corners
- Field Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- ORV Trails
- ORV Routes
- Snowmobile Trails
- Designated ATV
- Designated ORV Route
- Designated Snowmobile Trails
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers All
- Cabin
- Berms
- Parking Lot
- Structures
- Compartment Boundary
- Treatments with Site Conditions
- Other Harvest - See Comments
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Salvage
- Regeneration Survey
- Opening Maintenance
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 429 - Mixed 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
- 623 - Emergent Wetland
- Lakes

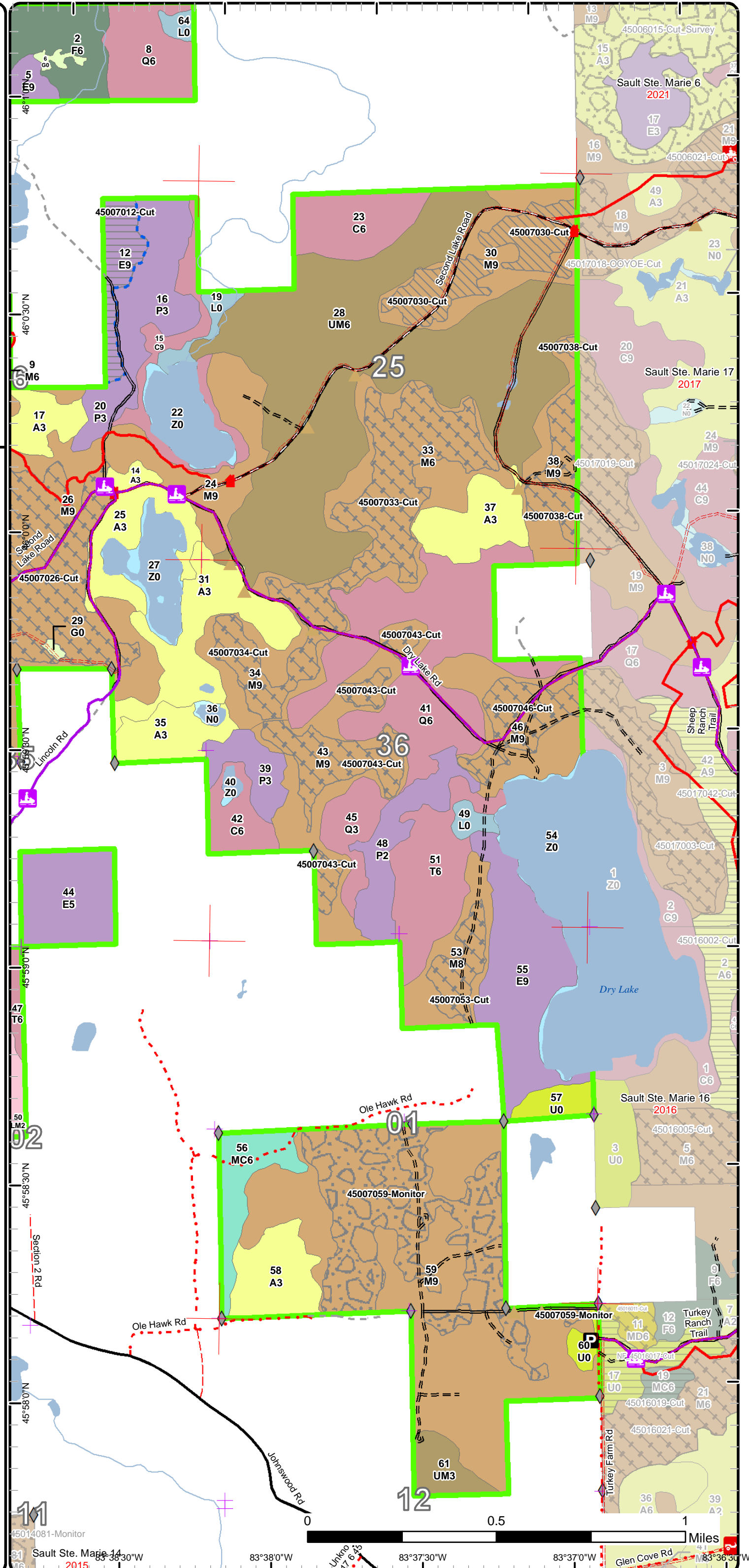


# Cover Type & Treatments Map

Compartment: 7  
 T46N,R06E, Sec. 23, 25, 26, 35, 36  
 T41N, R06E, Sec. 01, 02, 12  
 County: Chippewa  
 Unit: Sault Ste. Marie  
 Mgmt Area: Drummond Island  
 YOE: 2020  
 Acres: 2,731 GIS Calculated  
 Examiner: Jeff Wise  
 Map Revised: 12/7/2018  
 Map Phase: Post Review

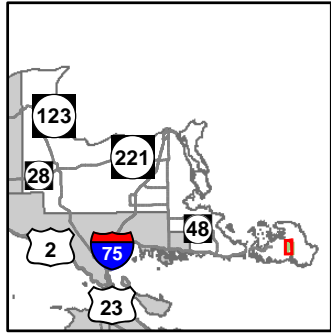


- Miris Corners
- Remonumented Section Corners
- Field Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- == DNR - Forest Access Route
- Federal / State / County - Paved Road
- - - County - Gravel Road
- . - . County - Dirt Road (Seasonal)
- - - Private - Dirt / Gravel Road
- ORV Routes
- Snowmobile Trails
- Designated ATV
- Designated ORV Route
- Designated Snowmobile Trails
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers All
- Berms
- Parking Lot
- Structures
- Compartment Boundary
- Treatments with Site Conditions
- Other Harvest - See Comments
- Clearcut (w/Reserves)
- Salvage
- Regeneration Survey
- 411 - Northern Hardwood
- 413 - Aspen
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- Lakes

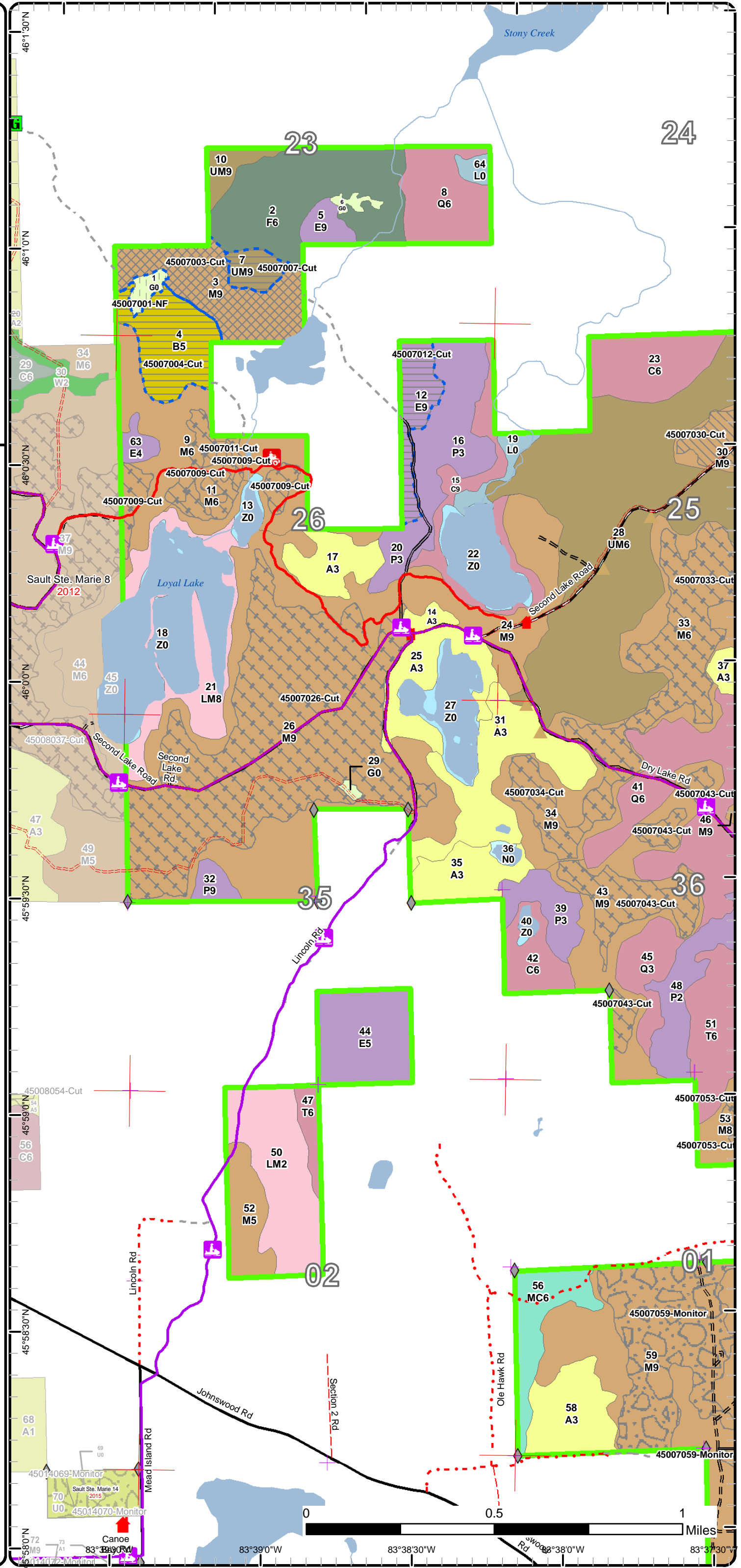


# Cover Type & Treatments Map

Compartment: 7  
 T46N,R06E, Sec. 23, 25, 26, 35, 36  
 T41N, R06E, Sec. 01, 02, 12  
 County: Chippewa  
 Unit: Sault Ste. Marie  
 Mgmt Area: Drummond Island  
 YOE: 2020  
 Acres: 2,731 GIS Calculated  
 Examiner: Jeff Wise  
 Map Revised: 12/7/2018  
 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
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- 🚙 ORV Trails
- 🚙 ORV Routes
- 🚙 Snowmobile Trails
- Designated ATV
- Designated ORV Route
- Designated Snowmobile Trails
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers All
- 🏠 Cabin
- ▲ Berms
- 🏠 Structures
- Compartment Boundary
- Treatments with Site Conditions
- Other Harvest - See Comments
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Salvage
- Regeneration Survey
- Opening Maintenance
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- Lakes

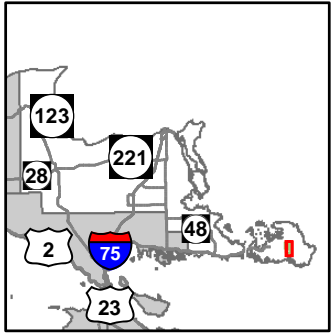


46°1'30"N  
 46°1'0"N  
 46°0'30"N  
 46°0'0"N  
 45°59'30"N  
 45°59'0"N  
 45°58'30"N  
 45°58'0"N  
 45°57'30"N  
 45°57'0"N  
 45°56'30"N  
 45°56'0"N  
 45°55'30"N  
 45°55'0"N  
 45°54'30"N  
 45°54'0"N  
 45°53'30"N  
 45°53'0"N  
 45°52'30"N  
 45°52'0"N  
 45°51'30"N  
 45°51'0"N  
 45°50'30"N  
 45°50'0"N  
 45°49'30"N  
 45°49'0"N  
 45°48'30"N  
 45°48'0"N  
 45°47'30"N  
 45°47'0"N  
 45°46'30"N  
 45°46'0"N  
 45°45'30"N  
 45°45'0"N  
 45°44'30"N  
 45°44'0"N  
 45°43'30"N  
 45°43'0"N  
 45°42'30"N  
 45°42'0"N  
 45°41'30"N  
 45°41'0"N  
 45°40'30"N  
 45°40'0"N  
 45°39'30"N  
 45°39'0"N  
 45°38'30"N  
 45°38'0"N  
 45°37'30"N  
 45°37'0"N  
 45°36'30"N  
 45°36'0"N  
 45°35'30"N  
 45°35'0"N  
 45°34'30"N  
 45°34'0"N  
 45°33'30"N  
 45°33'0"N  
 45°32'30"N  
 45°32'0"N  
 45°31'30"N  
 45°31'0"N  
 45°30'30"N  
 45°30'0"N  
 45°29'30"N  
 45°29'0"N  
 45°28'30"N  
 45°28'0"N  
 45°27'30"N  
 45°27'0"N  
 45°26'30"N  
 45°26'0"N  
 45°25'30"N  
 45°25'0"N  
 45°24'30"N  
 45°24'0"N  
 45°23'30"N  
 45°23'0"N  
 45°22'30"N  
 45°22'0"N  
 45°21'30"N  
 45°21'0"N  
 45°20'30"N  
 45°20'0"N  
 45°19'30"N  
 45°19'0"N  
 45°18'30"N  
 45°18'0"N  
 45°17'30"N  
 45°17'0"N  
 45°16'30"N  
 45°16'0"N  
 45°15'30"N  
 45°15'0"N  
 45°14'30"N  
 45°14'0"N  
 45°13'30"N  
 45°13'0"N  
 45°12'30"N  
 45°12'0"N  
 45°11'30"N  
 45°11'0"N  
 45°10'30"N  
 45°10'0"N  
 45°9'30"N  
 45°9'0"N  
 45°8'30"N  
 45°8'0"N  
 45°7'30"N  
 45°7'0"N  
 45°6'30"N  
 45°6'0"N  
 45°5'30"N  
 45°5'0"N  
 45°4'30"N  
 45°4'0"N  
 45°3'30"N  
 45°3'0"N  
 45°2'30"N  
 45°2'0"N  
 45°1'30"N  
 45°1'0"N  
 45°0'30"N  
 45°0'0"N

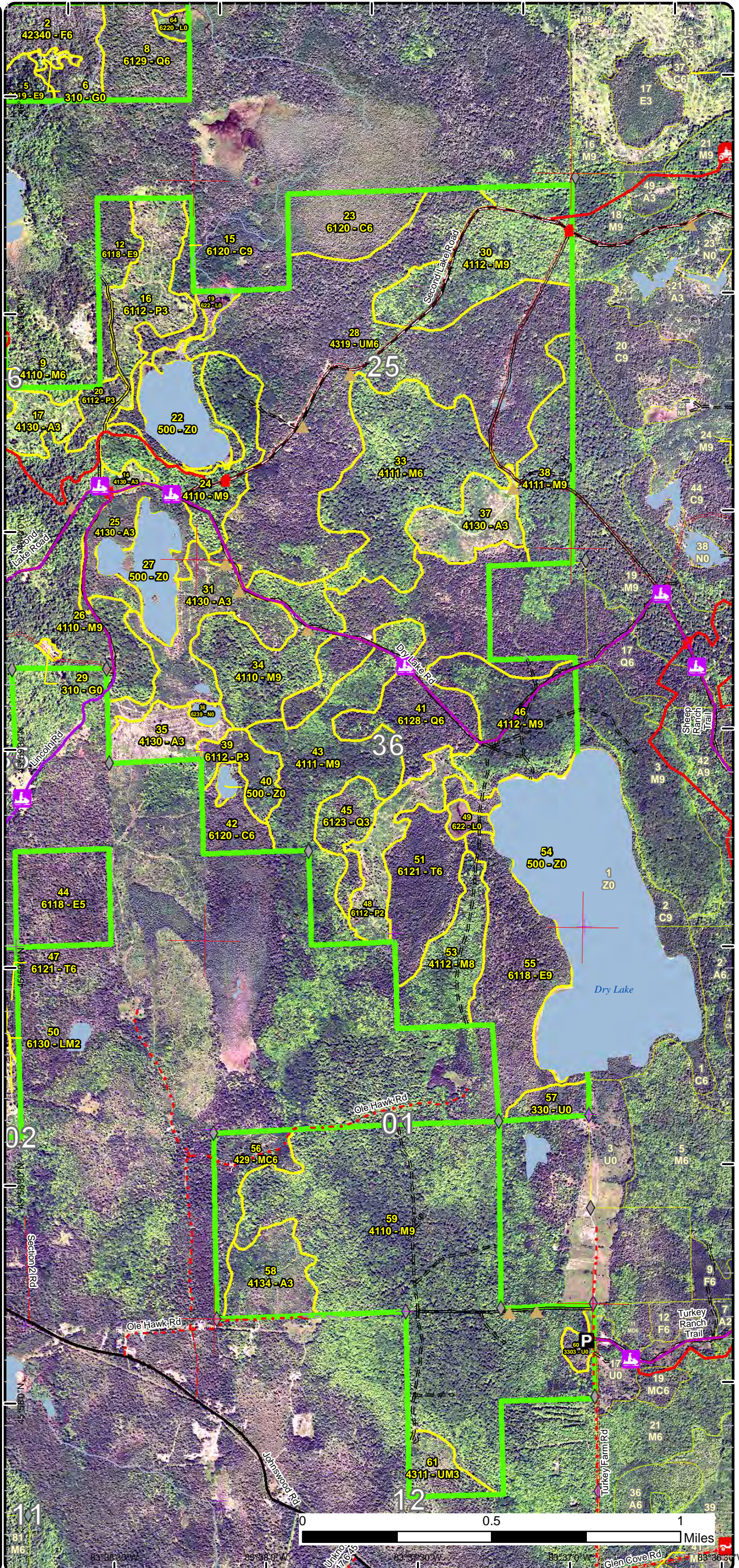
83°39'0"W  
 83°38'30"W  
 83°38'0"W  
 83°37'30"W  
 83°37'0"W  
 83°36'30"W  
 83°36'0"W  
 83°35'30"W  
 83°35'0"W  
 83°34'30"W  
 83°34'0"W  
 83°33'30"W  
 83°33'0"W  
 83°32'30"W  
 83°32'0"W  
 83°31'30"W  
 83°31'0"W  
 83°30'30"W  
 83°30'0"W  
 83°29'30"W  
 83°29'0"W  
 83°28'30"W  
 83°28'0"W  
 83°27'30"W  
 83°27'0"W  
 83°26'30"W  
 83°26'0"W  
 83°25'30"W  
 83°25'0"W  
 83°24'30"W  
 83°24'0"W  
 83°23'30"W  
 83°23'0"W  
 83°22'30"W  
 83°22'0"W  
 83°21'30"W  
 83°21'0"W  
 83°20'30"W  
 83°20'0"W  
 83°19'30"W  
 83°19'0"W  
 83°18'30"W  
 83°18'0"W  
 83°17'30"W  
 83°17'0"W  
 83°16'30"W  
 83°16'0"W  
 83°15'30"W  
 83°15'0"W  
 83°14'30"W  
 83°14'0"W  
 83°13'30"W  
 83°13'0"W  
 83°12'30"W  
 83°12'0"W  
 83°11'30"W  
 83°11'0"W  
 83°10'30"W  
 83°10'0"W  
 83°9'30"W  
 83°9'0"W  
 83°8'30"W  
 83°8'0"W  
 83°7'30"W  
 83°7'0"W  
 83°6'30"W  
 83°6'0"W  
 83°5'30"W  
 83°5'0"W  
 83°4'30"W  
 83°4'0"W  
 83°3'30"W  
 83°3'0"W  
 83°2'30"W  
 83°2'0"W  
 83°1'30"W  
 83°1'0"W  
 83°0'30"W  
 83°0'0"W

# Stand Boundary Map

Compartment: 7  
 T46N,R06E, Sec. 23, 25, 26, 35, 36  
 T41N, R06E, Sec. 01, 02, 12  
 County: Chippewa  
 Unit: Sault Ste. Marie  
 Mgmt Area: Drummond Island  
 YOE: 2020  
 Acres: 2,731 GIS Calculated  
 Examiner: Jeff Wise  
 Map Revised: 12/7/2018  
 Map Phase: Post Review

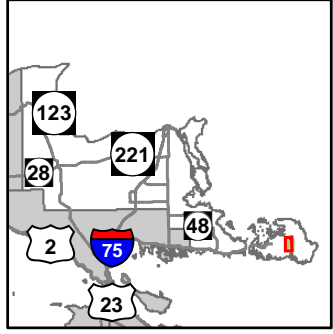


- Miris Corners
- + Remonumented Section Corners
- ◆ Field Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- 🚗 ORV Routes
- 🏠 Snowmobile Trails
- Designated ATV
- Designated ORV Route
- Designated Snowmobile Trails
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers All
- ▲ Berms
- P Parking Lot
- 🏠 Structures
- Compartment Boundary
- Stand Boundaries
- 411 - Northern Hardwood
- 413 - Aspen
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland

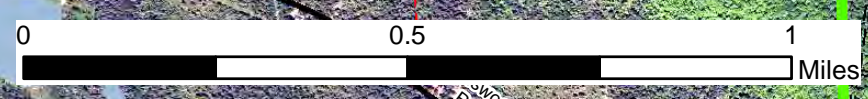
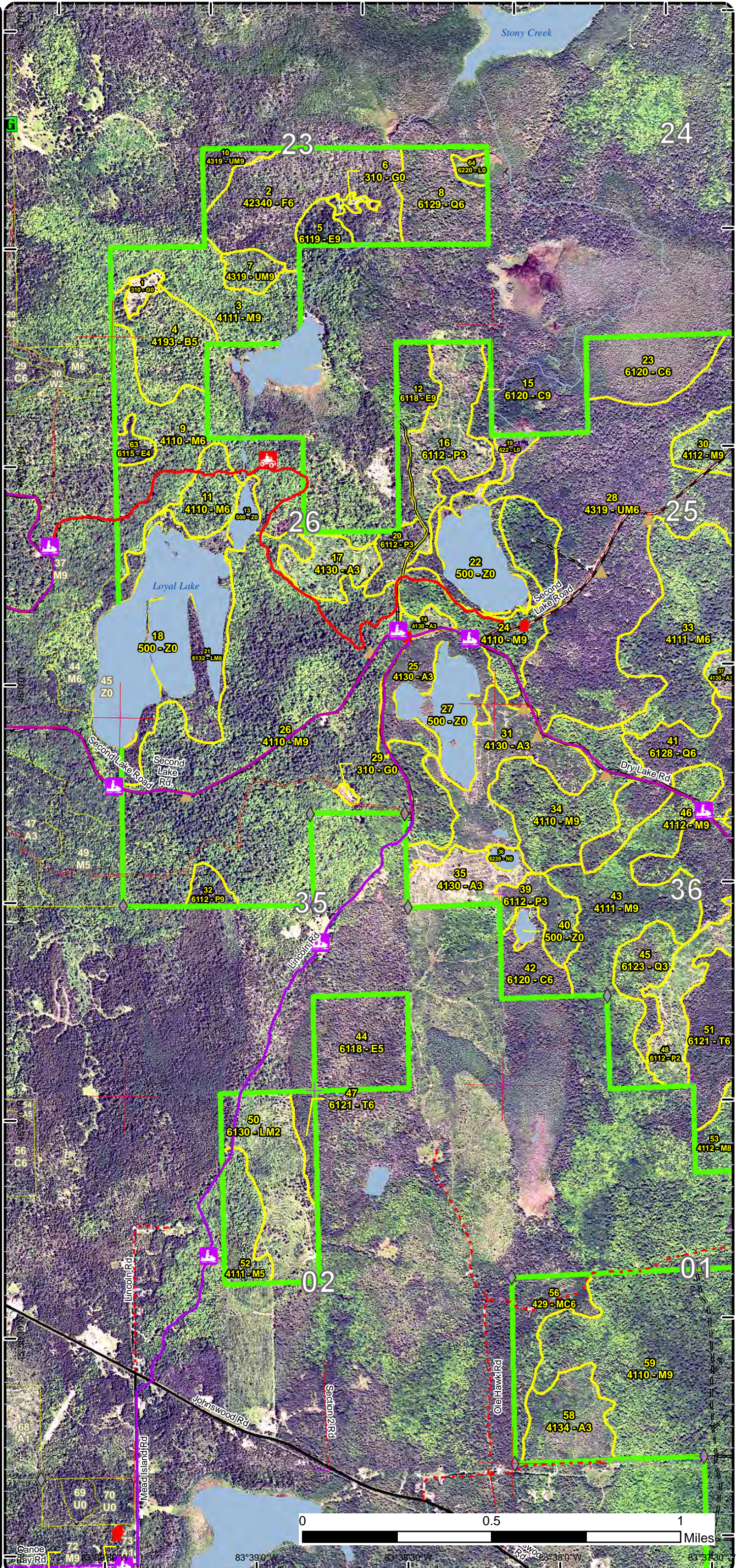


# Stand Boundary Map

Compartment: 7  
 T46N,R06E, Sec. 23, 25, 26, 35, 36  
 T41N, R06E, Sec. 01, 02, 12  
 County: Chippewa  
 Unit: Sault Ste. Marie  
 Mgmt Area: Drummond Island  
 YOE: 2020  
 Acres: 2,731 GIS Calculated  
 Examiner: Jeff Wise  
 Map Revised: 12/7/2018  
 Map Phase: Post Review



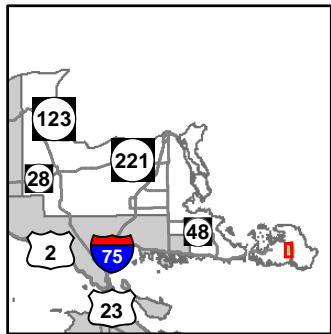
- Miris Corners
- + Remonumented Section Corners
- ◆ Field Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- 🚙 ORV Trails
- 🚙 ORV Routes
- 🚙 Snowmobile Trails
- Designated ATV
- Designated ORV Route
- Designated Snowmobile Trails
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers All
- 🏠 Cabin
- ▲ Berms
- 🏠 Structures
- Compartment Boundary
- Stand Boundaries
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland



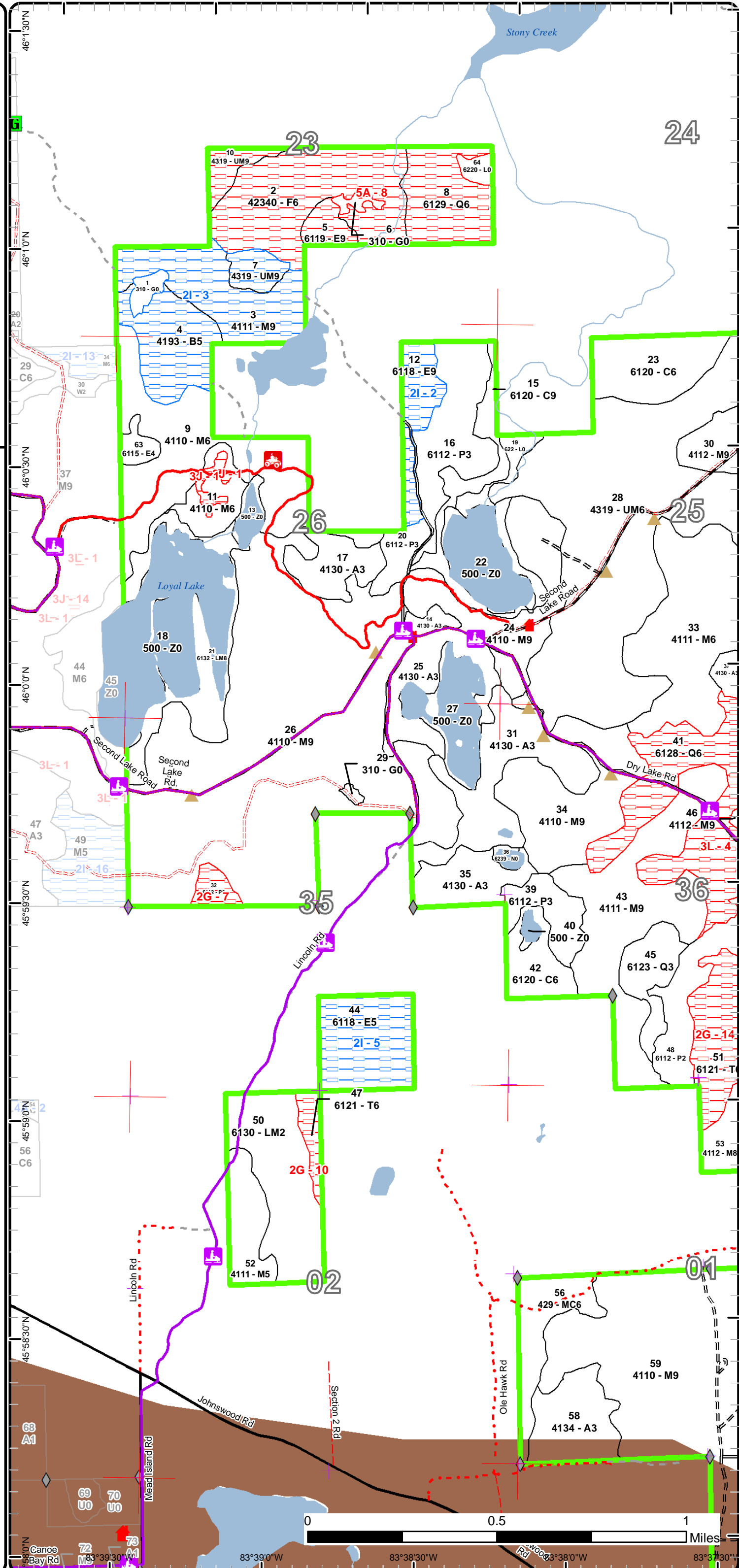
83°39'0" W      83°38'30" W      83°38'0" W      83°37'30" W

# Special Conservation Areas & Site Conditions Map

Compartment: 7  
 T46N,R06E, Sec. 23, 25, 26, 35, 36  
 T41N, R06E, Sec. 01, 02, 12  
 County: Chippewa  
 Unit: Sault Ste. Marie  
 Mgmt Area: Drummond Island  
 YOE: 2020  
 Acres: 2,731 GIS Calculated  
 Examiner: Jeff Wise  
 Map Revised: 12/7/2018  
 Map Phase: Post Review



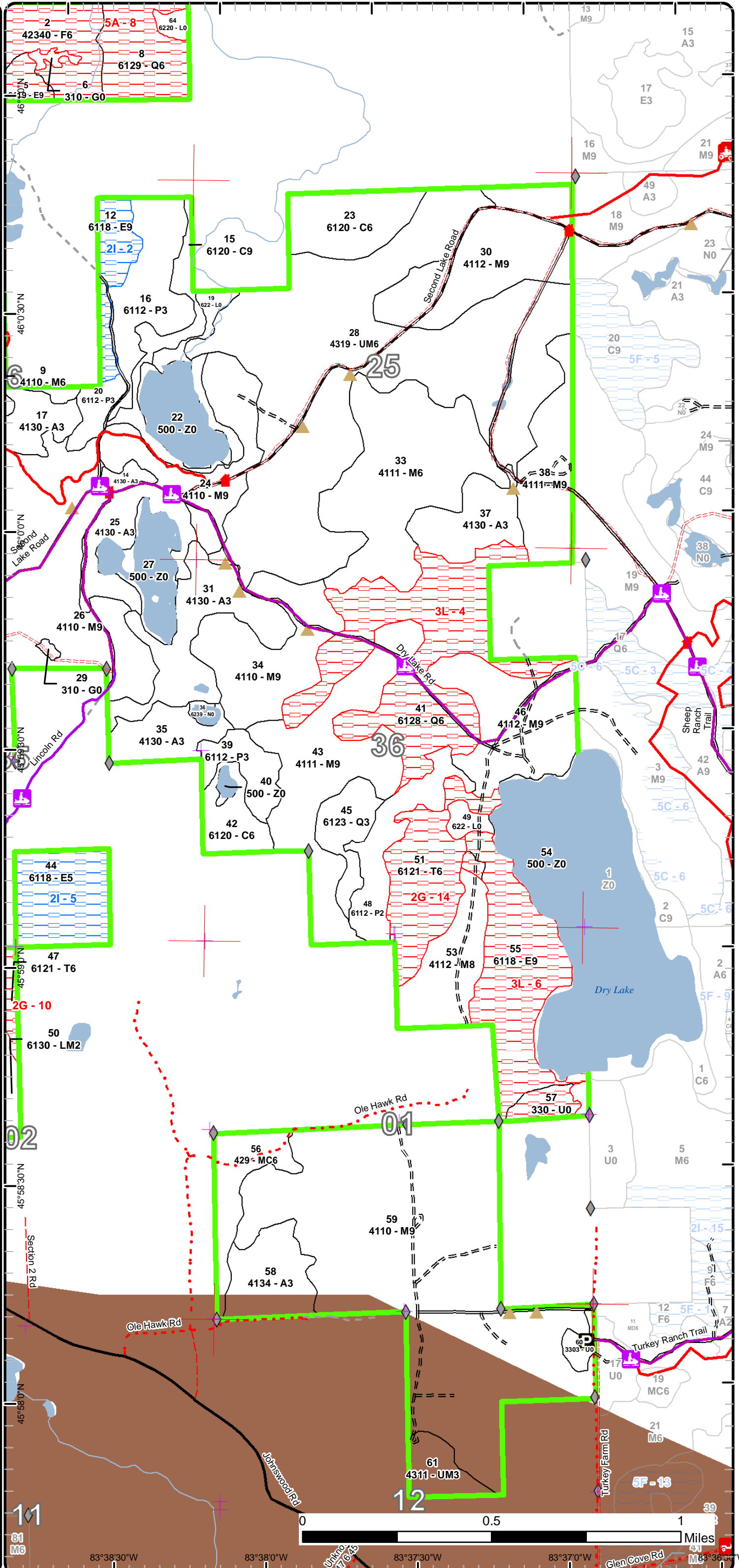
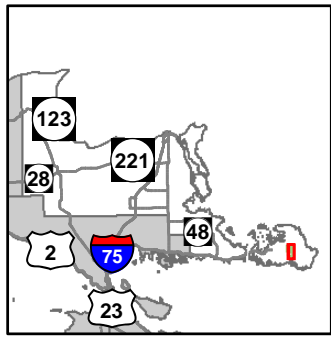
- Miris Corners
- + Remonumented Section Corners
- ◆ Field Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- 🚙 ORV Trails
- 🚙 ORV Routes
- 🚙 Snowmobile Trails
- Designated ATV
- Designated ORV Route
- Designated Snowmobile Trails
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers All
- 🏠 Cabin
- ▲ Berms
- 🏠 Structures
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 2I: Survey needed
- 2G: Too wet (sensitive soils, does not include access issues)
- 3J: Water quality / BMPs (stream, river, or lake)
- 3L: Other wildlife concerns
- 5A: Not able to obtain desirable regeneration
- Stand Boundaries
- Cold Water Streams
- Cold Water Lakes
- Deer Winter Range



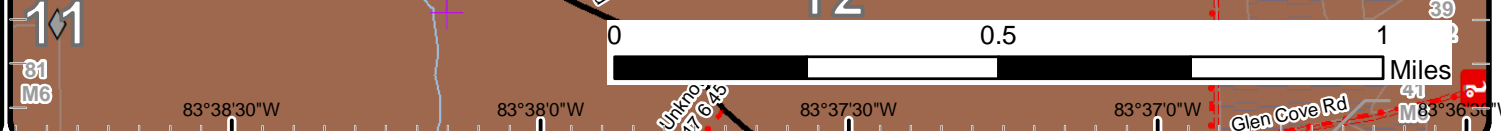


# Special Conservation Areas & Site Conditions Map

Compartment: 7  
 T46N,R06E, Sec. 23, 25, 26, 35, 36  
 T41N, R06E, Sec. 01, 02, 12  
 County: Chippewa  
 Unit: Sault Ste. Marie  
 Mgmt Area: Drummond Island  
 YOE: 2020  
 Acres: 2,731 GIS Calculated  
 Examiner: Jeff Wise  
 Map Revised: 12/7/2018  
 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
- Federal / State / County - Paved Road
- - - County - Gravel Road
- - - County - Dirt Road (Seasonal)
- - - Private - Dirt / Gravel Road
- ORV Routes
- Snowmobile Trails
- Designated ATV
- Designated ORV Route
- Designated Snowmobile Trails
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers All
- Berms
- Parking Lot
- Structures
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 2I: Survey needed
- 2G: Too wet (sensitive soils, does not include access issues)
- 3L: Other wildlife concerns
- 5A: Not able to obtain desirable regeneration
- Stand Boundaries
- Cold Water Streams
- Cold Water Lakes
- Deer Winter Range



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	75	48	28	31	0	0	0	0	0	0	0	0	0	0	0	0	0	181
Cedar	0	0	0	0	0	0	0	0	0	0	25	0	52	0	0	0	0	0	77
Herbaceous Openland	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Low-Density Trees	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
Lowland Aspen/Balsam Poplar	0	30	59	0	0	10	0	0	0	7	0	0	0	0	0	0	0	0	104
Lowland Conifers	0	0	0	0	20	0	34	0	0	0	0	0	110	0	0	0	0	0	164
Lowland Deciduous	0	0	0	0	0	0	0	5	8	20	109	0	0	0	0	0	0	0	142
Lowland Mixed Forest	0	0	51	0	0	0	0	0	0	0	39	0	0	0	0	0	0	0	90
Lowland Shrub	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
Marsh	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Northern Hardwood	0	0	0	0	0	0	0	0	22	1215	0	0	0	0	0	0	0	0	1237
Paper Birch	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	34
Tamarack	0	0	0	0	0	0	0	48	0	0	0	0	0	8	0	0	0	0	56
Upland Conifers	0	0	0	0	0	0	0	0	0	26	0	0	0	0	0	0	0	0	26
Upland Mixed Forest	0	0	15	0	0	0	9	281	0	9	0	0	0	0	0	0	0	0	314
Upland Spruce/Fir	0	0	0	0	0	0	71	0	0	0	0	0	0	0	0	0	0	0	71
Water	192	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	192
<b>Total</b>	<b>235</b>	<b>105</b>	<b>173</b>	<b>28</b>	<b>51</b>	<b>10</b>	<b>114</b>	<b>329</b>	<b>61</b>	<b>1265</b>	<b>45</b>	<b>148</b>	<b>162</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2730</b>



## Report 2 – Treatment Summary

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

Acres of Harvest

Compartment 7  
Total Compartment Acres: 2,731

Commercial Harvest - 477  
Harvests with Site Condition - 109  
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
Lowland Deciduous	20	0	0	0	0	0	0	0	0	20
Northern Hardwood	0	46	0	0	0	0	439	39		523
Paper Birch	34	0	0	0	0	0	0	0		34
Upland Mixed Forest	9	0	0	0	0	0	0	0		9
<b>Total</b>	<b>62</b>	<b>46</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>439</b>	<b>39</b>		<b>586</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	586	0	0	0	0	118	0	4		709
Next Step	0	0	439	0	0	557	547	0	0	1543
<b>Total</b>	<b>586</b>	<b>0</b>	<b>439</b>	<b>0</b>	<b>0</b>	<b>557</b>	<b>666</b>	<b>0</b>	<b>4</b>	<b>2251</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
1	45007001-NF	4.3	310 - Herbaceous Openland	Nonstocked		Unspecified	NonForestMgt	Brush Cutting	310 - Herbaceous Openland		Draft Field Boundary

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

Prescription FTP to remove Scotch Pine. Can get an ATV to the site.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019

3	45007003-Cut	46.2	4111 - S.Maple, Hard Mast Association	Sawtimber Well	85	51-80	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	Draft Field Boundary
---	--------------	------	---------------------------------------	----------------	----	-------	---------	-----------------------	-------------------------	-------------	----------------------

**Habitat Cut: No****Site Condition: Survey Needed**

Prescription Mark single trees for harvest to 70-80 Basal area with emphasis on regenerating sugar maple, beech and oak to encourage age class and structural diversity and increase mast production for deer, bear, and other species. Treatment may be modified to promote successful regeneration.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable present species

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019

4	45007004-Cut	33.9	4193 - Birch, Aspen	Poletimber Medium	78	51-80	Harvest	Clearcut with Retention	414 - Other Upland Deciduous	Even-Aged	Draft Field Boundary
---	--------------	------	---------------------	-------------------	----	-------	---------	-------------------------	------------------------------	-----------	----------------------

**Habitat Cut: No****Site Condition: Survey Needed**

Prescription Harvest all species except oak, cedar, hemlock, and pine to promote early successional habitat for ruffed grouse and other species while maintaining food sources and some cover species. Treatment may be modified to promote successful regeneration.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Present species

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019

7	45007007-Cut	9.0	4319 - Mixed Upland Forest	Sawtimber Well	85	51-80	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	Draft Field Boundary
---	--------------	-----	----------------------------	----------------	----	-------	---------	-------------------------	----------------------------	-----------	----------------------

**Habitat Cut: No****Site Condition: Survey Needed**

Prescription Harvest all species except cedar, hemlock, pine and oak to promote early successional habitat for ruffed grouse, deer, and other wildlife. Treatment may be modified to promote successful regeneration.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Present species

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019



Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
9	45007009-Cut	21.2	4110 - Sugar Maple Association	Poetimber Well	85	81-110	Harvest	Salvage	4110 - Sugar Maple Association	Uneven-Aged	Field Boundary

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

Prescription Remove all beech and ash except those marked for retention. Cutting of operational trees that is required to maneuver in the stands will be allowed.  
Specs: The beech and/or ash will be cruised and any hardwood that is cut during the harvest will be piled and scaled. The price for hardwood pulp will be set higher than average to deter the cutting of more trees than is necessary. 1-3 beech and/or ash per acre will be marked with green paint as retention trees focusing on those that look resistant, have significant bear claw marks or are large and wolfy.

Next Step Monitoring, Natural Regen (Intermediate); Planting, Underplant; Pesticide, Other - Specify  
Treatments:

Acceptable Regen:

Other Comment: Treatment was approved via the post compartment review process. 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 and ironwood.

Proposed Start Date: 12/9 /2015

11	45007011-Cut	9.5	4110 - Sugar Maple Association	Poetimber Well	80	51-80	Harvest	Salvage	411 - Northern Hardwood	Uneven-Aged	Field Boundary
----	--------------	-----	--------------------------------	----------------	----	-------	---------	---------	-------------------------	-------------	----------------

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

Prescription Remove all beech and ash except those marked for retention. Cutting of operational trees that is required to maneuver in the stands will be allowed.  
Specs: The beech and/or ash will be cruised and any hardwood that is cut during the harvest will be piled and scaled. The price for hardwood pulp will be set higher than average to deter the cutting of more trees than is necessary. 1-3 beech and/or ash per acre will be marked with green paint as retention trees focusing on those that look resistant, have significant bear claw marks or are large and wolfy.

Next Step Monitoring, Natural Regen (Intermediate); Pesticide, Other - Specify; Planting, Underplant  
Treatments:

Acceptable Regen:

Other Comment: Treatment approved via post compartment review process.

Proposed Start Date: 12/9 /2015

12	45007012-Cut	19.5	6118 - Lowland Deciduous with Cedar	Sawtimber Well	91	Unspecified	Harvest	Clearcut with Retention	611 - Lowland Deciduous Forest	Even-Aged	Draft Field Boundary
----	--------------	------	-------------------------------------	----------------	----	-------------	---------	-------------------------	--------------------------------	-----------	----------------------

**Habitat Cut: No****Site Condition: Survey Needed**

Prescription Harvest all species except cedar, hemlock, pine, and oak to promote early successional habitat for ruffed grouse, deer, and other wildlife. Do not reach into cedar or hemlock pockets to harvest other species. Buffer sinkhole or depression in northern part of stand. Treatment shape may be reduced by wet areas and cedar pockets, and may be modified to promote successful regeneration.

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

Acceptable Regen: Present species

Other Comment:

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
26 45007026-Cut	207.7	4110 - Sugar Maple Association	Sawtimber Well	85	51-80	Harvest	Salvage	411 - Northern Hardwood	Uneven-Aged	Field Boundary

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

Prescription Remove all beech and ash except those marked for retention. Cutting of operational trees that is required to maneuver in the stands will be allowed.  
Specs: The beech and/or ash will be cruised and any hardwood that is cut during the harvest will be piled and scaled. The price for hardwood pulp will be set higher than average to deter the cutting of more trees than is necessary. 1-3 beech and/or ash per acre will be marked with green paint as retention trees focusing on those that look resistant, have significant bear claw marks or are large and wolfy.

Next Step Monitoring, Natural Regen (Intermediate); Pesticide, Other - Specify; Planting, Underplant  
Treatments:

Acceptable Regen:

Other Comment:

Proposed Start Date: 10/1 /2015

30 45007030-Cut	38.6	4112 - Maple, Beech, Cherry Association	Sawtimber Well	85	81-110	Harvest	Other - Specify	4112 - Maple, Beech, Cherry Association	Unspecified	Field Boundary
-----------------	------	---	----------------	----	--------	---------	-----------------	---	-------------	----------------

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

Prescription Remove all beech and ash except those marked with green paint.

Specs:

Next Step Treatments:

Acceptable Regen:

Other Comment: Old next step comments: Check for beech and ash regen according to work instructions.

Proposed Start Date: 10/1 /2013

33 45007033-Cut	62.4	4111 - S.Maple, Hard Mast Association	Poetimber Well	85	51-80	Harvest	Salvage	411 - Northern Hardwood	Uneven-Aged	Field Boundary
-----------------	------	---------------------------------------	----------------	----	-------	---------	---------	-------------------------	-------------	----------------

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

Prescription Remove all beech and ash except those marked for retention. Cutting of operational trees that is required to maneuver in the stands will be allowed.  
Specs: The beech and/or ash will be cruised and any hardwood that is cut during the harvest will be piled and scaled. The price for hardwood pulp will be set higher than average to deter the cutting of more trees than is necessary. 1-3 beech and/or ash per acre will be marked with green paint as retention trees focusing on those that look resistant, have significant bear claw marks or are large and wolfy.

Next Step Monitoring, Natural Regen (Intermediate); Pesticide, Other - Specify; Planting, Underplant  
Treatments:

Acceptable Regen:

Other Comment:

Proposed Start Date: 12/9 /2014

34 45007034-Cut	32.0	4110 - Sugar Maple Association	Sawtimber Well	80	51-80	Harvest	Salvage	411 - Northern Hardwood	Uneven-Aged	Field Boundary
-----------------	------	--------------------------------	----------------	----	-------	---------	---------	-------------------------	-------------	----------------

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

Prescription remove all beech and ash except those marked for retention. Cutting of operational trees that is required to maneuver in the stands will be allowed.  
Specs: The beech and/or ash will be cruised and any hardwood that is cut during the harvest will be piled and scaled. The price for hardwood pulp will be set higher than average to deter the cutting of more trees than is necessary. 1-3 beech and/or ash per acre will be marked with green paint as retention trees focusing on those that look resistant, have significant bear claw marks or are large and wolfy.

Next Step Monitoring, Natural Regen (Intermediate); Pesticide, Other - Specify; Planting, Underplant  
Treatments:

Acceptable Regen: Maple, Beech, Ash, Ironwood, Fir, Spruce, Pine, Birch

Other Comment:

Proposed Start Date: 12/9 /2014

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
38	45007038-Cut	23.5	4111 - S.Maple, Hard Mast Association	Sawtimber Well	85	51-80	Harvest	Salvage	411 - Northern Hardwood	Uneven-Aged	Field Boundary

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

Prescription Remove all beech and ash except those marked for retention. Cutting of operational trees that is required to maneuver in the stands will be allowed.  
Specs: The beech and/or ash will be cruised and any hardwood that is cut during the harvest will be piled and scaled. The price for hardwood pulp will be set higher than average to deter the cutting of more trees than is necessary. 1-3 beech and/or ash per acre will be marked with green paint as retention trees focusing on those that look resistant, have significant bear claw marks or are large and wolfy.

Next Step Monitoring, Natural Regen (Intermediate); Pesticide, Other - Specify; Planting, Underplant  
Treatments:

Acceptable Regen:

Other Comment:

Proposed Start Date: 12/9 /2014

43	45007043-Cut	40.6	4111 - S.Maple, Hard Mast Association	Sawtimber Well	80	81-110	Harvest	Salvage	411 - Northern Hardwood	Uneven-Aged	Field Boundary
----	--------------	------	---------------------------------------	----------------	----	--------	---------	---------	-------------------------	-------------	----------------

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

Prescription Remove all beech and ash except those marked for retention. Cutting of operational trees that is required to maneuver in the stands will be allowed.  
Specs: The beech and/or ash will be cruised and any hardwood that is cut during the harvest will be piled and scaled. The price for hardwood pulp will be set higher than average to deter the cutting of more trees than is necessary. 1-3 beech and/or ash per acre will be marked with green paint as retention trees focusing on those that look resistant, have significant bear claw marks or are large and wolfy.

Next Step Monitoring, Natural Regen (Intermediate); Pesticide, Other - Specify; Planting, Underplant  
Treatments:

Acceptable Regen: Maple, Beech, Ironwood, Ash, Fir, Spruce, Pine, Birch

Other Comment:

Proposed Start Date: 12/9 /2014

46	45007046-Cut	25.8	4112 - Maple, Beech, Cherry Association	Sawtimber Well	80	81-110	Harvest	Salvage	4112 - Maple, Beech, Cherry Association	Uneven-Aged	Field Boundary
----	--------------	------	---	----------------	----	--------	---------	---------	---	-------------	----------------

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

Prescription Remove all beech and ash except those marked for retention. Cutting of operational trees that is required to maneuver in the stands will be allowed.  
Specs: The beech and/or ash will be cruised and any hardwood that is cut during the harvest will be piled and scaled. The price for hardwood pulp will be set higher than average to deter the cutting of more trees than is necessary. 1-3 beech and/or ash per acre will be marked with green paint as retention trees focusing on those that look resistant, have significant bear claw marks or are large and wolfy.

Next Step Monitoring, Natural Regen (Intermediate); Pesticide, Other - Specify; Planting, Underplant  
Treatments:

Acceptable Regen:

Other Comment: Old next step comments: Check for beech and ash regen according to work instructions.

Proposed Start Date: 10/1 /2013



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
53	45007053-Cut	15.9	4112 - Maple, Beech, Cherry Association	Sawtimber Medium	80	51-80	Harvest	Salvage	411 - Northern Hardwood	Uneven-Aged	Field Boundary

**Habitat Cut: No**

**Site Condition:**

Prescription Remove all beech and ash except those marked for retention. Cutting of operational trees that is required to maneuver in the stands will be allowed.  
Specs: The beech and/or ash will be cruised and any hardwood that is cut during the harvest will be piled and scaled. The price for hardwood pulp will be set higher than average to deter the cutting of more trees than is necessary. 1-3 beech and/or ash per acre will be marked with green paint as retention trees focusing on those that look resistant, have significant bear claw marks or are large and wolfy

Next Step Monitoring, Natural Regen (Intermediate); Pesticide, Other - Specify; Planting, Underplant  
Treatments:

Acceptable Regen: Maple, Beech, Ironwood, Birch, Fir, Pine

Other Comment:

Proposed Start Date: 12/8 /2014

59	45007059-Monitor	118.4	4110 - Sugar Maple Association	Sawtimber Well	85	51-80	Monitoring	Natural Regen (Intermediate)	411 - Northern Hardwood	Uneven-Aged	Field Boundary
----	------------------	-------	--------------------------------	----------------	----	-------	------------	------------------------------	-------------------------	-------------	----------------

**Habitat Cut: No**

**Site Condition:**

Prescription Check to see if beech brush is choking out other species.  
Specs:

Next Step ; Pesticide, Other - Specify  
Treatments:

Acceptable Regen: Scattered oak in the understory.

Other Comment: Percent to Treat = 100%

Proposed Start Date: 6 /30/2018

**Total Treatment Acreage Proposed: 708.5**



## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Jeff Wise : Examiner

Compartment: 7

Year of Entry: 2020

### Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions				
		With Condition	Not Available		2I	2G	3J	3L	5A
182	182	0	0	Aspen					
77	77	0	0	Cedar					
8	8	0	0	Herbaceous Openland					
16	5	0	10	Low-Density Trees				10	
105	99	0	6	Lowland Aspen/Balsam Poplar		6			
164	20	0	144	Lowland Conifers				110	34
142	5	60	77	Lowland Deciduous	60			69	8
90	51	0	39	Lowland Mixed Forest			39		
16	16	0	0	Lowland Shrub					
3	3	0	0	Marsh					
1237	1116	46	75	Northern Hardwood	46		54	21	
34	0	34	0	Paper Birch	34				
55	0	0	55	Tamarack		55			
26	26	0	0	Upland Conifers					
315	297	9	9	Upland Mixed Forest	9				9
71	0	0	71	Upland Spruce/Fir					71
192	186	0	6	Water			6		
2,731	2,090	149	493	Total Forested Acres	149	61	99	211	122
	77%	5%	18%	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)	4	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Vernal ponds and retention area for beech salvage.							
2	Available	2I: Survey needed	20	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Jeff Wise : Examiner

Compartment: 7

Year of Entry: 2020

3	Available	2I: Survey needed	89	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	3L: Other wildlife concerns	110	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments: Cedar cutting restraints.							
5	Available	2I: Survey needed	40	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	3L: Other wildlife concerns	79	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Cedar cutting restraints							
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	5A: Not able to obtain desirable regeneration	122	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

**Report 4 – Site Conditions**

Sault Ste. Marie Mgt. Unit

Jeff Wise : Examiner

Compartment: 7

Year of Entry: 2020

10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	2I: Survey needed	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
14	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	47	4A: No Markets Available for these Forest Products	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

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



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
2	42340 - Upland Spruce/Fir	Poletimber Well	70.6	55	Unspecified	Stand is rocky with shallow soils. Stand contains mostly white spruce, balsam, and white pine. Only a few large aspen here and there, looks "alvarish". Old road through stand, and the west and north line is fenced, but no corner found?
3	4111 - S.Maple, Hard Mast Association	Sawtimber Well	46.2	85	51-80	Poor quality hardwood. West side contains some nice poles recruiting into the canopy. East side contains a pocket of decent oak. Basal area is very low. I noticed some sugar maple decline. Some rocky areas within the stand. North part has an area of heavy softwood understory. BBD just starting but some real healthy beech yet.
4	4193 - Birch, Aspen	Poletimber Medium	33.9	78	51-80	Poor quality stand. Rocky, boulders in the south part. Shale rock is exposed in certain areas within the sale. White birch is mostly dead. Scattered oak and ironwood.
5	6119 - Mixed Lowland Deciduous Forest	Sawtimber Well	8.1	83	81-110	Small stand of lowland hardwoods. Ground is very wet. Stand is holding up well. A very scenic and picturesque stand, open and mostly all basswood.
7	4319 - Mixed Upland Forest	Sawtimber Well	9.0	85	51-80	Nice stand in good condition.
8	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	34.2	55	1-50	Stand is rocky with shallow soils. Stand contains mostly balsam fir saps. Old trail up to the pond.
9	4110 - Sugar Maple Association	Poletimber Well	76.4	85	81-110	Stand of low density hardwood. There are some nice logs within the sale but basal area is very low. There is some good recruitment of SM poles here and there within the stand.
10	4319 - Mixed Upland Forest	Sawtimber Well	8.9	55	51-80	Was part of stand 2 but distinctly changes to mature open timber, used age data from stand 2.
11	4110 - Sugar Maple Association	Poletimber Well	18.1	80	51-80	Stand of poor quality hardwood. Basal area is very low. Sugar maple and beech are in tough shape. There are quite a few vernal ponds within the sale.
12	6118 - Lowland Deciduous with Cedar	Sawtimber Well	19.5	91	Unspecified	Stand contains pole sized cedar overtopped by old aspen, ground is low and wet, cedar is decent quality, small area of maple and birch in the middle. This stand was originally retenti0pon for stand 16 but has been given its own stand number.
14	4130 - Aspen	Sapling Well	4.7	6	Unspecified	Stand cut in fall of 2011, sale # 011-10. Aspen regeneration has flushed back nicely.
15	6120 - Lowland Cedar	Sawtimber Well	25.1	91	Unspecified	Stand contains pole sized cedar overtopped by old aspen. Ground is low and wet. Cedar is decent quality. Long, narrow stand surrounding in-named pond.
16	6112 - Lowland Aspen	Sapling Well	41.0	11	Immature	sale ,full regen



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
17	4130 - Aspen	Sapling Well	19.4	6	Unspecified	Stand was cut in fall of 2011, sale # 011-10. Aspen regeneration has flushed back well. A lot of the residual cedar within the stand has blown over due to shallow soils.
20	6112 - Lowland Aspen	Sapling Well	9.9	40	Unspecified	Small stand of aspen I came across. Aspen regen is good quality. Larger quaking aspen scattered amongst the regen.
21	6132 - Mixed Lowland Forest with Cedar	Sawtimber Medium	38.8	103	Unspecified	Small strip of low, swampy ground around Loyals Lake. A mix of species exists.
23	6120 - Lowland Cedar	Poletimber Well	33.7	113	Unspecified	
24	4110 - Sugar Maple Association	Sawtimber Well	47.5	80	51-80	Stand was thinned in 2003. Stand looks in good condition. Was being monitored for beech brush but is no longer needed.
25	4130 - Aspen	Sapling Well	27.9	27	Unspecified	Stand contains younger aspen with a heavy balsam understory. Aspen is decent quality.
26	4110 - Sugar Maple Association	Sawtimber Well	309.0	85	51-80	Stand was selectively cut in 2003. Hardwood looks good. BA is good.
28	4319 - Mixed Upland Forest	Poletimber Well	281.2	66	81-110	Stand is holding up well, not quite ready for harvest, some cedar groves within.
30	4112 - Maple, Beech, Cherry Association	Sawtimber Well	69.9	85	81-110	Stand contains poorer quality hardwood. Average BA of 110.
31	4130 - Aspen	Sapling Well	48.4	14	Unspecified	Stand was clear cut in 2004. Aspen is coming back nicely. Residual cedar and white spruce scattered amongst the cut.
32	6112 - Lowland Aspen	Sawtimber Well	6.5	85	Unspecified	Very small pocket of old aspen amongst the hardwood. Stand sits within a small depression that probably holds water now and again. Unique stand, good for wildlife.
33	4111 - S.Maple, Hard Mast Association	Poletimber Well	95.8	85	51-80	Stand was recently thinned (2002). Beech and ironwood are the dominant understory species. Sugar maple is decent quality.
34	4110 - Sugar Maple Association	Sawtimber Well	55.8	80	51-80	Stand thinned in 2004. Sugar maple and beech are ok quality. Beech and ironwood regen is heavy in areas.
35	4130 - Aspen	Sapling Well	22.0	6	Immature	Sale, some cedar cut.
37	4130 - Aspen	Sapling Well	28.8	7	Immature	Stand cut in fall of 2011, sale # 011-10. Aspen has flushed back very well within the stand.
38	4111 - S.Maple, Hard Mast Association	Sawtimber Well	40.1	85	51-80	Stand of hardwood recently thinned in 2005. Stand looks good. Avg. BA of 80.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
39	6112 - Lowland Aspen	Sapling Well	17.5	14	Unspecified	Stand was cut in 2004. Aspen regen is patchy. There is a high amount of residual balsam left within the cut. Balsam is 20-25' tall. 1-2" dbh.
41	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	109.8	115	Unspecified	Primarily a cedar swamp with old aspen overtopping the cedar. Aspen is very poor quality. Cedar is decent quality.
42	6120 - Lowland Cedar	Poletimber Well	17.8	116	Unspecified	Ground is low.
43	4111 - S.Maple, Hard Mast Association	Sawtimber Well	83.7	80	81-110	Poor quality hardwood stand. Sugar maple and beech are coming in underneath.
44	6118 - Lowland Deciduous with Cedar	Poletimber Medium	40.1	103	Unspecified	Decent quality cedar overtopped by old aspen. Volume is very poor, ground is wet. No access into stand.
45	6123 - Lowland Fir	Sapling Well	19.5	30	Unspecified	Stand of low ground. Balsam is thick. Cedar, sugar maple, and white birch are scattered.
46	4112 - Maple, Beech, Cherry Association	Sawtimber Well	57.9	80	81-110	Stand of low basal area hardwood. There are some nice sugar maple and beech poles coming in underneath however. Good future logs.
47	6121 - Tamarack	Poletimber Well	7.9	127	Unspecified	Lowland swamp of mixed species.
48	6112 - Lowland Aspen	Sapling Medium	30.4	6	Unspecified	Cut in fall of 2011, aspen regeneration looks good. Sale # 011-10
50	6130 - Fir, Aspen, Maple	Sapling Medium	51.2	13	Unspecified	Balsam and white spruce clumps scattered throughout the stand. Cedar was reserved
51	6121 - Tamarack	Poletimber Well	47.5	64	Unspecified	Swamp of mixed species. Stand is in good condition.
52	4111 - S.Maple, Hard Mast Association	Poletimber Medium	21.6	75	1-50	Stand recently thinned. Stand is very poor quality. Ground is shallow and rocky. Basal area is very low. Thick balsam fir is coming in underneath.
53	4112 - Maple, Beech, Cherry Association	Sawtimber Medium	37.4	80	51-80	Poor quality hardwood stand. North part of stand is very poor quality. South part of stand is a bit better. Beech and Ironwood regen is heavy in spots. North and south west part has conifer component.
55	6118 - Lowland Deciduous with Cedar	Sawtimber Well	68.8	101	Unspecified	Stand contains decent quality cedar overtopped by ancient aspen. Aspen is in extremely poor quality. Most of it is large culverts... There is a very high amt. of coarse wood debris within the stand as well.





	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
<b>56</b>	429 - Mixed Upland Conifers	Poletimber Well	25.9	81	51-80	Stand consists of a clear-cut with reserves. Aspen regen looks good. Some older aspen regen. exists as well. Some areas were high-graded years ago what remains are old patches of regen. mixed with young regen from a recent cut. Makes for a diverse stand.
<b>58</b>	4134 - Aspen, Spruce/Fir	Sapling Well	30.5	38	Unspecified	Aspen regen. looks good. Fully stocked.
<b>59</b>	4110 - Sugar Maple Association	Sawtimber Well	278.0	85	51-80	Beech was removed from this stand in 2017 as part of Trapper Beech. Oak trees were planted in the stand, mostly in areas where beech was salvaged. Stand was thinned in 2006. Stand looks healthy.
<b>61</b>	4311 - Pine, Aspen Mix	Sapling Well	15.4	12	Immature	Recent clearcut with reserves. Cedar and white pine are scattered amongst the sale. Aspen regen. looks good and is coming back nicely.
<b>63</b>	6115 - Lowland Ash	Poletimber Poor	5.4	70	Unspecified	Good sized vernal pond with scattered black ash within it.



Stand	Cover Type	Acres	Managed Site	General Comments:
1	310 - Herbaceous Openland	4.3	No	Old farm field.
6	310 - Herbaceous Openland	2.4	No	Growing in, looks like and old farm field, old road through stand.
13	500 - Water	6.2	No	
18	500 - Water	59.2	No	Loyals Lake
19	622 - Lowland Shrub	7.0	No	
22	500 - Water	26.7	No	
27	500 - Water	27.2	No	
29	310 - Herbaceous Openland	1.2	No	
36	6239 - Mixed Emergent Wetland	2.5	No	
40	500 - Water	2.1	No	
49	622 - Lowland Shrub	5.1	No	
54	500 - Water	70.9	No	West part of Dry Lake
57	330 - Low-Density Trees	10.4	No	
60	3303 - Mixed Low Density Trees	5.2	No	Opening has a gravel pit.
64	6220 - Alder/willow	3.8	No	