



# Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 45202

Entry Year 2027

Acreage: 3,486

County: Mackinac

Management Area: St. Ignace Lake Plain

---

**Stand Examiner:** Kevin Bryers

**Legal Description:**

T42N-R11W, Sections 15, 16, 21, 22, 27, 28 and 34

**Identified Planning Goals:**

Southwestern part of Simmons Woods area. Young aspen and heavily thinned hardwood stands are common. Along with a minor component of Cedar and Red Pine stands. Treatments of over-mature aspen/birch stands, hardwood stands for beech and ash salvage, and Red Pine thinning have occurred since last inventory. Continue to monitor and manage all stands in the compartment. Goals for 2027 are: To plant stand 39, thin numerous northern hardwood stands, and clearcut stand 58.

**Soil and topography:**

Level to rolling with rock at or near surface. Soil types include Amadon-Longrie sandy loam; Wallace sand; Wallace-Alcona complex; Superior fine sandy loam; Battydoe, stony-Wallace complex; Longrie-Battydoe, stony, complex; Springlake loamy coarse sand; Amadon-Rock complex; Ensign fine sandy loam; and Leafriver-Croswell-Wainola complex.

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

State land to the northeast, east and south, including two other Simmons Woods compartments. Private land to the north and corporate land to the west.

**Unique Natural Features:**

Karst features are evident by Stone Lake. A portion of the wooded dune and swale complex is within the compartment boundaries. The potential exists for raptors to use the mature hardwoods and/or pine stands. Also, potential for threatened or endangered plant and animal species exists.

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

**Special Management Designations or Considerations:**

Compartment contains areas within a Designated Habitat Area.

**Watershed and Fisheries Considerations:**

This compartment contains Duel Lake, Mud Lake, Stone Lake, Cataract River, and Point Peterson Creek. The Cataract River and Point Peterson Creek are designated Type 1 trout streams less than 50-ft wide and have predicted mean July water temperatures that range from 60.9 to 63.1°F (cold streams). 300-foot buffers are recommended for the Cataract River and Point Peterson Creek in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, a minimum 100-foot, plus 5 feet per 1% increase in slope, buffer is recommended to protect these resources in accordance with Best Management Practices. Duel Lake, Mud Lake, and Stone Lake are natural lakes that exist in this compartment. 100-foot, plus 5 feet per 1% increase in slope, buffers are recommended to protect inland lake shoreland areas in accordance with Best Management Practices.

**Wildlife Habitat Considerations:**

This compartment is in the St. Ignace Lake Plain Management Area where featured wildlife species include American marten, American woodcock, black bear, blackburnian warbler, black-throated blue warbler, ruffed grouse, sharp-tailed grouse, snowshoe hare, and white-tailed deer. It is part of the Simmons Woods area. The eastern part has a designated habitat area for core interior forest species. The southern portion is in deer wintering complex, and there is wooded dune and swale complex in the southeastern portion. The wooded dune and swale complex will be protected. Northern hardwoods and aspen types are common in the compartment. Some northern hardwood stands will be treated to encourage age class and structural diversity. Others will be left to continue to mature. Some larger trees as well as species diversity will be retained. This will provide habitat for black-throated blue warbler, blackburnian warbler, and marten. During the last entry, oak planting was prescribed for a number of stands where beech salvage was occurring. Due to constraints including the rocky ground in many places, that did not occur. A number of aspen stands are relatively young, and most will be left to continue maturing. Ruffed grouse, snowshoe hare, woodcock, and deer will all benefit from the management

here. Any rare species or features will be protected as will lakes and wetlands.

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

Compartment 202 Sections 15-16, 21-22, 27-28, & 34, T42N R11W, Mackinac County No known potential exists for commercial oil & gas production in this part of the state, and there is no known potential for economic production of metallic minerals in this area. The closest known active sand & gravel operation is less than two miles north. Bedrock is very near the surface across much of the compartment and surrounding area. There may be some potential for minor amounts of sand & gravel from the thin glacial drift on the uplands. Extensive exploration (test drilling) for high-purity dolomite was conducted within the compartment and to the southwest. High-purity dolomite of the Engadine Group is relatively thin in the northern portion of the compartment and likely pinches out in Sec 16, but the formation increases in thickness to the south. The State acquired a significant portion of this property from Carmeuse, as part of a land exchange, a few years ago, and the dolomite resources were evaluated as part of the transaction. While valuable dolomite resources occur on/beneath the compartment, potential for economic development of these resources is unlikely in the near future. Development of a new quarry and associated infrastructure would not be economical at this time. The State does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, the surface owner must provide the owner of the mineral rights reasonable access to the surface for mineral exploration and development.

### **Vehicle Access:**

This compartment is fairly well roaded, but access is limited due to bermed or gated roads. South Gould City Road runs along the west side of the compartment. Simmons Woods Road, a good county gravel road, provides the main access route to numerous other roads and two-tracks. Other county roads that provide limited access include Polly Road, a fair gravel road, Richardson Road, a fair to good gravel road, and LaLonde Road, a poor road. The main loop road from the adjacent compartment of Simmons Trail and Mitigwaking Trail are continued here along the Catarac River. LaPine Grade, which heads southwest from Duel Lake, is bermed in the adjacent compartment near a seasonal streambed. Any new roads built for timber sale purposes will be bermed when complete.

### **Survey Needs:**

Approximately 1 mile of line needed for this entry years' timber sale purposes. T42N R11W section 15, NW1/4

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

Primarily hunting and fishing, mushroom and berry picking. An organized dog-sled race usually takes place here in March.

### **Fire Protection:**

Fire potential is low due to the large amount of acreage in hardwoods. Access into the compartment is good.

### **Additional Compartment Information:**

None

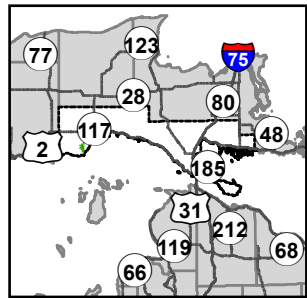
### **The following reports from the Inventory are attached:**





























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

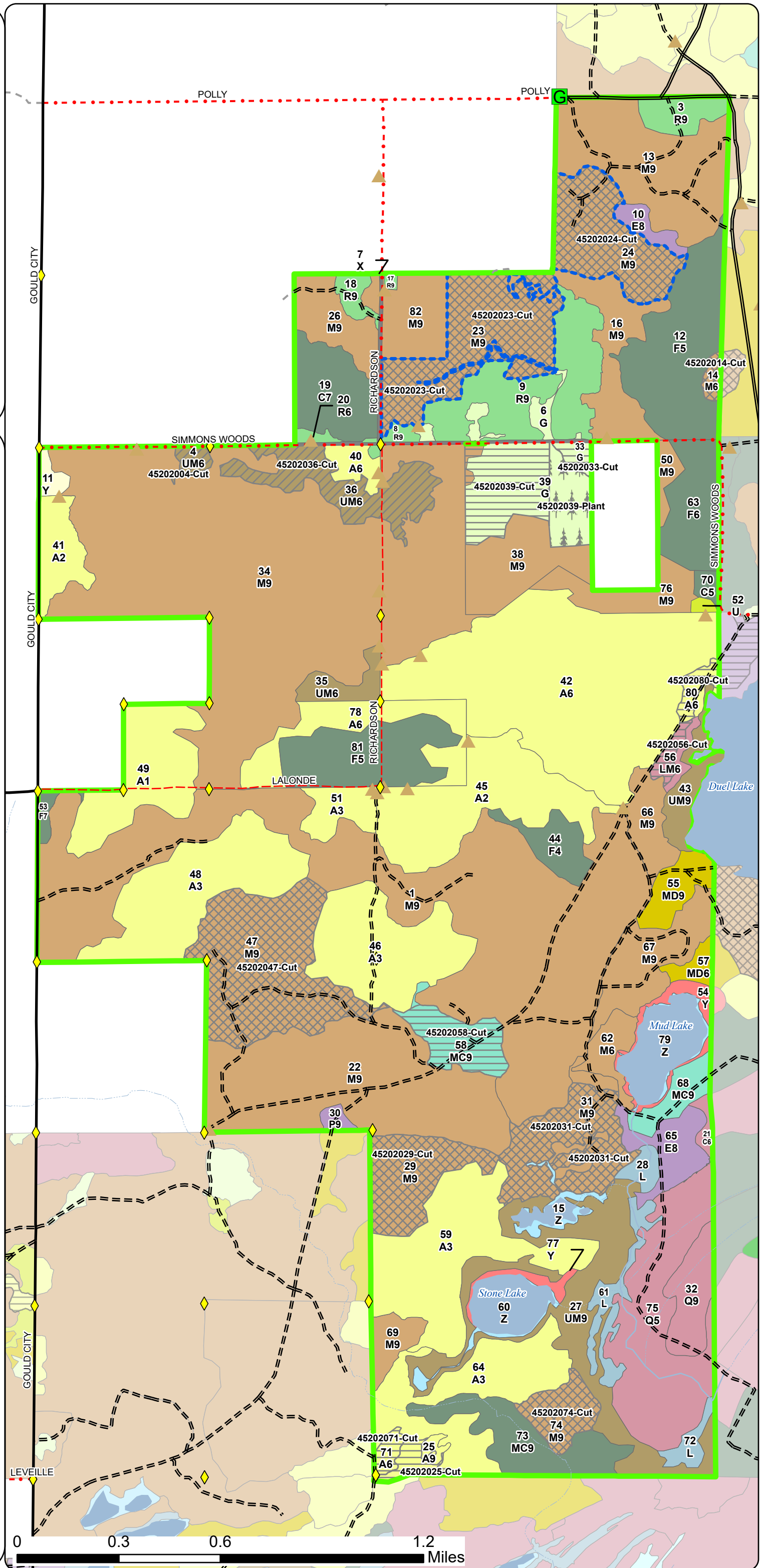
### **The following information is displayed, where pertinent, on the attached compartment maps:**

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

Compartment: 45202  
T42N,R11W,  
Sec: 15, 16, 21, 22, 27, 28, 34  
County: Mackinac  
Unit: Sault Ste. Marie  
Mgmt. Area: St. Ignace Lake Plain  
YOE: 2027  
Acres: 3,485.74 GIS Calculated  
Examiner: Kevin Bryers  
Date Exported: 7/18/2025  
Map Phase: Web Post

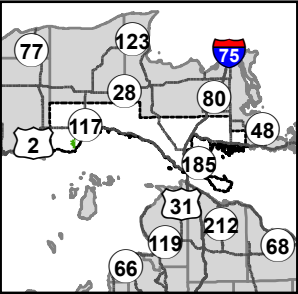


- |  |                                       |
|--|---------------------------------------|
|     | Survey Grade Corners                  |
|     | Berms                                 |
|    | Gate                                  |
|  | DNR - Secondary Forest Road           |
|  | DNR - Forest Access Route             |
|  | Federal / State / County - Paved Road |
|  | County - Gravel Road                  |
|  | County - Dirt Road (Seasonal)         |
|  | Private - Dirt / Gravel Road          |
|  | Intermittent Stream                   |
|  | Perennial River                       |
|  | Lakes and Rivers                      |
|  | Counties                              |
|  | Compartment Boundary                  |
|  | Treatments with Site Conditions       |
|  | Clearcut                              |
|  | Selection                             |
|  | Thinning                              |
|  | Planting (tree species)               |
|  | Clearcut                              |
|  | Selection                             |
|  | 411 - Northern Hardwood               |
|  | 413 - Aspen                           |
|  | 419 - Mixed Upland Deciduous          |
|  | 421 - Planted Pines                   |
|  | 423 - Other Upland Conifers           |
|  | 429 - Mixed Upland Conifers           |
|  | 430 - Upland Mixed Forest             |
|  | 500 - Water                           |
|  | 611 - Lowland Deciduous Forest        |
|  | 612 - Lowland Coniferous Forest       |
|  | 613 - Lowland Mixed Forest            |
|  | 122 - Road/Parking Lot                |
|  | 310 - Herbaceous Openland             |
|  | 330 - Low Density Trees               |
|  | 622 - Lowland Shrub                   |
|  | 710 - Sand, Soil                      |
|  | 730 - Mud Flats                       |

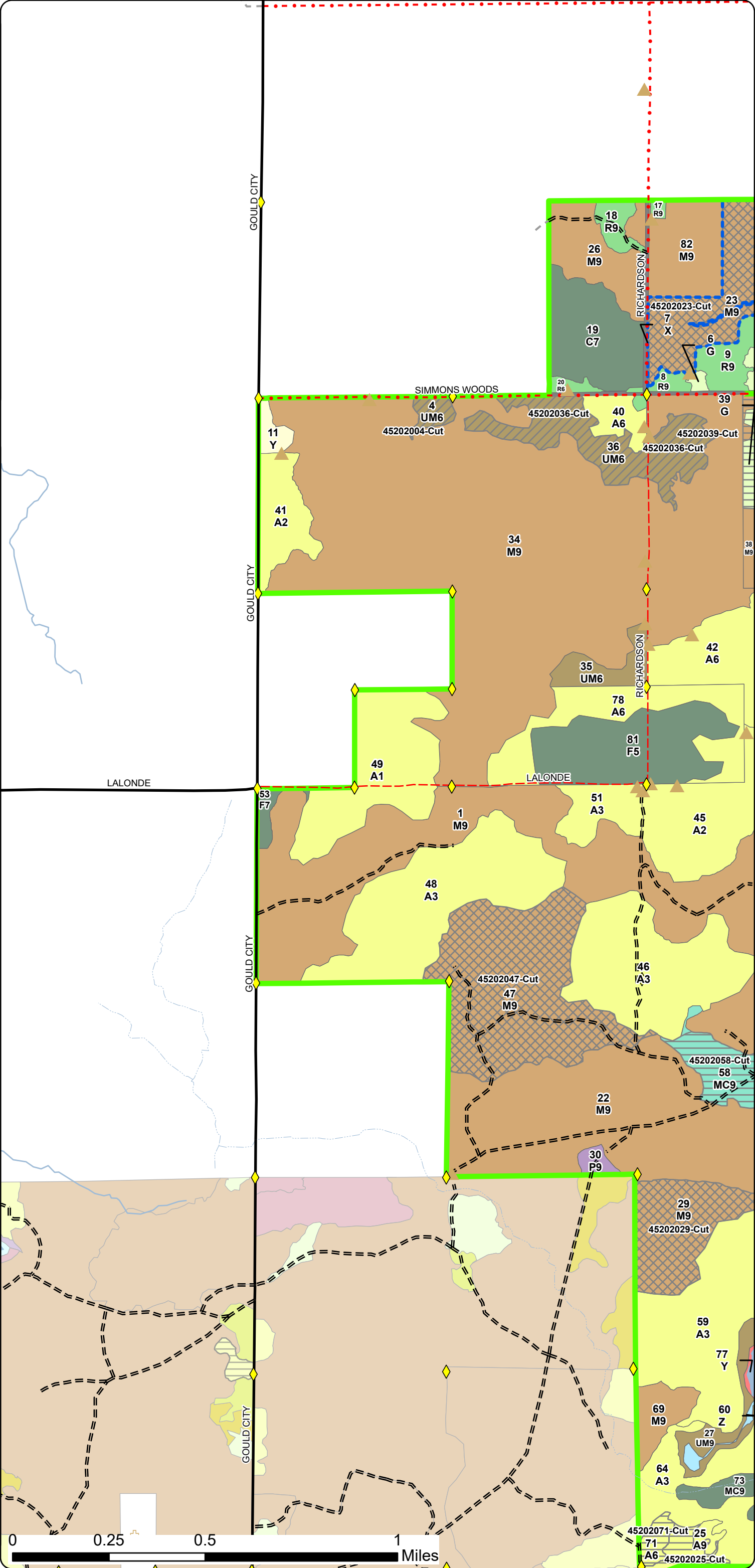


Cover Type & Treatments Map

Compartment: 45202  
T42N,R11W,  
Sec: 15, 16, 21, 22, 27, 28, 34  
County: Mackinac  
Unit: Sault Ste. Marie  
Mgmt. Area: St. Ignace Lake Plain  
YOE: 2027  
Acres: 3,485.74 GIS Calculated  
Examiner: Kevin Bryers  
Date Exported: 7/18/2025  
Map Phase: Web Post



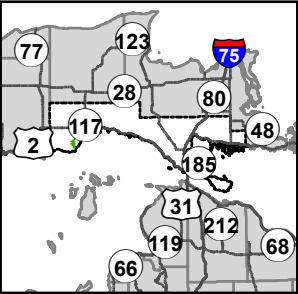
- Survey Grade Corners
- Berms
- Cemetery
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Intermittent Stream
- Perennial River
- Lakes and Rivers
- Counties
- Compartment Boundary
- Treatments with Site Conditions
- Clearcut
- Selection
- Thinning
- Clearcut
- 411 - Northern Hardwood
- 413 - Aspen
- 421 - Planted Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 500 - Water
- 611 - Lowland Deciduous Forest
- 122 - Road/Parking Lot
- 310 - Herbaceous Openland
- 710 - Sand, Soil
- 730 - Mud Flats



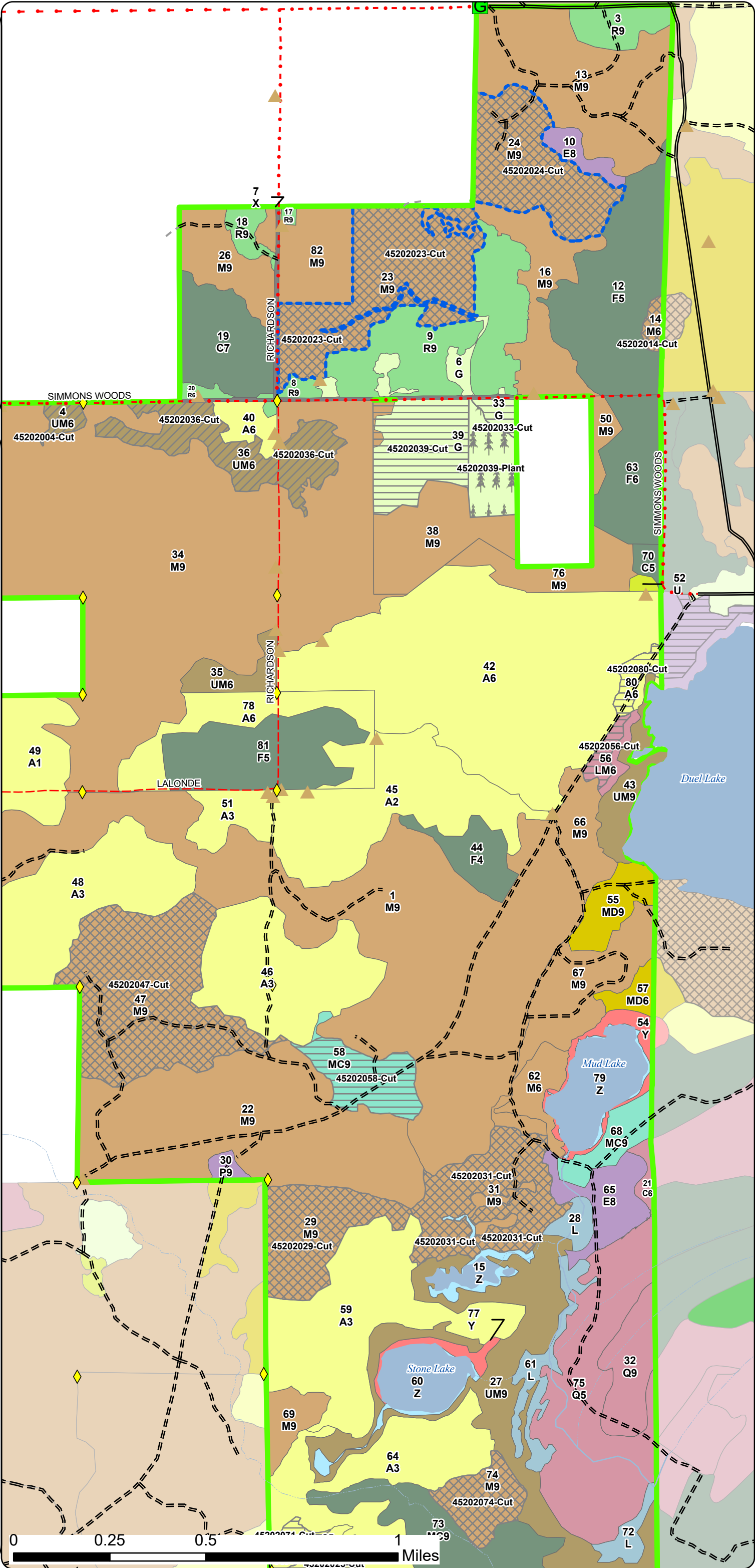


Cover Type & Treatments Map

Compartment: 45202  
T42N,R11W,  
Sec: 15, 16, 21, 22, 27, 28, 34  
County: Mackinac  
Unit: Sault Ste. Marie  
Mgmt. Area: St. Ignace Lake Plain  
YOE: 2027  
Acres: 3,485.74 GIS Calculated  
Examiner: Kevin Bryers  
Date Exported: 7/18/2025  
Map Phase: Web Post



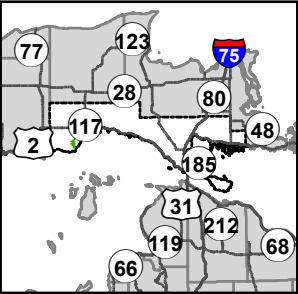
- Survey Grade Corners
- Berms
- Gate
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Intermittent Stream
- Perennial River
- Lakes and Rivers
- Counties
- Compartment Boundary
- Treatments with Site Conditions
- Clearcut
- Selection
- Thinning
- Planting (tree species)
- Clearcut
- Selection
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 500 - Water
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Road/Parking Lot
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 730 - Mud Flats



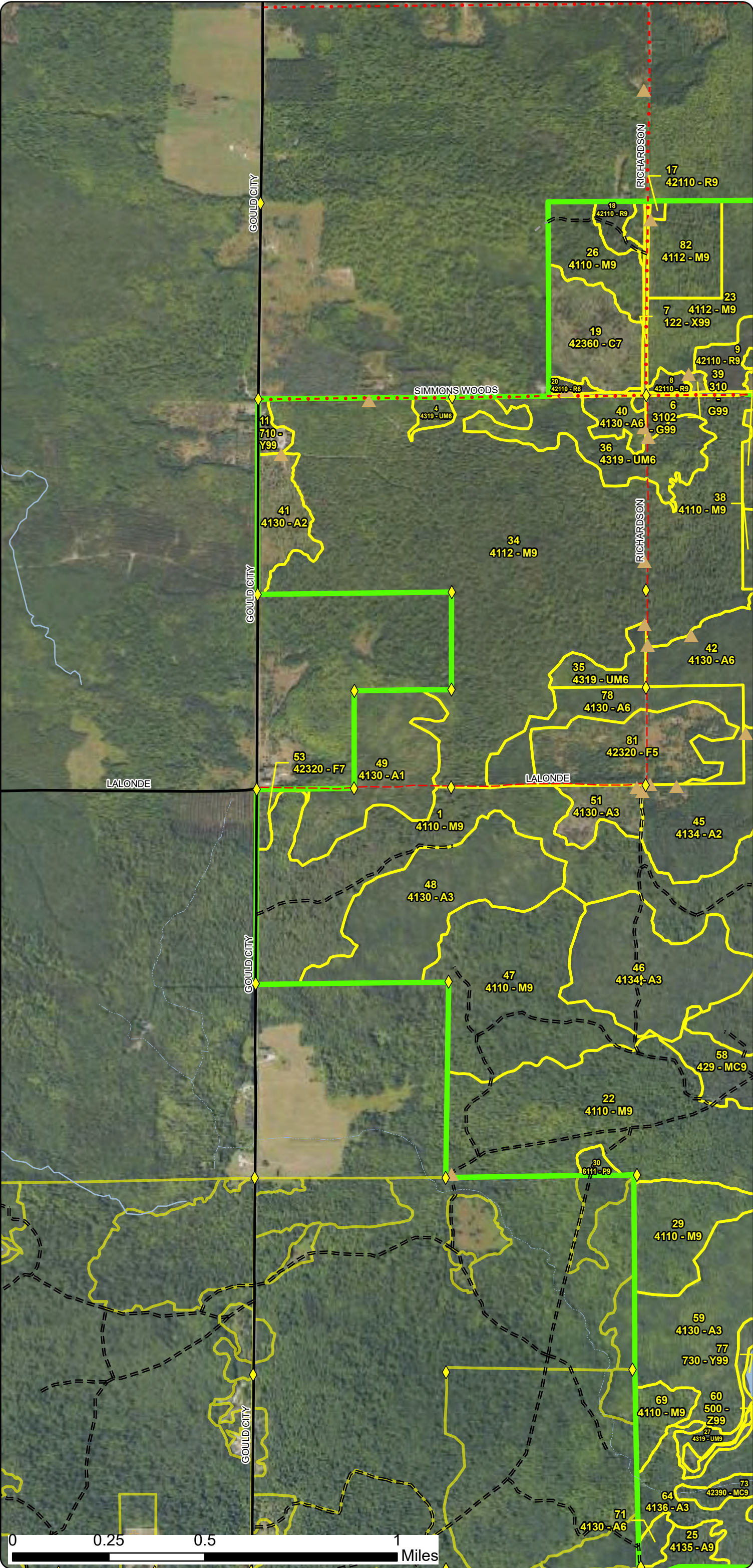


Stand Boundary  
Map

Compartment: 45202  
T42N,R11W,  
Sec: 15, 16, 21, 22, 27, 28, 34  
County: Mackinac  
Unit: Sault Ste. Marie  
Mgmt. Area: St. Ignace Lake Plain  
YOE: 2027  
Acres: 3,485.74 GIS Calculated  
Examiner: Kevin Bryers  
Date Exported: 7/18/2025  
Map Phase: Web Post



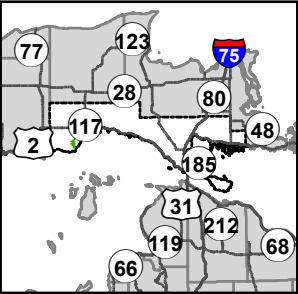
- Survey Grade Corners
- Berms
- Cemetery
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Intermittent Stream
- Perennial River
- Lakes and Rivers
- Counties
- Compartment Boundary
- Stand Outline
- 411 - Northern Hardwood
- 413 - Aspen
- 421 - Planted Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 500 - Water
- 611 - Lowland Deciduous Forest
- 122 - Road/Parking Lot
- 310 - Herbaceous Openland
- 710 - Sand, Soil
- 730 - Mud Flats



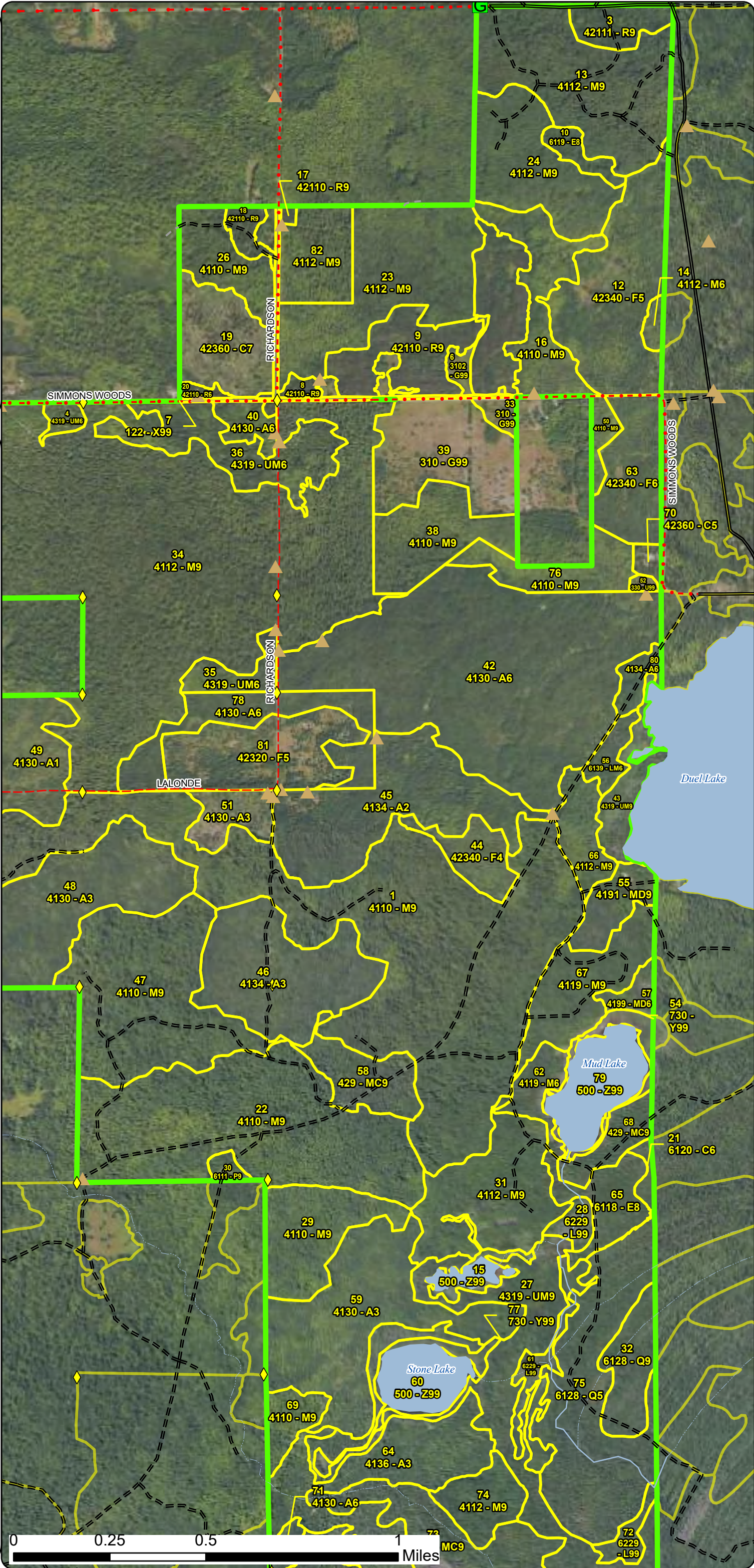


Stand Boundary  
Map

Compartment: 45202  
T42N,R11W,  
Sec: 15, 16, 21, 22, 27, 28, 34  
County: Mackinac  
Unit: Sault Ste. Marie  
Mgmt. Area: St. Ignace Lake Plain  
YOE: 2027  
Acres: 3,485.74 GIS Calculated  
Examiner: Kevin Bryers  
Date Exported: 7/18/2025  
Map Phase: Web Post



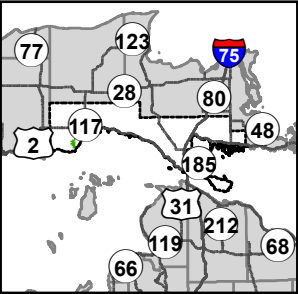
- Survey Grade Corners
- Berms
- Gate
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Intermittent Stream
- Perennial River
- Lakes and Rivers
- Counties
- Compartment Boundary
- Stand Outline
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 500 - Water
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Road/Parking Lot
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 730 - Mud Flats



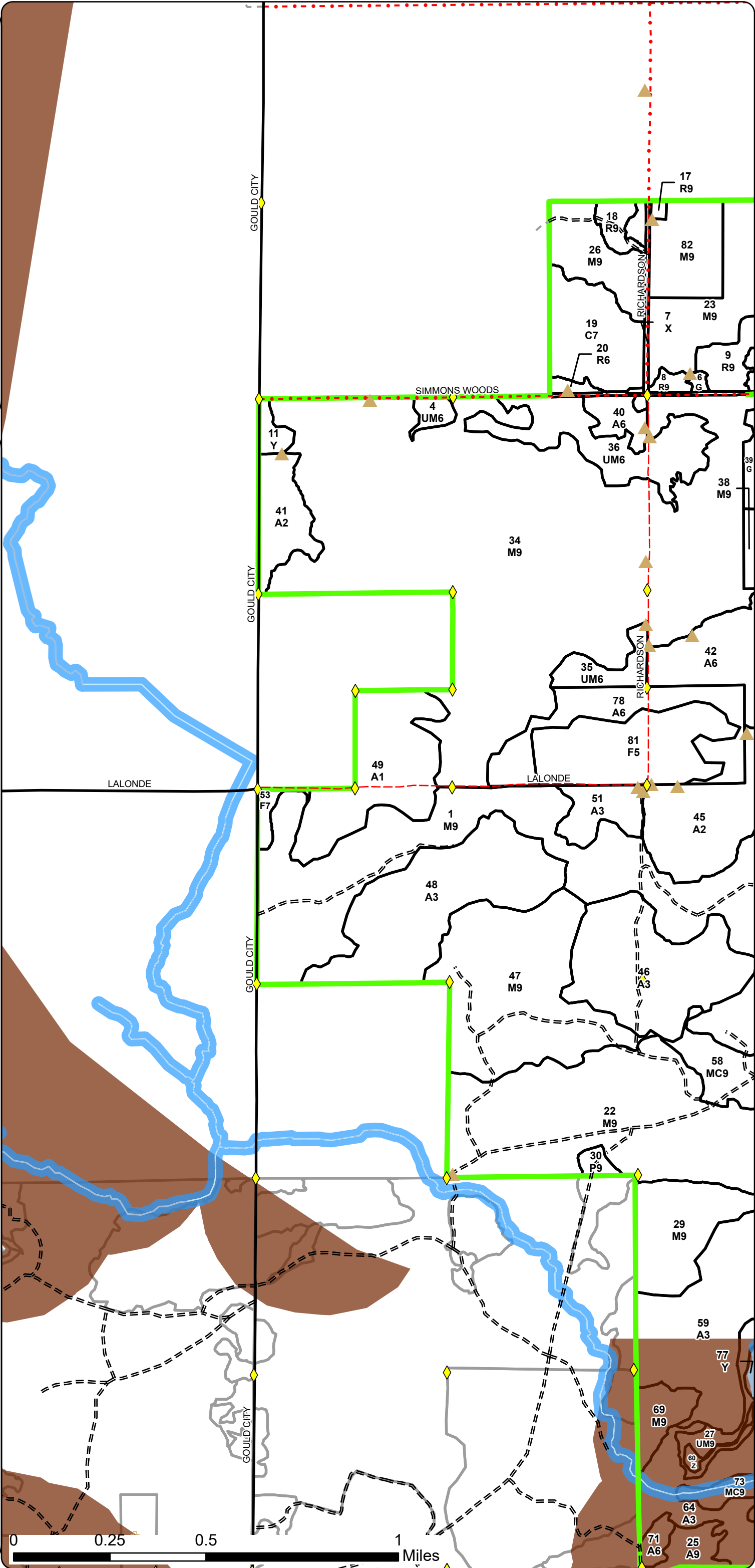


Special Conservation Areas  
& Site Conditions Map

Compartment: 45202  
T42N,R11W,  
Sec: 15, 16, 21, 22, 27, 28, 34  
County: Mackinac  
Unit: Sault Ste. Marie  
Mgmt. Area: St. Ignace Lake Plain  
YOE: 2027  
Acres: 3,485.74 GIS Calculated  
Examiner: Kevin Bryers  
Date Exported: 7/18/2025  
Map Phase: Web Post



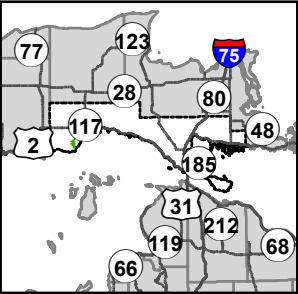
- Survey Grade Corners
- Berms
- Cemetery
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Intermittent Stream
- Perennial River
- Lakes and Rivers
- Counties
- Compartment Boundary
- Stand Boundaries
- Cold Water Streams
- High Priority Trout Stream Buffer
- Deer Winter Range



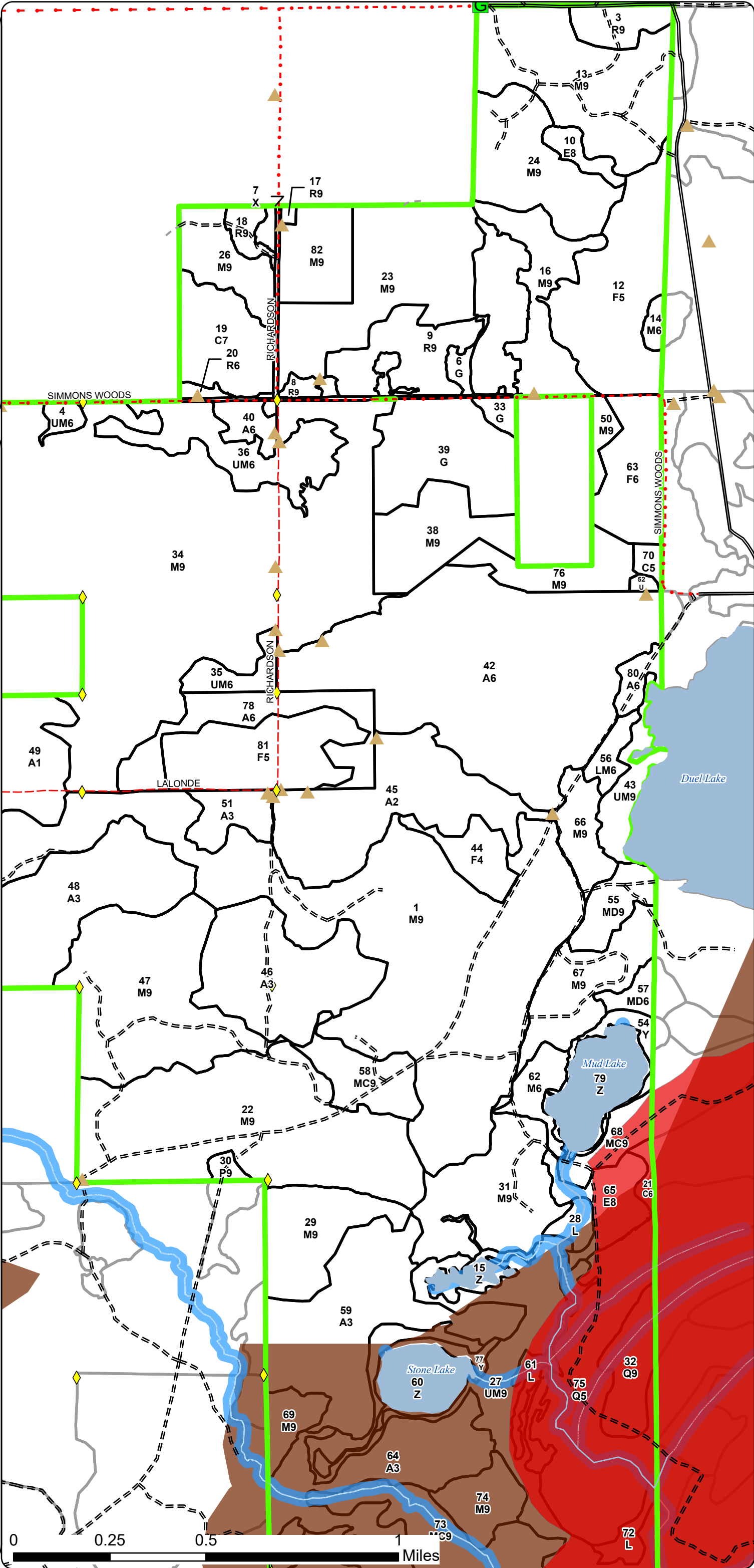


Special Conservation Areas  
& Site Conditions Map

Compartment: 45202  
T42N,R11W,  
Sec: 15, 16, 21, 22, 27, 28, 34  
County: Mackinac  
Unit: Sault Ste. Marie  
Mgmt. Area: St. Ignace Lake Plain  
YOE: 2027  
Acres: 3,485.74 GIS Calculated  
Examiner: Kevin Bryers  
Date Exported: 7/18/2025  
Map Phase: Web Post



- Survey Grade Corners
- Berms
- Gate
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Intermittent Stream
- Perennial River
- Lakes and Rivers
- Counties
- Compartment Boundary
- Stand Boundaries
- Ecological Reference Areas
- Cold Water Streams
- High Priority Trout Stream Buffer
- Deer Winter Range





## Report 1 – Total Acres by Cover Type and Age Class

Kevin Bryers: Examiner



## 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	41	129	183	298	138	10	5	0	0	0	8	0	0	0	0	0	0	812
Cedar	0	0	0	0	0	0	0	4	0	39	0	4	0	0	0	0	0	0	47
Herbaceous Openland	72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72
Low-Density Trees	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Lowland Aspen/Balsam Poplar	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	0	124	0	0	0	0	0	0	123
Lowland Deciduous	0	0	0	0	0	0	0	0	0	0	0	0	23	0	0	0	0	8	31
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	9
Lowland Shrub	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0	25
Northern Hardwood	0	0	0	0	0	0	0	0	25	116	563	769	20	0	0	0	0	191	1683
Red Pine	0	0	0	0	0	0	76	7	17	0	0	0	0	0	0	0	0	0	100
Sand, Soil	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24
Upland Conifers	0	0	0	0	0	0	0	42	0	0	0	0	44	0	0	0	0	0	86
Upland Mixed Forest	0	0	0	0	0	0	0	49	13	0	0	20	91	0	0	0	0	0	173
Upland Spruce/Fir	0	0	0	18	36	77	59	0	0	0	0	0	0	0	0	0	0	0	189
Urban	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Water	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
<b>Total</b>	<b>204</b>	<b>41</b>	<b>129</b>	<b>201</b>	<b>334</b>	<b>215</b>	<b>149</b>	<b>107</b>	<b>55</b>	<b>155</b>	<b>563</b>	<b>950</b>	<b>187</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>199</b>	<b>3486</b>





## Report 2 – Treatment Summary

Sault Ste. Marie Mgt. Unit  
Year of Entry: 2027

Acres of Harvest

Compartment 202  
Total Compartment Acres: 3,486

Commercial Harvest - 1178  
Harvests with Site Condition - 272  
Next Step Harvest - 0  
Habitat Cut - 0

### Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overshoot Removal	Salvage	Other	Total Acres
Aspen	20	0	0	0	0	0	0	0	0	20
Herbaceous Openland	45	0	0	0	0	0	0	0	0	45
Lowland Mixed Forest	5	0	0	0	0	0	0	0	0	5
Northern Hardwood	0	360	0	0	0	0	0	0	0	360
Upland Conifers	26	0	0	0	0	0	0	0	0	26
Upland Mixed Forest	0	0	0	0	0	49	0	0	0	49
Total	96	360	0	0	0	49	0	0	0	506

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	506	0	20	0	0	0	0	0	0	525
Next Step	0	80	120	0	0	160	585	0	0	986
Total	506	80	140	0	0	160	585	0	0	1511





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	Habitat Cut
-----------------------	-------------------	-------	--------------------	-----------------	--------------	-------------	-------------------	---------------------	-------------------------	------------------	----------------

**Proposed Treatments:**

<b>36</b>	<b>45202004-Cut</b>	4.9	4319 - Mixed Upland Forest	6	60	111- 140	Harvest	Thinning	4319 - Mixed Upland Forest	Cutting Record	No
-----------	---------------------	-----	-------------------------------	---	----	-------------	---------	----------	-------------------------------	-------------------	----

Prescription Harvest all red pine trees marked for harvest with tree marking paint. Focus on removing red pine which are poor quality or suppressed. Final  
Specs: basal area for red pine should be 110-120. Harvest all other species marked with tree marking paint to allow for e

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable natural Moderate to fully stocked northern hardwood species.

Regen:

Other Portions of this stand without any red pine will not see any harvest treatment

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

<b>23</b>	<b>45202023-Cut</b>	79.7	4112 - Maple, Beech, Cherry Association	9	96	81-110	Harvest	Selection	411 - Northern Hardwood	Cutting Record	No
-----------	---------------------	------	---	---	----	--------	---------	-----------	----------------------------	-------------------	----

Prescription Thin northern hardwood stand to BA of 70-80. Remove poor quality trees. Enhance biodiversity by leaving underrepresented species even if  
Specs: of poor quality. Remove some quality sawlog trees to increase monetary value. Designate for harvest all ash, aspen,

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable natural, moderate to fully stocked northern hardwood species: sugar maple red maple, beech, black cherry.etc.

Regen:

Other very dry summer or winter logging

Comment:

Site Condition: Survey Needed

Proposed Start Date: 10/01/2026

<b>24</b>	<b>45202024-Cut</b>	55.9	4112 - Maple, Beech, Cherry Association	9	104	81-110	Harvest	Selection	411 - Northern Hardwood	Current	No
-----------	---------------------	------	---	---	-----	--------	---------	-----------	----------------------------	---------	----

Prescription Thin northern hardwood stand to BA of 70-80. Remove poor quality trees. Enhance biodiversity by leaving underrepresented species even if  
Specs: poor quality. regardless of species. Remove some quality sawlog trees to increase monetary value. Designate for harvest

Next Step Monitoring, Natural Regen (Intermediate)

Treatments:

Acceptable natural, moderate to fully stocked northern hardwood species: sugar maple, red maple, beech, black cherry, etc.

Regen:

Other Summer logging.

Comment:

Site Condition: Survey Needed

Proposed Start Date: 10/01/2026

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	Habitat Cut
<b>25 45202025-Cut</b>	7.9	4135 - Aspen, Cedar	9	46	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Harvest all species to a minimum diameter of 2" except for white pine and cedar. Two retention areas which total approximately .7 acres are made up of the two fingers extending in the Northeasterly direction into stand 5E-2 and along the edge of stand 64. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Intermediate) <u>Treatments:</u> <u>Acceptable</u> natural, Moderate to fully stocked aspen with a minor component of balsam fir and white spruce. <u>Regen:</u> <u>Other</u> winter logging <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
<b>29 45202029-Cut</b>	42.2	4110 - Sugar Maple Association	9	100	81-110	Harvest	Selection	411 - Northern Hardwood	Planting Record	No
<u>Prescription</u> Thin northern hardwood stand to Basal Area of 70-80. Remove all poor-quality stems. Enhance biodiversity by leaving underrepresented species. Remove some quality sawlog trees to increase monetary value. Designate for harvest all ash, aspen, balsam fir and <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> natural, Moderate to fully stocked northern hardwood species: sugar maple, red maple, beech, black cherry, etc. <u>Regen:</u> <u>Other</u> very rocky ground, marking will require some areas not to be managed. dry summer or winter logging <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
<b>31 45202031-Cut</b>	54.5	4112 - Maple, Beech, Cherry Association	9	100	81-110	Harvest	Selection	411 - Northern Hardwood	Cutting Record	No
<u>Prescription</u> Thin northern hardwood stand to basal area of 70-80. Remove all poor-quality trees. Enhance biodiversity by leaving underrepresented species. Remove some quality trees to increase monetary value. Designate for harvest all ash, aspen, balsam fir and beech <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> natural, Moderate to fully stocked northern hardwood species: sugar maple, red maple, beech, black cherry, etc. <u>Regen:</u> <u>Other</u> summer logging <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
<b>33 45202033-Cut</b>	4.9	310 - Herbaceous Openland	99			Harvest	Clearcut	310 - Herbaceous Openland	Previous Inventory	No
<u>Prescription</u> harvest all merchantable trees. leave all apple species. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> none <u>Regen:</u> <u>Other</u> open maintenance <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										



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	Habitat Cut
<b>36 45202036-Cut</b>	44.1	4319 - Mixed Upland Forest	6	60	111-140	Harvest	Thinning	4319 - Mixed Upland Forest	Cutting Record	No
<u>Prescription</u> Harvest all red pine trees marked for harvest with tree marking paint. Focus on removing red pine which are poor quality or suppressed. Final <u>Specs:</u> basal area for red pine should be 110-120. Harvest all other species marked with tree marking paint to allow for e <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> natural Moderate to fully stocked northern hardwood species. <u>Regen:</u> <u>Other</u> Portions of this stand without any red pine will not see any harvest treatment <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
<b>39 45202039-Cut</b>	40.1	310 - Herbaceous Openland	99			Harvest	Clearcut	4211 - Planted Red Pine	Planting Record	No
<u>Prescription</u> Cut all trees over 1 in DBH to prep site for planted red pine. <u>Specs:</u> <u>Next Step</u> SitePrep, Trenching; SitePrep, Roller Chopping; Pesticide, Skidder - Site Prep; Pesticide, Aerial - Site Prep; Planting, Trenched Plant; <u>Treatments:</u> Planting, Unfurrowed; Monitoring, Artificial Regen; NonCommCut, Brush Saw Release; Monitoring, Artific <u>Acceptable</u> Planted red pine <u>Regen:</u> <u>Other</u> Chipping of this site would be beneficial and preferred if feasible. <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
<b>39 45202039-Plant</b>	19.7	310 - Herbaceous Openland	99			Planting	Planting (tree species)	4319 - Mixed Upland Forest	Current	No
<u>Prescription</u> Interplant oak to create diversity and hard mast. <u>Specs:</u> <u>Next Step</u> Monitoring, Artificial Regen; Monitoring, Artificial Regen (3yr) <u>Treatments:</u> <u>Acceptable</u> Upland deciduous and conifers. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
<b>47 45202047-Cut</b>	103.1	4110 - Sugar Maple Association	9	104	81-110	Harvest	Selection	411 - Northern Hardwood	Current	No
<u>Prescription</u> Thin northern hardwood stand to BA of 70-80. Remove all poor-quality trees. Enhance biodiversity by leaving underrepresented species. <u>Specs:</u> Remove some quality sawlog trees to increase monetary value. Designate for harvest all aspen, beech, white ash, and bals <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> natural, Moderate to fully stocked northern hardwood species: sugar maple, red maple, beech, Black cherry, etc. <u>Regen:</u> <u>Other</u> dry summer logging <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										

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	Habitat Cut
<b>56 45202056-Cut</b>	5.4	6139 - Mixed Lowland Forest	6	114	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Harvest all deciduous trees 2"DBH and larger regardless of merchantability. Harvest all coniferous trees 4" DBH and larger regardless of merchantability. No harvesting of cedar to take place. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> natural, Moderate to fully stocked aspen stand with a minor component of red maple, balsam fir, and white spruce. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
<b>58 45202058-Cut</b>	25.8	429 - Mixed Upland Conifers	9	68	51-80	Harvest	Clearcut	411 - Northern Hardwood	Planting Record	No
<u>Prescription</u> Harvest all species to a minimum diameter of 2" except for cedar and hemlock. A retention area of approximately 1 acre or approximately 4% of 26.6 acres will be designated in the Northwest portion of the stand. Area between stands 46 and 1. Five red pine <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> natural, Moderate to fully stocked northern hardwood species: sugar maple, red maple, along with aspen, white birch, mixed coniferous <u>Regen:</u> (balsam fir, white spruce etc.) <u>Other</u> summer logging <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
<b>71 45202071-Cut</b>	5.1	4130 - Aspen	6	64	111-140	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Harvest all species to a minimum diameter of 2" except cedar. No retention area needed due to acreage of stand. Harvesting limited to December 1-March 31 for each calendar year as stand is located in a deer yard. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> natural, Moderate to fully stocked aspen with a minor component of balsam fir. <u>Regen:</u> <u>Other</u> winter logging <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
<b>74 45202074-Cut</b>	20.9	4112 - Maple, Beech, Cherry Association	9	114	81-110	Harvest	Selection	411 - Northern Hardwood	Current	No
<u>Prescription</u> Thin stand to 60 basal area for northern hardwood species. Designate all ash, aspen, balsam fir and white spruce species for harvest. Do not harvest any cedar, hemlock, or white pine. After all forest merchantable forest products are removed from each ste <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> natural, Moderate to fully stocked Northern hardwood red maple most dominant, along with aspen, balsam fir, and white spruce. <u>Regen:</u> <u>Other</u> Portion of access road which crosses the drainage at the West border of stand 73 needs to have rock placed there. Also slopes graded on <u>Comment:</u> each approach. Winter logging <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										





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	Habitat Cut
80	45202080-Cut	7.0	4134 - Aspen, Spruce/Fir	6	104	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Harvest all species 2" DBH and larger regardless of merchantability. No harvesting of cedar, hemlock, yellow birch, red oak, and white pine. <u>Specs:</u> Retention area will be 100 feet in width buffer zone along shoreline of Duel Lake using Lapine grade where approp <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> natural, Moderate to fully stocked aspen with a minor component of balsam fir. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											

**Approved Treatments:**

14	45202014-Cut	4.0	4112 - Maple, Beech, Cherry Association	6	95	81-110	Harvest	Selection	411 - Northern Hardwood	Current	No
<u>Prescription</u> Select cut focusing on some of the largest diameter trees. Thin to target basal area of 70-90. Do not lower basal area in areas that do not <u>Specs:</u> need it. Where there are healthy beech promote them. Also, promote yellow birch. <u>Next Step</u> Monitoring, Natural Regen (Intermediate) <u>Treatments:</u> <u>Acceptable</u> Any mix of Maple, Cherry, Yellow Birch, Paper Birch, Aspen, Beech, Spruce, Fir, Pine, Hemlock, or Cedar. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2020											

**Total Treatment** 525.2  
**Acreage Proposed:**



Availability for Management

Total	Acres	Acres Avail	Acres	Dominant Site Conditions						
Acres	Available	With Condition	Not Available		2I	3A	3H	3J	3K	5E
798	793	0	4	Aspen				1		3
47	43	0	4	Cedar		4				
72	72	0	0	Herbaceous Openland						
2	2	0	0	Low-Density Trees						
4	4	0	0	Lowland Aspen/Balsam Poplar						
123	0	0	123	Lowland Conifers		123				
26	8	0	18	Lowland Deciduous		18				
4	0	0	4	Lowland Mixed Forest				4		
28	0	0	28	Lowland Shrub		28				
25	25	0	0	Mixed Upland Deciduous						
1624	1480	136	8	Northern Hardwood	136				8	
100	100	0	0	Red Pine						
24	24	0	0	Sand, Soil						
85	42	0	44	Upland Conifers		14	22	8		
117	82	0	36	Upland Mixed Forest		36				
190	190	0	0	Upland Spruce/Fir						
8	8	0	0	Urban						
66	66	0	0	Water						
3,342	2,938	136	268	Total Forested Acres	136	222	22	13	8	3
	88%	4%	8%	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	Dominant Site 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)	1	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Buffer for Duel Lake and retention area for harvest.								



## Report 4 – Site Conditions



2	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	4	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments: One hundred foot buffer along shoreline of Duel Lake will act as retention area for harvest.							
4	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	22	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Too much cedar to allow harvest operations.							
5	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Drainage follows North boundary of stand.							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Available	2I: Survey needed	56	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Available	2I: Survey needed	80	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

## Report 4 – Site Conditions



9	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	3K: Rare or unique landforms	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	3K: Rare or unique landforms	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	3K: Rare or unique landforms	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
53	Unavailable	3A: Conservation values incompatible with harvest at this time	223	Unspecified	Unspecified	Unspecified	Unspecified
Comments: WDS ERA and DHA for pileated woodpecker, blackburnian warbler, northern parula							



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				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
1	4110 - Sugar Maple Association	Sawtimber Well	358.7	104	81-110	N/A	Stand was thinned in '94 and then a beech salvage this past year. The regeneration from the '94 cut looks good. There is a good amount of ash, beech and maple. BA range is 60-100 (not an option above) due to the salvage work and areas where beech was more prevalent.  some areas ready for harvest others not due to previous salvage sales																																													
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Beech</td><td>10</td><td></td><td>8</td><td>40</td></tr><tr><td>Sugar Maple</td><td>80</td><td></td><td>12</td><td>104</td></tr><tr><td>Red Maple</td><td>10</td><td></td><td>12</td><td>104</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Beech	10		8	40	Sugar Maple	80		12	104	Red Maple	10		12	104																									
Canopy Species	% Cover	Size Class	DBH	Age																																																
Beech	10		8	40																																																
Sugar Maple	80		12	104																																																
Red Maple	10		12	104																																																
3	42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Well	15.6	73	141-170	N/A	2-4 sticks in height. Trace amounts of white spruce and aspen 8-10 dbh.Limby.																																													
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>10</td><td>Sapling</td><td>7</td><td></td></tr><tr><td>Red Pine</td><td>80</td><td></td><td>12</td><td>73</td></tr><tr><td>Black Cherry</td><td>10</td><td>Seedling</td><td>7</td><td></td></tr></table> <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Sugar Maple</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>							Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	10	Sapling	7		Red Pine	80		12	73	Black Cherry	10	Seedling	7		Sub-Canopy Species	Density	Avg. Height	Size	Sugar Maple	Medium	10 - 20 feet	10 - 20 feet																		
Canopy Species	% Cover	Size Class	DBH	Age																																																
Red Maple	10	Sapling	7																																																	
Red Pine	80		12	73																																																
Black Cherry	10	Seedling	7																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																	
Sugar Maple	Medium	10 - 20 feet	10 - 20 feet																																																	
4	4319 - Mixed Upland Forest	Poletimber Well	4.9	60	111-140	N/A	Failed red pine plantation. The area was picked through in the past. The stand has some patches of good wood. Red pine is 3-4 sticks high of fair quality. Treat with stand 40 when that is ready or do something now to improve it.																																													
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>10</td><td>Sapling</td><td>7</td><td></td></tr><tr><td>Black Cherry</td><td>5</td><td></td><td>8</td><td></td></tr><tr><td>Balsam Fir</td><td>10</td><td>Sapling</td><td>7</td><td></td></tr><tr><td>Beech</td><td>5</td><td>Sapling</td><td>7</td><td></td></tr><tr><td>White Spruce</td><td>20</td><td>Sapling</td><td>7</td><td></td></tr><tr><td>Sugar Maple</td><td>20</td><td>Sapling</td><td>7</td><td></td></tr><tr><td>Red Maple</td><td>10</td><td>Sapling</td><td>7</td><td></td></tr><tr><td>Red Pine</td><td>20</td><td></td><td>10</td><td>60</td></tr></table>							Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	10	Sapling	7		Black Cherry	5		8		Balsam Fir	10	Sapling	7		Beech	5	Sapling	7		White Spruce	20	Sapling	7		Sugar Maple	20	Sapling	7		Red Maple	10	Sapling	7		Red Pine	20		10	60	
Canopy Species	% Cover	Size Class	DBH	Age																																																
Quaking Aspen	10	Sapling	7																																																	
Black Cherry	5		8																																																	
Balsam Fir	10	Sapling	7																																																	
Beech	5	Sapling	7																																																	
White Spruce	20	Sapling	7																																																	
Sugar Maple	20	Sapling	7																																																	
Red Maple	10	Sapling	7																																																	
Red Pine	20		10	60																																																
6	3102 - Grass	None	9.5			No	Grass opening within red pine plantation.																																													
7	122 - Road/Parking Lot	None	8.0			No	Country Road ROW																																													
8	42110 - Planted Red Pine	Sawtimber Well	3.2	65	81-110	N/A	Small stand but planted earlier than stand 9 - keep separate. Thinned just before '97 but not as rows. 20-40 BA removed to open crowns up for growth Thinned as part of sale Overwatch Pine 45-114-17																																													
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Pine</td><td>100</td><td></td><td>12</td><td>65</td></tr></table>							Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	100		12	65																																				
Canopy Species	% Cover	Size Class	DBH	Age																																																
Red Pine	100		12	65																																																
9	42110 - Planted Red Pine	Sawtimber Well	68.3	52	81-110	N/A	Edges have more diversity. Near the grass openings the trees are shorter with more branches. Third row thin as part of Overwatch Pine 45-114-17																																													
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Pine</td><td>100</td><td></td><td>10</td><td>52</td></tr></table>							Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	100		10	52																																				
Canopy Species	% Cover	Size Class	DBH	Age																																																
Red Pine	100		10	52																																																
10	6119 - Mixed Lowland Deciduous Forest	Sawtimber Medium	8.2	104	81-110	N/A	Recently harvested under 451031031 timber sale. Some areas less BA than others because of the salvage of beech. raspberries, EAB, broken tops in aspen.																																													
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Sugar Maple</td><td>50</td><td></td><td>14</td><td>104</td></tr><tr><td>White Ash</td><td>25</td><td></td><td>10</td><td>50</td></tr><tr><td>Quaking Aspen</td><td>25</td><td></td><td>14</td><td></td></tr></table>							Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	50		14	104	White Ash	25		10	50	Quaking Aspen	25		14																											
Canopy Species	% Cover	Size Class	DBH	Age																																																
Sugar Maple	50		14	104																																																
White Ash	25		10	50																																																
Quaking Aspen	25		14																																																	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																											
11	710 - Sand, Soil	None	5.3			Yes	Gravel Pit.																																											
12	42340 - Upland Spruce/Fir	Poletimber Medium	76.7	43	51-80	N/A	Stand follows the rock well. Trees are of fair/poor quality because of this. Good diversity. Still open or grass areas visible.																																											
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>22</td><td>Log</td><td>4</td><td>43</td></tr><tr><td>Quaking Aspen</td><td>15</td><td>Seedling</td><td>6</td><td>43</td></tr><tr><td>Balsam Fir</td><td>30</td><td>Seedling</td><td>6</td><td>43</td></tr><tr><td>White Spruce</td><td>33</td><td>Seedling</td><td>8</td><td>43</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	22	Log	4	43	Quaking Aspen	15	Seedling	6	43	Balsam Fir	30	Seedling	6	43	White Spruce	33	Seedling	8	43	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Balsam Fir</td><td>High</td><td>&gt;20 feet</td><td>&gt;20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	>20 feet	>20 feet													
Canopy Species	% Cover	Size Class	DBH	Age																																														
Red Maple	22	Log	4	43																																														
Quaking Aspen	15	Seedling	6	43																																														
Balsam Fir	30	Seedling	6	43																																														
White Spruce	33	Seedling	8	43																																														
Sub-Canopy Species	Density	Avg. Height	Size																																															
Balsam Fir	High	>20 feet	>20 feet																																															
13	4112 - Maple, Beech, Cherry Association	Sawtimber Well	89.6	104	81-110	N/A	Recently harvested under Daisy Bell Beech sale timber sale. Some areas less BA than others because of the salvage of beech.																																											
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black Cherry</td><td>5</td><td>Seedling</td><td>9</td><td></td></tr><tr><td>Sugar Maple</td><td>55</td><td></td><td>12</td><td>104</td></tr><tr><td>Red Maple</td><td>25</td><td></td><td>12</td><td>104</td></tr><tr><td>Yellow Birch</td><td>10</td><td></td><td>12</td><td></td></tr><tr><td>Ironwood</td><td>5</td><td>Sapling</td><td>6</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Black Cherry	5	Seedling	9		Sugar Maple	55		12	104	Red Maple	25		12	104	Yellow Birch	10		12		Ironwood	5	Sapling	6		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Maple (spp.)</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Beech</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>White Ash</td><td>Low</td><td>&lt; 5 feet</td><td>&lt; 5 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Maple (spp.)	Medium	5 - 10 feet	5 - 10 feet	Beech	Low	5 - 10 feet	5 - 10 feet	White Ash	Low	< 5 feet	< 5 feet
Canopy Species	% Cover	Size Class	DBH	Age																																														
Black Cherry	5	Seedling	9																																															
Sugar Maple	55		12	104																																														
Red Maple	25		12	104																																														
Yellow Birch	10		12																																															
Ironwood	5	Sapling	6																																															
Sub-Canopy Species	Density	Avg. Height	Size																																															
Maple (spp.)	Medium	5 - 10 feet	5 - 10 feet																																															
Beech	Low	5 - 10 feet	5 - 10 feet																																															
White Ash	Low	< 5 feet	< 5 feet																																															
14	4112 - Maple, Beech, Cherry Association	Poletimber Well	4.0	95	81-110	N/A	Treat with stand 92 in Compt 201 if possible. Notes indicate some kind of treatment before '96. Sale not completed yet.																																											
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Yellow Birch</td><td>10</td><td></td><td>14</td><td></td></tr><tr><td>Sugar Maple</td><td>40</td><td></td><td>10</td><td>95</td></tr><tr><td>Red Maple</td><td>40</td><td></td><td>9</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>10</td><td>Seedling</td><td>8</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Yellow Birch	10		14		Sugar Maple	40		10	95	Red Maple	40		9		Bigtooth Aspen	10	Seedling	8		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Maple (spp.)</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Beech</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Maple (spp.)	Medium	5 - 10 feet	5 - 10 feet	Beech	Low	5 - 10 feet	5 - 10 feet									
Canopy Species	% Cover	Size Class	DBH	Age																																														
Yellow Birch	10		14																																															
Sugar Maple	40		10	95																																														
Red Maple	40		9																																															
Bigtooth Aspen	10	Seedling	8																																															
Sub-Canopy Species	Density	Avg. Height	Size																																															
Maple (spp.)	Medium	5 - 10 feet	5 - 10 feet																																															
Beech	Low	5 - 10 feet	5 - 10 feet																																															
15	500 - Water	None	11.3			No	Ponds and marshes																																											
16	4110 - Sugar Maple Association	Sawtimber Well	40.9	89	81-110	N/A	Fair to poor quality, rocky ground. More conifer to the north and areas of seasonal wet ground. If treatment occurs it should be done in that area in winter or dry conditions.																																											
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Sugar Maple</td><td>70</td><td></td><td>12</td><td>89</td></tr><tr><td>White Ash</td><td>10</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Black Cherry</td><td>10</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Beech</td><td>10</td><td>Sapling</td><td>6</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Sugar Maple	70		12	89	White Ash	10	Seedling	8		Black Cherry	10	Seedling	8		Beech	10	Sapling	6																								
Canopy Species	% Cover	Size Class	DBH	Age																																														
Sugar Maple	70		12	89																																														
White Ash	10	Seedling	8																																															
Black Cherry	10	Seedling	8																																															
Beech	10	Sapling	6																																															
17	42110 - Planted Red Pine	Sawtimber Well	1.2	74	81-110	N/A	Thinned in '87 and '92. 5-6 sticks tall. Crowns touching. Small stand but with past treatments would like to keep separated. Thinned as part of sale Overwatch Pine 45-114-17. Healthy stand.																																											
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Pine</td><td>100</td><td></td><td>12</td><td>74</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Pine	100		12	74																																						
Canopy Species	% Cover	Size Class	DBH	Age																																														
Red Pine	100		12	74																																														
18	42110 - Planted Red Pine	Sawtimber Well	7.4	56	111-140	N/A	Red pine is 4-5 sticks in height closed canopy in most places. Ash and juneberries under the canopy. Open areas have small white spruce and grass in them. Third row thin as part of sale Overwatch Pine 45-114-17Remaining trees have defect( horns, crook). raspberries and maple brush																																											
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Pine</td><td>95</td><td></td><td>12</td><td>56</td></tr><tr><td>Black Cherry</td><td>5</td><td>Seedling</td><td>7</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Pine	95		12	56	Black Cherry	5	Seedling	7																																		
Canopy Species	% Cover	Size Class	DBH	Age																																														
Red Pine	95		12	56																																														
Black Cherry	5	Seedling	7																																															





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
19	42360 - Upland Cedar	Sawtimber Poor	38.9	85	1-50	N/A	Poor to fair quality, Aspen falling out. Thinned some time in the early '90's. Harvested in spring of 2019 as part of the Deadzone Mix (45-113-17) timber sale.good aspen regeneration after harvest.Cedar islands left along with scattered sugar maple.																																																			
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Sugar Maple</td><td>5</td><td></td><td>16</td><td>85</td></tr><tr><td>White Spruce</td><td>5</td><td></td><td>16</td><td>85</td></tr><tr><td>Northern White Cedar</td><td>90</td><td></td><td>14</td><td>85</td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	5		16	85	White Spruce	5		16	85	Northern White Cedar	90		14	85	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Quaking Aspen</td><td>High</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Balsam Fir</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Quaking Aspen	High	10 - 20 feet	10 - 20 feet	Balsam Fir	Low	10 - 20 feet	10 - 20 feet																				
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Sugar Maple	5		16	85																																																						
White Spruce	5		16	85																																																						
Northern White Cedar	90		14	85																																																						
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Quaking Aspen	High	10 - 20 feet	10 - 20 feet																																																							
Balsam Fir	Low	10 - 20 feet	10 - 20 feet																																																							
20	42110 - Planted Red Pine	Poletimber Well	3.8	61	141-170	N/A	3-4 sticks tall. Kind of open grown, some areas better than others.																																																			
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Balsam Fir</td><td>5</td><td>Seedling</td><td>7</td><td>11</td></tr><tr><td>Red Pine</td><td>90</td><td></td><td>10</td><td>61</td></tr><tr><td>Black Cherry</td><td>5</td><td>Seedling</td><td>8</td><td>11</td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Balsam Fir	5	Seedling	7	11	Red Pine	90		10	61	Black Cherry	5	Seedling	8	11	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Balsam Fir</td><td>Medium</td><td>&lt; 5 feet</td><td>&lt; 5 feet</td></tr></table> Doubles, crooks & suppressed				Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	< 5 feet	< 5 feet																								
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Balsam Fir	5	Seedling	7	11																																																						
Red Pine	90		10	61																																																						
Black Cherry	5	Seedling	8	11																																																						
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Balsam Fir	Medium	< 5 feet	< 5 feet																																																							
21	6120 - Lowland Cedar	Poletimber Well	4.0	104	51-80	N/A	Carry over of stand 60 from compartment 203.																																																			
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Northern White Cedar</td><td>50</td><td></td><td>10</td><td>104</td></tr><tr><td>Balsam Fir</td><td>15</td><td>Sapling</td><td>7</td><td></td></tr><tr><td>White Pine</td><td>10</td><td></td><td>14</td><td></td></tr><tr><td>Red Maple</td><td>10</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Paper Birch</td><td>15</td><td>Seedling</td><td>8</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	50		10	104	Balsam Fir	15	Sapling	7		White Pine	10		14		Red Maple	10	Seedling	8		Paper Birch	15	Seedling	8																											
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Northern White Cedar	50		10	104																																																						
Balsam Fir	15	Sapling	7																																																							
White Pine	10		14																																																							
Red Maple	10	Seedling	8																																																							
Paper Birch	15	Seedling	8																																																							
22	4110 - Sugar Maple Association	Sawtimber Well	156.6	109	81-110	N/A	Thinned in '94 and recently salvaged the beech.(previous inventory was in 2015 second age based on this information) BA on the low end 70-90. Striped maple in the understory. Duel City Hardwood sale closed 9/26/13. Beech scale in beech regeneration. Ash borer in any ash left from harvest																																																			
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Ash</td><td>10</td><td></td><td>10</td><td></td></tr><tr><td>Sugar Maple</td><td>70</td><td></td><td>12</td><td>109</td></tr><tr><td>Beech</td><td>10</td><td></td><td>12</td><td></td></tr><tr><td>Black Cherry</td><td>10</td><td></td><td>14</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	White Ash	10		10		Sugar Maple	70		12	109	Beech	10		12		Black Cherry	10		14		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Sugar Maple</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Beech</td><td>Medium</td><td>&lt; 5 feet</td><td>&lt; 5 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Sugar Maple	Medium	5 - 10 feet	5 - 10 feet	Beech	Medium	< 5 feet	< 5 feet															
Canopy Species	% Cover	Size Class	DBH	Age																																																						
White Ash	10		10																																																							
Sugar Maple	70		12	109																																																						
Beech	10		12																																																							
Black Cherry	10		14																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Sugar Maple	Medium	5 - 10 feet	5 - 10 feet																																																							
Beech	Medium	< 5 feet	< 5 feet																																																							
23	4112 - Maple, Beech, Cherry Association	Sawtimber Well	83.9	96	81-110	N/A	Ash is dying or very stressed. Fair quality. Part of the Deadzone Mix (45-113-17) timber sale, but was never harvested. units 3-6.of the sale																																																			
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Basswood</td><td>5</td><td></td><td>12</td><td></td></tr><tr><td>Yellow Birch</td><td>5</td><td></td><td>12</td><td></td></tr><tr><td>Beech</td><td>5</td><td></td><td>10</td><td></td></tr><tr><td>Northern White Cedar</td><td>5</td><td></td><td>10</td><td></td></tr><tr><td>Sugar Maple</td><td>40</td><td></td><td>12</td><td>96</td></tr><tr><td>Red Maple</td><td>35</td><td></td><td>12</td><td>31</td></tr><tr><td>Green Ash</td><td>5</td><td></td><td>11</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Basswood	5		12		Yellow Birch	5		12		Beech	5		10		Northern White Cedar	5		10		Sugar Maple	40		12	96	Red Maple	35		12	31	Green Ash	5		11		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Green Ash</td><td>Low</td><td>&gt;20 feet</td><td>&gt;20 feet</td></tr><tr><td>Maple (spp.)</td><td>Medium</td><td>&gt;20 feet</td><td>&gt;20 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Green Ash	Low	>20 feet	>20 feet	Maple (spp.)	Medium	>20 feet	>20 feet
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Basswood	5		12																																																							
Yellow Birch	5		12																																																							
Beech	5		10																																																							
Northern White Cedar	5		10																																																							
Sugar Maple	40		12	96																																																						
Red Maple	35		12	31																																																						
Green Ash	5		11																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Green Ash	Low	>20 feet	>20 feet																																																							
Maple (spp.)	Medium	>20 feet	>20 feet																																																							



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																												
24	4112 - Maple, Beech, Cherry Association	Sawtimber Well	55.9	104	81-110	N/A	Part of old stand 13 that was not recently treated. Thinned heavily in the 80's? Good regeneration established. BA is on the low end of 50.1/3/25 BA avg. of 90																																												
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>5</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Beech</td><td>5</td><td></td><td>10</td><td></td></tr><tr><td>Sugar Maple</td><td>75</td><td></td><td>12</td><td>104</td></tr><tr><td>Red Maple</td><td>10</td><td></td><td>10</td><td></td></tr><tr><td>Paper Birch</td><td>5</td><td>Seedling</td><td>9</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Quaking Aspen	5	Seedling	8		Beech	5		10		Sugar Maple	75		12	104	Red Maple	10		10		Paper Birch	5	Seedling	9		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Maple (spp.)</td><td>High</td><td>&gt;20 feet</td><td>&gt;20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Maple (spp.)	High	>20 feet	>20 feet									
Canopy Species	% Cover	Size Class	DBH	Age																																															
Quaking Aspen	5	Seedling	8																																																
Beech	5		10																																																
Sugar Maple	75		12	104																																															
Red Maple	10		10																																																
Paper Birch	5	Seedling	9																																																
Sub-Canopy Species	Density	Avg. Height	Size																																																
Maple (spp.)	High	>20 feet	>20 feet																																																
25	4135 - Aspen, Cedar	Sawtimber Well	10.6	46	81-110	N/A	Couple ponds in the stand. Poor quality, rocky ground.																																												
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black Ash</td><td>5</td><td>Sapling</td><td>6</td><td></td></tr><tr><td>Paper Birch</td><td>10</td><td></td><td>10</td><td></td></tr><tr><td>Quaking Aspen</td><td>45</td><td></td><td>12</td><td>46</td></tr><tr><td>White Pine</td><td>5</td><td></td><td>16</td><td></td></tr><tr><td>White Spruce</td><td>15</td><td></td><td>14</td><td></td></tr><tr><td>Northern White Cedar</td><td>20</td><td></td><td>10</td><td>95</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Black Ash	5	Sapling	6		Paper Birch	10		10		Quaking Aspen	45		12	46	White Pine	5		16		White Spruce	15		14		Northern White Cedar	20		10	95	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Aspen (spp.)</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Balsam Fir</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Aspen (spp.)	Medium	10 - 20 feet	10 - 20 feet	Balsam Fir	Medium	10 - 20 feet	10 - 20 feet
Canopy Species	% Cover	Size Class	DBH	Age																																															
Black Ash	5	Sapling	6																																																
Paper Birch	10		10																																																
Quaking Aspen	45		12	46																																															
White Pine	5		16																																																
White Spruce	15		14																																																
Northern White Cedar	20		10	95																																															
Sub-Canopy Species	Density	Avg. Height	Size																																																
Aspen (spp.)	Medium	10 - 20 feet	10 - 20 feet																																																
Balsam Fir	Medium	10 - 20 feet	10 - 20 feet																																																
26	4110 - Sugar Maple Association	Sawtimber Well	27.0	81	81-110	N/A	BA is patchy, some areas are up to 110 but as low as 30. Not sure if aspen areas were picked through at one point. Harvested in spring of 2019 as part of the Deadzone Mix (45-113-17) timber sale. good ash regeneration from sale																																												
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Sugar Maple</td><td>100</td><td></td><td>13</td><td>81</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Sugar Maple	100		13	81	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Ash</td><td>Medium</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	White Ash	Medium	Variable	Variable																													
Canopy Species	% Cover	Size Class	DBH	Age																																															
Sugar Maple	100		13	81																																															
Sub-Canopy Species	Density	Avg. Height	Size																																																
White Ash	Medium	Variable	Variable																																																
27	4319 - Mixed Upland Forest	Sawtimber Well	90.9	114	81-110	N/A	Stand follows creek bottom or topography. It's a good buffer around the lake and some rugged ground. There is a small area of hardwood in the NE corner, eventually it could be thinned.																																												
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>10</td><td></td><td>18</td><td></td></tr><tr><td>Black Ash</td><td>5</td><td>Sapling</td><td>7</td><td></td></tr><tr><td>Quaking Aspen</td><td>20</td><td></td><td>10</td><td></td></tr><tr><td>White Spruce</td><td>10</td><td></td><td>12</td><td></td></tr><tr><td>Black Spruce</td><td>5</td><td></td><td>10</td><td></td></tr><tr><td>Northern White Cedar</td><td>20</td><td></td><td>14</td><td>114</td></tr><tr><td>Sugar Maple</td><td>20</td><td></td><td>10</td><td></td></tr><tr><td>Red Maple</td><td>10</td><td></td><td>10</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		White Pine	10		18		Black Ash	5	Sapling	7		Quaking Aspen	20		10		White Spruce	10		12		Black Spruce	5		10		Northern White Cedar	20		14	114	Sugar Maple	20		10		Red Maple	10		10					
Canopy Species	% Cover	Size Class	DBH	Age																																															
White Pine	10		18																																																
Black Ash	5	Sapling	7																																																
Quaking Aspen	20		10																																																
White Spruce	10		12																																																
Black Spruce	5		10																																																
Northern White Cedar	20		14	114																																															
Sugar Maple	20		10																																																
Red Maple	10		10																																																
28	6229 - Mixed Lowland Shrub	None	6.6			No	marshes, some water, dead ash																																												
29	4110 - Sugar Maple Association	Sawtimber Well	42.2	100	81-110	N/A	Very rocky ground. Consider harvesting next YOE. Ash still healthy, beech is on it's way out or gone.																																												
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Ash</td><td>10</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Beech</td><td>5</td><td></td><td>16</td><td></td></tr><tr><td>Sugar Maple</td><td>75</td><td></td><td>14</td><td>100</td></tr><tr><td>Red Maple</td><td>5</td><td>Seedling</td><td>9</td><td></td></tr><tr><td>Paper Birch</td><td>5</td><td></td><td>10</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		White Ash	10	Seedling	8		Beech	5		16		Sugar Maple	75		14	100	Red Maple	5	Seedling	9		Paper Birch	5		10		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Maple (spp.)</td><td>Medium</td><td>&gt;20 feet</td><td>&gt;20 feet</td></tr><tr><td>Beech</td><td>Low</td><td>&gt;20 feet</td><td>&gt;20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Maple (spp.)	Medium	>20 feet	>20 feet	Beech	Low	>20 feet	>20 feet					
Canopy Species	% Cover	Size Class	DBH	Age																																															
White Ash	10	Seedling	8																																																
Beech	5		16																																																
Sugar Maple	75		14	100																																															
Red Maple	5	Seedling	9																																																
Paper Birch	5		10																																																
Sub-Canopy Species	Density	Avg. Height	Size																																																
Maple (spp.)	Medium	>20 feet	>20 feet																																																
Beech	Low	>20 feet	>20 feet																																																



<





<



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																								
43	4319 - Mixed Upland Forest	Sawtimber Well	19.8	109	51-80	N/A	Some areas of open slowly filling in, lower ground present and has more of the understory spp present. Poor quality wood but a good lake buffer. Canopy on the low end of percentage.																																																								
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>35</td><td></td><td>12</td><td>109</td></tr><tr><td>Red Pine</td><td>5</td><td></td><td>10</td><td></td></tr><tr><td>Quaking Aspen</td><td>10</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Hemlock</td><td>15</td><td></td><td>12</td><td></td></tr><tr><td>Red Maple</td><td>15</td><td></td><td>8</td><td></td></tr><tr><td>Paper Birch</td><td>20</td><td>Seedling</td><td>8</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		White Pine	35		12	109	Red Pine	5		10		Quaking Aspen	10	Seedling	8		Hemlock	15		12		Red Maple	15		8		Paper Birch	20	Seedling	8		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Ash</td><td>Low</td><td>&gt;20 feet</td><td>&gt;20 feet</td></tr><tr><td>Striped Maple</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Balsam Fir</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Red Maple</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Sugar Maple</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	White Ash	Low	>20 feet	>20 feet	Striped Maple	Low	10 - 20 feet	10 - 20 feet	Balsam Fir	Low	5 - 10 feet	5 - 10 feet	Red Maple	Medium	10 - 20 feet	10 - 20 feet	Sugar Maple	Low	5 - 10 feet	5 - 10 feet
Canopy Species	% Cover	Size Class	DBH	Age																																																											
White Pine	35		12	109																																																											
Red Pine	5		10																																																												
Quaking Aspen	10	Seedling	8																																																												
Hemlock	15		12																																																												
Red Maple	15		8																																																												
Paper Birch	20	Seedling	8																																																												
Sub-Canopy Species	Density	Avg. Height	Size																																																												
White Ash	Low	>20 feet	>20 feet																																																												
Striped Maple	Low	10 - 20 feet	10 - 20 feet																																																												
Balsam Fir	Low	5 - 10 feet	5 - 10 feet																																																												
Red Maple	Medium	10 - 20 feet	10 - 20 feet																																																												
Sugar Maple	Low	5 - 10 feet	5 - 10 feet																																																												
44	42340 - Upland Spruce/Fir	Poletimber Poor	18.2	25	1-50	N/A	The fir, maple and spruce are mainly the retention from the harvest.cut 2011 jmk golabki mix																																																								
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Spruce</td><td>50</td><td>Sapling</td><td>5</td><td>25</td></tr><tr><td>Balsam Fir</td><td>50</td><td>Sapling</td><td>5</td><td>25</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		White Spruce	50	Sapling	5	25	Balsam Fir	50	Sapling	5	25	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Balsam Fir</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>White Spruce</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Aspen (spp.)</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	10 - 20 feet	10 - 20 feet	White Spruce	Medium	10 - 20 feet	10 - 20 feet	Aspen (spp.)	Medium	10 - 20 feet	10 - 20 feet																												
Canopy Species	% Cover	Size Class	DBH	Age																																																											
White Spruce	50	Sapling	5	25																																																											
Balsam Fir	50	Sapling	5	25																																																											
Sub-Canopy Species	Density	Avg. Height	Size																																																												
Balsam Fir	Medium	10 - 20 feet	10 - 20 feet																																																												
White Spruce	Medium	10 - 20 feet	10 - 20 feet																																																												
Aspen (spp.)	Medium	10 - 20 feet	10 - 20 feet																																																												
45	4134 - Aspen, Spruce/Fir	Sapling Medium	85.8	47	51-80	N/A	Cut at the same time as stand 42; doing a bit better because of slight elevation change and maybe not so much rock and water.																																																								
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Sugar Maple</td><td>30</td><td>Sapling</td><td>5</td><td>47</td></tr><tr><td>Balsam Fir</td><td>30</td><td>Sapling</td><td>5</td><td>47</td></tr><tr><td>Quaking Aspen</td><td>40</td><td>Sapling</td><td>5</td><td>47</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Sugar Maple	30	Sapling	5	47	Balsam Fir	30	Sapling	5	47	Quaking Aspen	40	Sapling	5	47																																									
Canopy Species	% Cover	Size Class	DBH	Age																																																											
Sugar Maple	30	Sapling	5	47																																																											
Balsam Fir	30	Sapling	5	47																																																											
Quaking Aspen	40	Sapling	5	47																																																											
46	4134 - Aspen, Spruce/Fir	Sapling Well	73.7	38	81-110	N/A	Coming into merchantable size.																																																								
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>80</td><td>Pole</td><td>4</td><td>38</td></tr><tr><td>Balsam Fir</td><td>10</td><td>Pole</td><td>4</td><td></td></tr><tr><td>White Spruce</td><td>10</td><td>Sapling</td><td>5</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Quaking Aspen	80	Pole	4	38	Balsam Fir	10	Pole	4		White Spruce	10	Sapling	5		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Balsam Fir</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	10 - 20 feet	10 - 20 feet																															
Canopy Species	% Cover	Size Class	DBH	Age																																																											
Quaking Aspen	80	Pole	4	38																																																											
Balsam Fir	10	Pole	4																																																												
White Spruce	10	Sapling	5																																																												
Sub-Canopy Species	Density	Avg. Height	Size																																																												
Balsam Fir	Medium	10 - 20 feet	10 - 20 feet																																																												
47	4110 - Sugar Maple Association	Sawtimber Well	103.4	104	81-110	N/A	Recently thinned to remove beech, regeneration is very short.(2015 notes)																																																								
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black Cherry</td><td>5</td><td></td><td>12</td><td></td></tr><tr><td>Sugar Maple</td><td>80</td><td></td><td>14</td><td>104</td></tr><tr><td>Red Maple</td><td>15</td><td></td><td>10</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Black Cherry	5		12		Sugar Maple	80		14	104	Red Maple	15		10		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Beech</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Sugar Maple</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Beech	Medium	5 - 10 feet	5 - 10 feet	Sugar Maple	Medium	5 - 10 feet	5 - 10 feet																											
Canopy Species	% Cover	Size Class	DBH	Age																																																											
Black Cherry	5		12																																																												
Sugar Maple	80		14	104																																																											
Red Maple	15		10																																																												
Sub-Canopy Species	Density	Avg. Height	Size																																																												
Beech	Medium	5 - 10 feet	5 - 10 feet																																																												
Sugar Maple	Medium	5 - 10 feet	5 - 10 feet																																																												
48	4130 - Aspen	Sapling Well	86.1	21	1-50	N/A	Good mix of spp. regeneration is about 10' tall. Looks good. excellent regeneration let it grow																																																								
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>10</td><td>Log</td><td>2</td><td>21</td></tr><tr><td>Bigtooth Aspen</td><td>90</td><td>Log</td><td>2</td><td>21</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	10	Log	2	21	Bigtooth Aspen	90	Log	2	21	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Balsam Fir</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	5 - 10 feet	5 - 10 feet																																				
Canopy Species	% Cover	Size Class	DBH	Age																																																											
Red Maple	10	Log	2	21																																																											
Bigtooth Aspen	90	Log	2	21																																																											
Sub-Canopy Species	Density	Avg. Height	Size																																																												
Balsam Fir	Medium	5 - 10 feet	5 - 10 feet																																																												
49	4130 - Aspen	Sapling Poor	58.3	13	1-50	N/A	Nice regeneration about 20' tall. cut 2011 jmk golabki mix																																																								
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>90</td><td>Log</td><td>2</td><td>13</td></tr><tr><td>Balsam Fir</td><td>10</td><td>Log</td><td>2</td><td>13</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	90	Log	2	13	Balsam Fir	10	Log	2	13																																															
Canopy Species	% Cover	Size Class	DBH	Age																																																											
Quaking Aspen	90	Log	2	13																																																											
Balsam Fir	10	Log	2	13																																																											







Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																						
56	6139 - Mixed Lowland Forest	Poletimber Well	9.0	114	81-110	N/A	Aspen, birch, fir and maple falling out of the stand.																																																						
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>20</td><td></td><td>10</td><td></td></tr><tr><td>Red Maple</td><td>20</td><td>Seedling</td><td>9</td><td></td></tr><tr><td>Paper Birch</td><td>5</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Balsam Fir</td><td>10</td><td></td><td>8</td><td></td></tr><tr><td>Tamarack</td><td>5</td><td></td><td>10</td><td></td></tr><tr><td>Black Spruce</td><td>30</td><td></td><td>10</td><td>114</td></tr><tr><td>Northern White Cedar</td><td>10</td><td></td><td>10</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	20		10		Red Maple	20	Seedling	9		Paper Birch	5	Seedling	8		Balsam Fir	10		8		Tamarack	5		10		Black Spruce	30		10	114	Northern White Cedar	10		10															
Canopy Species	% Cover	Size Class	DBH	Age																																																									
Quaking Aspen	20		10																																																										
Red Maple	20	Seedling	9																																																										
Paper Birch	5	Seedling	8																																																										
Balsam Fir	10		8																																																										
Tamarack	5		10																																																										
Black Spruce	30		10	114																																																									
Northern White Cedar	10		10																																																										
57	4199 - Other Mixed Upland Deciduous	Poletimber Well	7.2	104	51-80	N/A	Stand starting to fall apart.																																																						
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Balsam Fir</td><td>5</td><td>Sapling</td><td>7</td><td></td></tr><tr><td>White Ash</td><td>5</td><td>Sapling</td><td>5</td><td></td></tr><tr><td>Black Cherry</td><td>5</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Sugar Maple</td><td>30</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Paper Birch</td><td>40</td><td></td><td>10</td><td>104</td></tr><tr><td>Beech</td><td>5</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>White Spruce</td><td>10</td><td></td><td>8</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Balsam Fir	5	Sapling	7		White Ash	5	Sapling	5		Black Cherry	5	Seedling	8		Sugar Maple	30	Seedling	8		Paper Birch	40		10	104	Beech	5	Seedling	8		White Spruce	10		8															
Canopy Species	% Cover	Size Class	DBH	Age																																																									
Balsam Fir	5	Sapling	7																																																										
White Ash	5	Sapling	5																																																										
Black Cherry	5	Seedling	8																																																										
Sugar Maple	30	Seedling	8																																																										
Paper Birch	40		10	104																																																									
Beech	5	Seedling	8																																																										
White Spruce	10		8																																																										
58	429 - Mixed Upland Conifers	Sawtimber Well	26.6	68	51-80	N/A	Failed plantation? Not sure on the age. Pine is of poor quality other spp should be removed except for the occasional cedar. Leave red pine along the road?																																																						
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Spruce</td><td>20</td><td></td><td>14</td><td></td><td>Red Maple</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Balsam Fir</td><td>10</td><td>Seedling</td><td>8</td><td></td><td>Pin Cherry</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Red Pine</td><td>30</td><td></td><td>10</td><td>68</td><td>Balsam Fir</td><td>High</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Sugar Maple</td><td>20</td><td></td><td>10</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Red Maple</td><td>20</td><td></td><td>10</td><td></td><td></td><td></td><td></td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	White Spruce	20		14		Red Maple	Low	10 - 20 feet	10 - 20 feet	Balsam Fir	10	Seedling	8		Pin Cherry	Low	10 - 20 feet	10 - 20 feet	Red Pine	30		10	68	Balsam Fir	High	10 - 20 feet	10 - 20 feet	Sugar Maple	20		10						Red Maple	20		10					
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																					
White Spruce	20		14		Red Maple	Low	10 - 20 feet	10 - 20 feet																																																					
Balsam Fir	10	Seedling	8		Pin Cherry	Low	10 - 20 feet	10 - 20 feet																																																					
Red Pine	30		10	68	Balsam Fir	High	10 - 20 feet	10 - 20 feet																																																					
Sugar Maple	20		10																																																										
Red Maple	20		10																																																										
59	4130 - Aspen	Sapling Well	96.6	25	51-80	N/A	Recent cutting. Probably other spp present.																																																						
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>90</td><td>Log</td><td>3</td><td>25</td></tr><tr><td>Balsam Fir</td><td>5</td><td>Log</td><td>2</td><td>25</td></tr><tr><td>Northern White Cedar</td><td>5</td><td>Seedling</td><td>8</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	90	Log	3	25	Balsam Fir	5	Log	2	25	Northern White Cedar	5	Seedling	8																																			
Canopy Species	% Cover	Size Class	DBH	Age																																																									
Quaking Aspen	90	Log	3	25																																																									
Balsam Fir	5	Log	2	25																																																									
Northern White Cedar	5	Seedling	8																																																										
60	500 - Water	None	23.6			No	Stone Lake																																																						
61	6229 - Mixed Lowland Shrub	None	17.5			No	Ponds and marshes																																																						



</



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
66	4112 - Maple, Beech, Cherry Association	Sawtimber Well	19.9	114	81-110	N/A	Heavy cut the last time- good regeneration. Two-aged?																																													
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Beech</td><td>25</td><td></td><td>9</td><td></td></tr><tr><td>Sugar Maple</td><td>45</td><td></td><td>10</td><td>114</td></tr><tr><td>Red Maple</td><td>20</td><td></td><td>10</td><td></td></tr><tr><td>Quaking Aspen</td><td>5</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Ironwood</td><td>5</td><td>Sapling</td><td>6</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Beech	25		9		Sugar Maple	45		10	114	Red Maple	20		10		Quaking Aspen	5	Seedling	8		Ironwood	5	Sapling	6		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Maple (spp.)</td><td>High</td><td>&gt;20 feet</td><td>&gt;20 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Maple (spp.)	High	>20 feet	>20 feet								
Canopy Species	% Cover	Size Class	DBH	Age																																																
Beech	25		9																																																	
Sugar Maple	45		10	114																																																
Red Maple	20		10																																																	
Quaking Aspen	5	Seedling	8																																																	
Ironwood	5	Sapling	6																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																	
Maple (spp.)	High	>20 feet	>20 feet																																																	
67	4119 - Mixed Northern Hardwoods	Sawtimber Well	41.6	104	81-110	N/A	3-5 stick trees and rocky ground making for a low SI. Would be good to salvage the beech and ash in the stand.																																													
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Ash</td><td>20</td><td></td><td>9</td><td></td></tr><tr><td>Beech</td><td>10</td><td></td><td>10</td><td></td></tr><tr><td>Yellow Birch</td><td>5</td><td></td><td>12</td><td></td></tr><tr><td>Ironwood</td><td>5</td><td>Sapling</td><td>6</td><td></td></tr><tr><td>Sugar Maple</td><td>50</td><td></td><td>10</td><td>104</td></tr><tr><td>Red Maple</td><td>10</td><td></td><td>10</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	White Ash	20		9		Beech	10		10		Yellow Birch	5		12		Ironwood	5	Sapling	6		Sugar Maple	50		10	104	Red Maple	10		10																
Canopy Species	% Cover	Size Class	DBH	Age																																																
White Ash	20		9																																																	
Beech	10		10																																																	
Yellow Birch	5		12																																																	
Ironwood	5	Sapling	6																																																	
Sugar Maple	50		10	104																																																
Red Maple	10		10																																																	
68	429 - Mixed Upland Conifers	Sawtimber Well	15.1	69	51-80	N/A	Pine is older than other spp. There is an undersized culvert for the creek out of Mud lake.																																													
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Balsam Fir</td><td>10</td><td>Sapling</td><td>5</td><td></td></tr><tr><td>White Spruce</td><td>30</td><td>Seedling</td><td>6</td><td>69</td></tr><tr><td>White Pine</td><td>30</td><td></td><td>12</td><td>69</td></tr><tr><td>Red Maple</td><td>20</td><td>Sapling</td><td>5</td><td></td></tr><tr><td>Paper Birch</td><td>10</td><td>Seedling</td><td>8</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Balsam Fir	10	Sapling	5		White Spruce	30	Seedling	6	69	White Pine	30		12	69	Red Maple	20	Sapling	5		Paper Birch	10	Seedling	8		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Balsam Fir</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Red Maple</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Northern White Cedar</td><td>Trace</td><td>&gt;20 feet</td><td>&gt;20 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	5 - 10 feet	5 - 10 feet	Red Maple	Low	5 - 10 feet	5 - 10 feet	Northern White Cedar	Trace	>20 feet	>20 feet
Canopy Species	% Cover	Size Class	DBH	Age																																																
Balsam Fir	10	Sapling	5																																																	
White Spruce	30	Seedling	6	69																																																
White Pine	30		12	69																																																
Red Maple	20	Sapling	5																																																	
Paper Birch	10	Seedling	8																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																	
Balsam Fir	Medium	5 - 10 feet	5 - 10 feet																																																	
Red Maple	Low	5 - 10 feet	5 - 10 feet																																																	
Northern White Cedar	Trace	>20 feet	>20 feet																																																	
69	4110 - Sugar Maple Association	Sawtimber Well	13.3	114	51-80	N/A	Recently thinned with adjacent stands- average BA 70. Regeneration starting to come in. There are trace amounts of other spp in the over story.																																													
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Ironwood</td><td>10</td><td>Sapling</td><td>7</td><td></td></tr><tr><td>Sugar Maple</td><td>80</td><td></td><td>12</td><td>114</td></tr><tr><td>Red Maple</td><td>10</td><td></td><td>10</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Ironwood	10	Sapling	7		Sugar Maple	80		12	114	Red Maple	10		10		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Maple (spp.)</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Maple (spp.)	Low	10 - 20 feet	10 - 20 feet																		
Canopy Species	% Cover	Size Class	DBH	Age																																																
Ironwood	10	Sapling	7																																																	
Sugar Maple	80		12	114																																																
Red Maple	10		10																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																	
Maple (spp.)	Low	10 - 20 feet	10 - 20 feet																																																	
70	42360 - Upland Cedar	Poletimber Medium	4.1	65	1-50	N/A	appears to be old barrow pit. cedar trees filling in. not as open as stand 52																																													
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Northern White Cedar</td><td>100</td><td>Pole</td><td>4</td><td>65</td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	100	Pole	4	65																																								
Canopy Species	% Cover	Size Class	DBH	Age																																																
Northern White Cedar	100	Pole	4	65																																																
71	4130 - Aspen	Poletimber Well	5.1	64	111-140	N/A	Treat next rotation																																													
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>5</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Balsam Fir</td><td>5</td><td>Log</td><td>1</td><td></td></tr><tr><td>Northern White Cedar</td><td>5</td><td></td><td>9</td><td>105</td></tr><tr><td>Red Maple</td><td>5</td><td>Log</td><td>1</td><td>20</td></tr><tr><td>Bigtooth Aspen</td><td>80</td><td>Seedling</td><td>8</td><td>64</td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	5	Seedling	8		Balsam Fir	5	Log	1		Northern White Cedar	5		9	105	Red Maple	5	Log	1	20	Bigtooth Aspen	80	Seedling	8	64																				
Canopy Species	% Cover	Size Class	DBH	Age																																																
Quaking Aspen	5	Seedling	8																																																	
Balsam Fir	5	Log	1																																																	
Northern White Cedar	5		9	105																																																
Red Maple	5	Log	1	20																																																
Bigtooth Aspen	80	Seedling	8	64																																																







Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																				
80	4134 - Aspen, Spruce/Fir	Poletimber Well	8.4	104	81-110	N/A	Stand was part of old stand 79. This area has more aspen and is falling out because of age. Treat the part not associated with the SCA next rotation with stand 14 and 15.																																																				
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>70</td><td></td><td>9</td><td>104</td></tr><tr><td>Balsam Fir</td><td>20</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>Red Maple</td><td>5</td><td></td><td>10</td><td></td></tr><tr><td>Paper Birch</td><td>5</td><td></td><td>10</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	70		9	104	Balsam Fir	20	Seedling	6		Red Maple	5		10		Paper Birch	5		10																												
Canopy Species	% Cover	Size Class	DBH	Age																																																							
Quaking Aspen	70		9	104																																																							
Balsam Fir	20	Seedling	6																																																								
Red Maple	5		10																																																								
Paper Birch	5		10																																																								
81	42320 - Upland Spruce	Poletimber Medium	54.3	55	1-50	N/A	trees very scattered with open grass areas																																																				
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Spruce</td><td>90</td><td></td><td>8</td><td>55</td></tr><tr><td>Quaking Aspen</td><td>10</td><td>Seedling</td><td>6</td><td></td></tr></table>							Canopy Species	% Cover	Size Class	DBH	Age	White Spruce	90		8	55	Quaking Aspen	10	Seedling	6																																							
Canopy Species	% Cover	Size Class	DBH	Age																																																							
White Spruce	90		8	55																																																							
Quaking Aspen	10	Seedling	6																																																								
82	4112 - Maple, Beech, Cherry Association	Sawtimber Well	32.6	96	51-80	N/A	Ash is dying or very stressed. Fair quality.																																																				
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Yellow Birch</td><td>5</td><td></td><td>12</td><td></td></tr><tr><td>Basswood</td><td>5</td><td></td><td>12</td><td></td></tr><tr><td>Beech</td><td>5</td><td></td><td>10</td><td></td></tr><tr><td>Northern White Cedar</td><td>5</td><td></td><td>10</td><td></td></tr><tr><td>Sugar Maple</td><td>40</td><td></td><td>10</td><td>96</td></tr><tr><td>Red Maple</td><td>35</td><td></td><td>10</td><td>30</td></tr><tr><td>Green Ash</td><td>5</td><td></td><td>11</td><td></td></tr></table> <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Maple (spp.)</td><td>Medium</td><td>&gt;20 feet</td><td>&gt;20 feet</td></tr><tr><td>Green Ash</td><td>Low</td><td>&gt;20 feet</td><td>&gt;20 feet</td></tr></table>							Canopy Species	% Cover	Size Class	DBH	Age	Yellow Birch	5		12		Basswood	5		12		Beech	5		10		Northern White Cedar	5		10		Sugar Maple	40		10	96	Red Maple	35		10	30	Green Ash	5		11		Sub-Canopy Species	Density	Avg. Height	Size	Maple (spp.)	Medium	>20 feet	>20 feet	Green Ash	Low	>20 feet	>20 feet	Harvested in spring of 2019 as part of the Deadzone Mix (45-113-17) timber sale.
Canopy Species	% Cover	Size Class	DBH	Age																																																							
Yellow Birch	5		12																																																								
Basswood	5		12																																																								
Beech	5		10																																																								
Northern White Cedar	5		10																																																								
Sugar Maple	40		10	96																																																							
Red Maple	35		10	30																																																							
Green Ash	5		11																																																								
Sub-Canopy Species	Density	Avg. Height	Size																																																								
Maple (spp.)	Medium	>20 feet	>20 feet																																																								
Green Ash	Low	>20 feet	>20 feet																																																								