



Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 45014

Entry Year 2025

Acreage: 3,626

County Chippewa

Management Area: Drummond Island

Stand Examiner: Josh Brinks

Legal Description:

T41N-R6E, Sections 3-11, 15-22 & T42N-R6E, Sections 31, 32

Identified Planning Goals:

Primarily managed for timber and wildlife, this area has shallow, rocky soils that support upland hardwoods in the north, and a deer yard area with many aspen and cedar stands as the compartment extends south toward Lake Huron. Management this entry year will focus on creating diverse age classes of aspen stands by harvesting those that are most mature and enhancing early successional habitats for wildlife species.

Soil and topography:

The north and south-west portions of this compartment are Shelter-Posen Summerville soils with variable depth and drainage but have a tendency to shallow. It is a loamy soil on ground moraines and glacial lake benches. The middle and south-east areas are the Potagannissing-Rock Outcrops- Summerville association which are similar to the Shelter-Posen soils, however, include exposed limestone bedrock. Topography is generally rolling with lower, swampy ground to the south.

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

This compartment is surrounded by private land but can easily be accessed from the north, west, or east. Compartment boundaries are surveyed well and consist of several blocks of State land that extend from South Shore Road, east to Meade Island Road, and south to Lake Huron. Private holdings in the area are mostly seasonal residents and vacant land with some permanent homes on the west and east sides. Very little Lake Huron shoreline is State land.

Unique Natural Features:

Drummond Island is known for many unique or rare plants and landforms. MNFI has identified several rare communities and threatened and endangered species in the compartment.

Archeological, Historical, and Cultural Features:

There are known concerns within the compartment. All proposed management activities have taken these concerns into consideration.

Special Management Designations or Considerations:

Deer Yard, and special conservation area.

Watershed and Fisheries Considerations:

This compartment contains some small lakes on Drummond Island.

Fisheries Division surveyed several Drummond Island lakes in the early 1990s, and found none with "exciting" fish communities. A couple might have been worth spending some management effort, but they had very poor public access. Currently, all of those lake files reside in Gaylord, as they are part of the Northern Lake Huron watershed. Prescribed management activities are appropriate for the protection of these waterbodies.

Wildlife Habitat Considerations:

This compartment is in the Drummond Island Management Area. It consists of a mix of cover types ranging from aspen and northern hardwoods to mixed conifers and cedar. The cover type is influenced by shallow soils over limestone bedrock common throughout the island. The compartment provides important wintering habitat for white-tailed deer. The low conifer cover also provides good cover for snowshoe hare and other species. There are numerous lakes and ponds here including Pat's Lake, Miller Lake, and Beaver Dam Pond. The southern part of the compartment is close to the Lake Huron shoreline, and some stands border the shoreline. These waterbodies provide habitat for waterfowl, beaver, and other wetland wildlife.

Wildlife management objectives include retaining the lowland conifer cover used by deer and snowshoe hare, protecting wetland and shoreline habitat for waterfowl and other migratory birds and wetland wildlife, protecting rare species and habitats, and maintaining habitats for a variety of wildlife species. Lakes and wetlands will be buffered appropriately to maintain the aquatic and shoreline habitat. Adequate measures will be taken to protect rare or unique features.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial oil & gas production in this part of the state, and there is no known metallic mineral potential in this area. Multiple active sand/gravel pits are less than one mile from the compartment, and there is good potential for sand & gravel within the compartment on the uplands where bedrock is not at the surface. Due to logistics and availability, sand & gravel on the island is more valuable compared to on the mainland. High-purity dolomite is quarried from the Engadine Group roughly two miles west. Carmeuse (Drummond Dolomite), owner and operator of the quarry, recently completed an exchange with the State involving lands just west of the compartment to allow for expansion of their current operation. While there is potential for additional high-purity dolomite within the compartment, based on current estimates, Carmeuse is not expected to expand into the recently acquired lands to the west for another 30+ years, and it would likely be another 20+ years before they exhaust the resources on that property. Therefore, it could be several decades before the company may possibly be looking to secure additional future reserves. Such prospects so far in the future limit the present value of the dolomite resources within the compartment. Development of a new operation, independent of Drummond Dolomite, within the compartment is unlikely. Furthermore, wetlands and a shallow water table in parts of the compartment could make surface mining more costly. 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:

Fairly good access: from the west via South Shore Road and South Warner's Cove Road, From the North through a few dirt trails, and from the east via Meade Island road, which intersects with Canoe Bay Road and runs west to South Warner's Cove Road. Most of Canoe Bay Road requires four wheel drive to navigate through the mud holes and rocks.

Survey Needs:

Recreational Facilities and Opportunities:

Snowmobile trail 492 runs through the southern portion of the compartment on Canoe Bay and Meade Island Roads. Keep the trails clear of logging slash and debris. There is limited access to Lake Huron and several lakes within the compartment, with no public access sites. Dispersed recreation consisting of hunting and camping is the primary activity in this area. There are no legal ORV or ATV trails or routes in this compartment.

Fire Protection:

Fairly good access to most lakes for water sources and trails into private camps, residences, and State land.

Additional Compartment Information:

The following reports from the Inventory are attached:

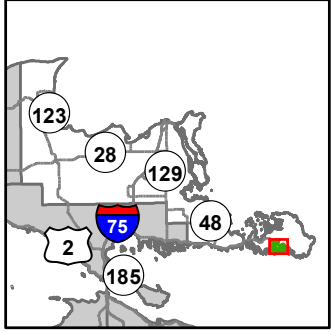
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

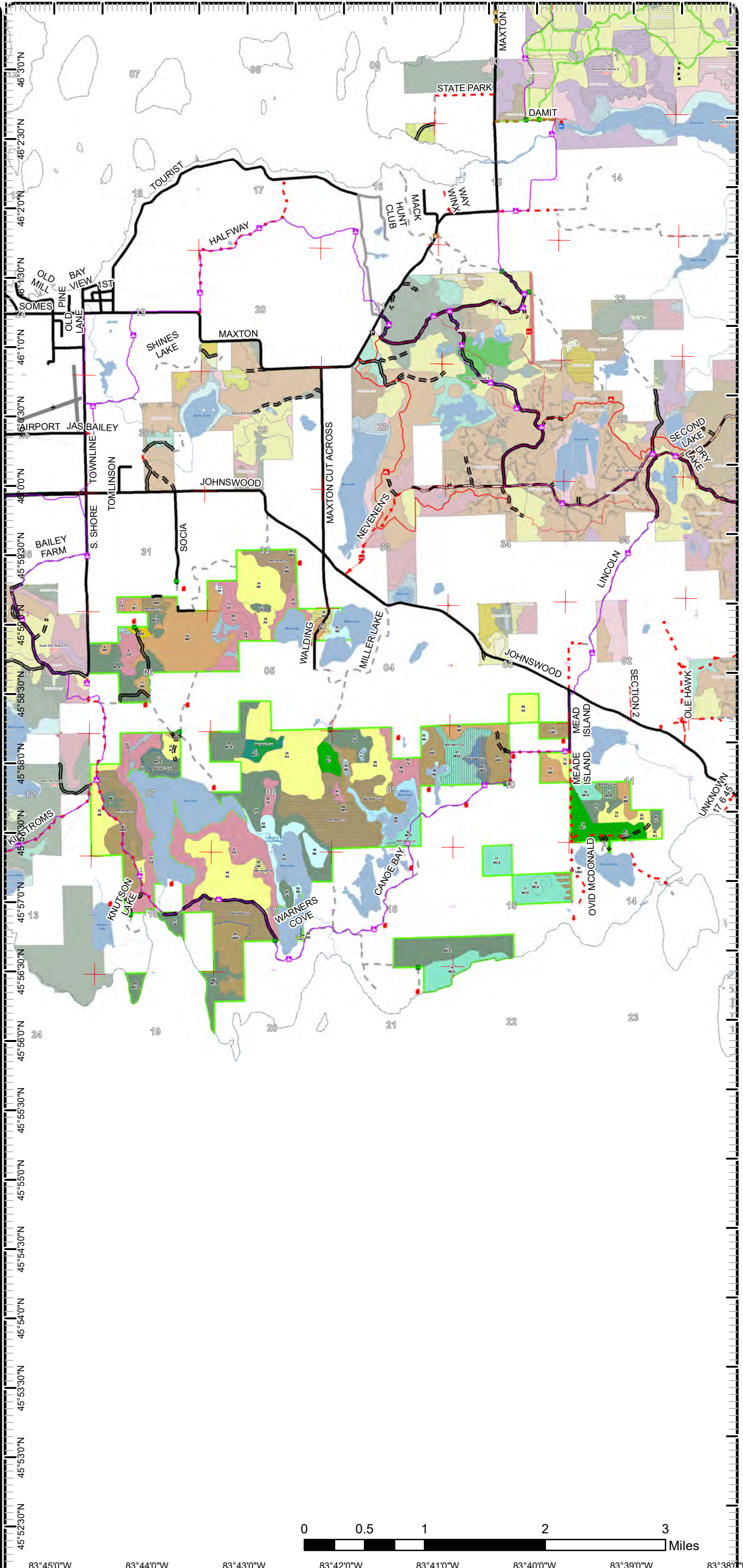
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 14
 T42N,R06E, Sec: 31, 32
 County: Chippewa
 Unit: Sault Ste. Marie
 Mgmt Area: Drummond Island
 YOE: 2025
 Acres: 3626.4 GIS Calculated
 Examiner: Josh Brinks
 Map Revised: 8/2/2023
 Map Phase: Review



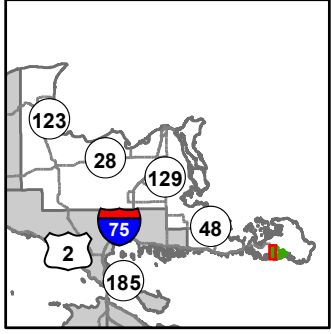
- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- == DNR - Forest Access Route
- Federal / State / County - Paved Road
- - - County - Gravel Road
- - - County - Dirt Road (Seasonal)
- - - Private - Dirt / Gravel Road
- ORV Routes
- Snowmobile Trails
- Designated ORV Route
- Designated Snowmobile Trails
- Intermittent Stream
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers
- Cabin
- ▲ Berms
- Gate
- Compartment Boundary
- Treatments with Site Conditions
- ▨ Selection (Group, Single Tree)
- ▨ Clearcut (w/Reserves)
- ▨ Seed Tree (w/Reserves)
- ▨ Shelter Wood (w/Reserves)
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland



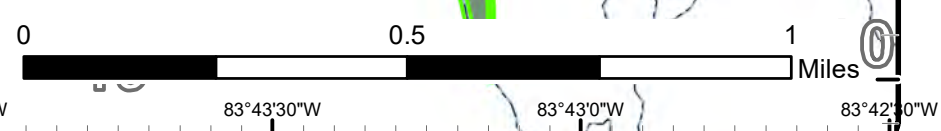
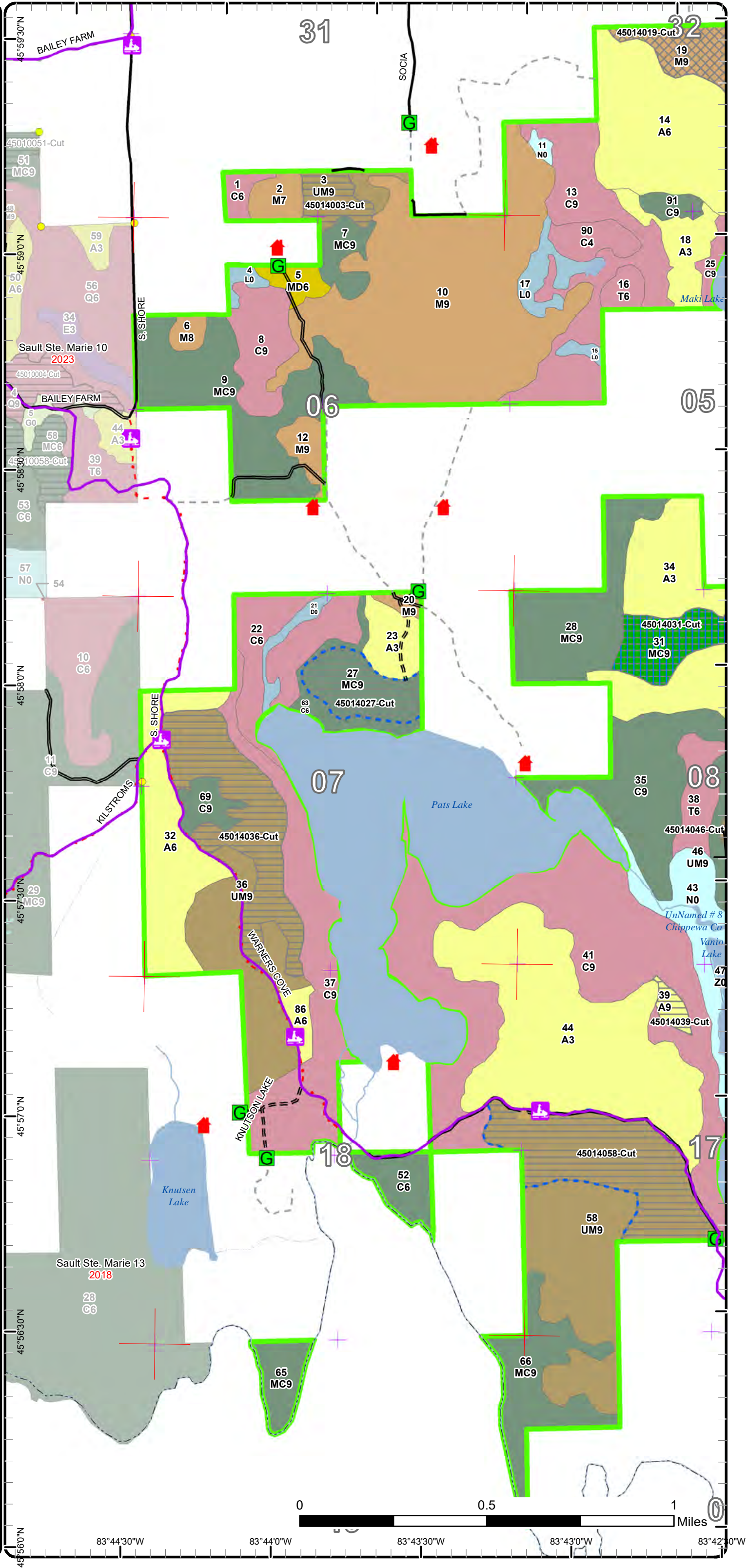
83°45'0"W 83°44'0"W 83°43'0"W 83°42'0"W 83°41'0"W 83°40'0"W 83°39'0"W 83°38'0"W

Cover Type & Treatments Map

Compartment: 14
 T42N,R06E, Sec: 31, 32
 County: Chippewa
 Unit: Sault Ste. Marie
 Mgmt Area: Drummond Island
 YOE: 2025
 Acres: 3626.4 GIS Calculated
 Examiner: Josh Brinks
 Map Revised: 8/2/2023
 Map Phase: Review



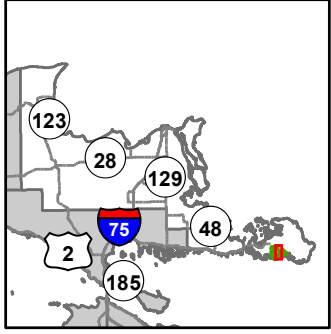
- Miris Corners
- Remonumented Section Corners
- Survey Grade Corners
- Counties
- == DNR - Secondary Forest Road
- == DNR - Forest Access Route
- == Federal / State / County - Paved Road
- .-.- County - Gravel Road
- - - Private - Dirt / Gravel Road
- 🚙 Snowmobile Trails
- 🚙 Designated Snowmobile Trails
- Intermittent Stream
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers
- 🏠 Cabin
- 🏠 Berms
- 🚪 Gate
- 🟩 Compartment Boundary
- 🟩 Treatments with Site Conditions
- 🟩 Selection (Group, Single Tree)
- 🟩 Clearcut (w/Reserves)
- 🟩 Seed Tree (w/Reserves)
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland



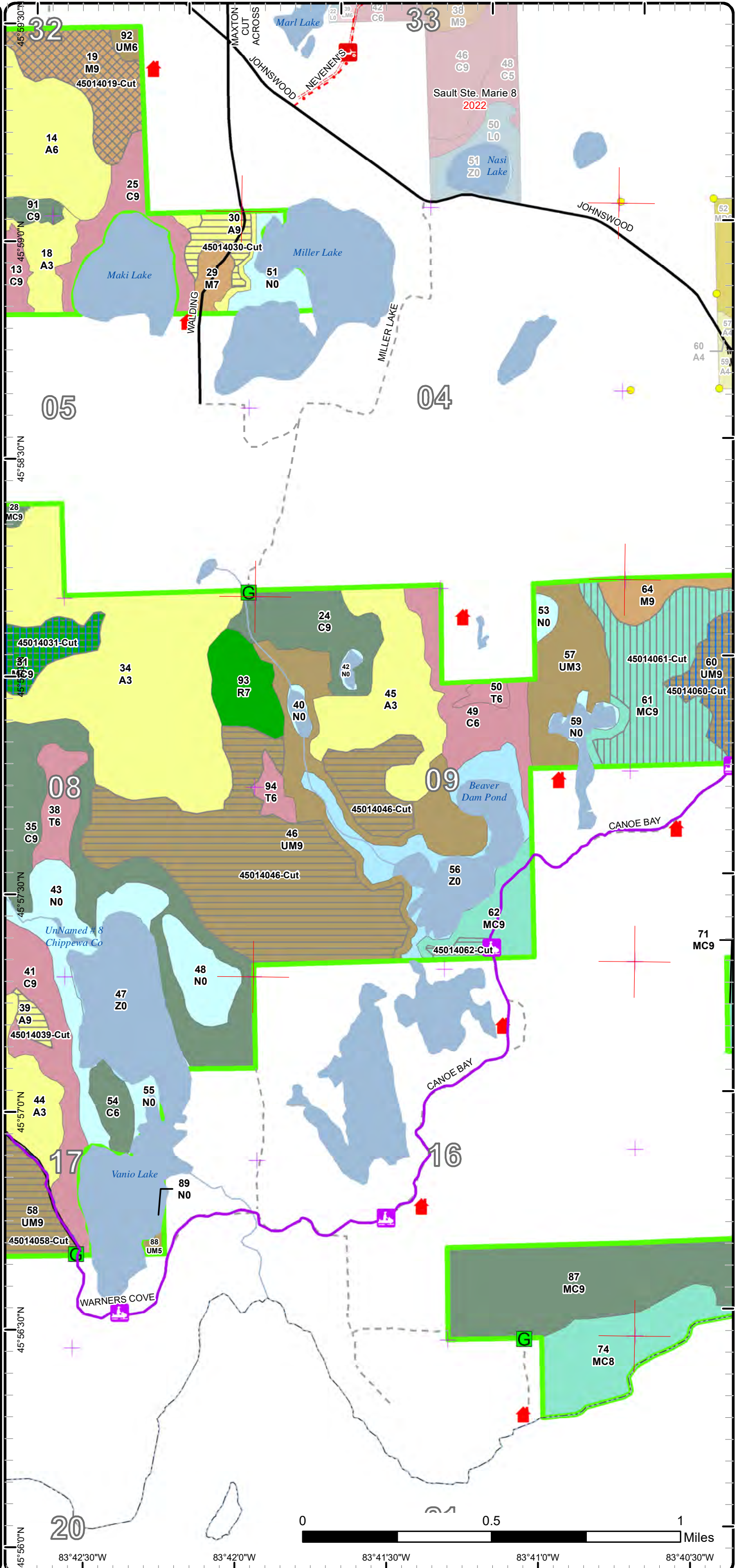
45°56'00"N 83°44'30"W 83°44'00"W 83°43'30"W 83°43'00"W 83°42'30"W

Cover Type & Treatments Map

Compartment: 14
 T42N,R06E, Sec: 31, 32
 County: Chippewa
 Unit: Sault Ste. Marie
 Mgmt Area: Drummond Island
 YOE: 2025
 Acres: 3626.4 GIS Calculated
 Examiner: Josh Brinks
 Map Revised: 8/2/2023
 Map Phase: Review

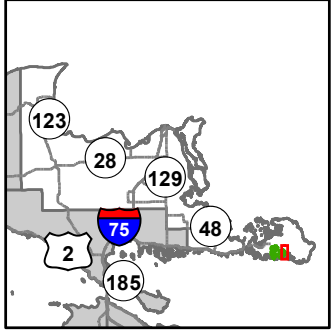


- Miris Corners
- Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- Federal / State / County - Paved Road
- - - County - Gravel Road
- - - Private - Dirt / Gravel Road
- ORV Routes
- Snowmobile Trails
- Designated ORV Route
- Designated Snowmobile Trails
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers
- 🏠 Cabin
- G Gate
- Compartment Boundary
- Treatments with Site Conditions
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Seed Tree (w/Reserves)
- Shelter Wood (w/Reserves)
- 411 - Northern Hardwood
- 413 - Aspen
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest
- 500 - Water
- 623 - Emergent Wetland

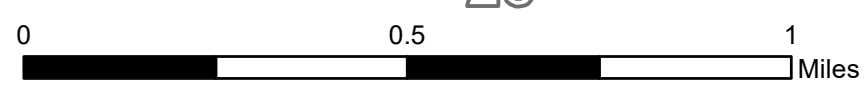
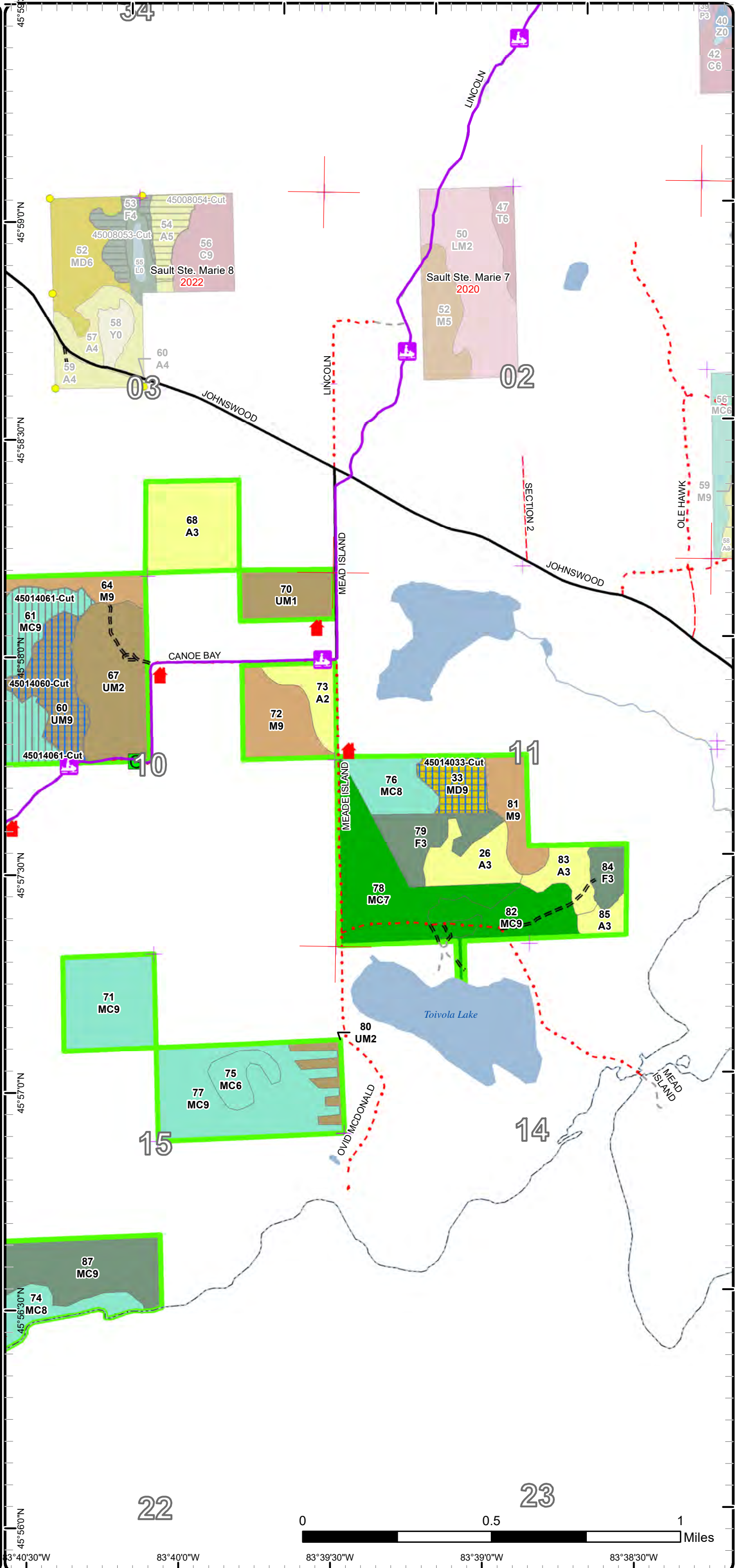


Cover Type & Treatments Map

Compartment: 14
 T42N,R06E, Sec: 31, 32
 County: Chippewa
 Unit: Sault Ste. Marie
 Mgmt Area: Drummond Island
 YOE: 2025
 Acres: 3626.4 GIS Calculated
 Examiner: Josh Brinks
 Map Revised: 8/2/2023
 Map Phase: Review



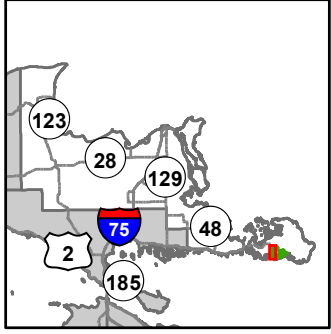
- Miris Corners
- Remonumented Section Corners
- Survey Grade Corners
- Counties
- == DNR - Forest Access Route
- Federal / State / County - Paved Road
- - - County - Gravel Road
- - - County - Dirt Road (Seasonal)
- - - Private - Dirt / Gravel Road
- 🚙 Snowmobile Trails
- 🚙 Designated Snowmobile Trails
- 🌊 Lake/Pond
- 🌊 Perennial River
- 🌊 Shoreline
- 🌊 Lakes and Rivers
- 🏠 Cabin
- 🚪 Gate
- 🟩 Compartment Boundary
- 🌳 Seed Tree (w/Reserves)
- 🌳 Shelter Wood (w/Reserves)
- 🟤 411 - Northern Hardwood
- 🟡 413 - Aspen
- 🟠 419 - Mixed Upland Deciduous
- 🟢 422 - Natural Pines
- 🟡 423 - Other Upland Conifers
- 🟢 429 - Mixed Upland Conifers
- 🟤 430 - Upland Mixed Forest



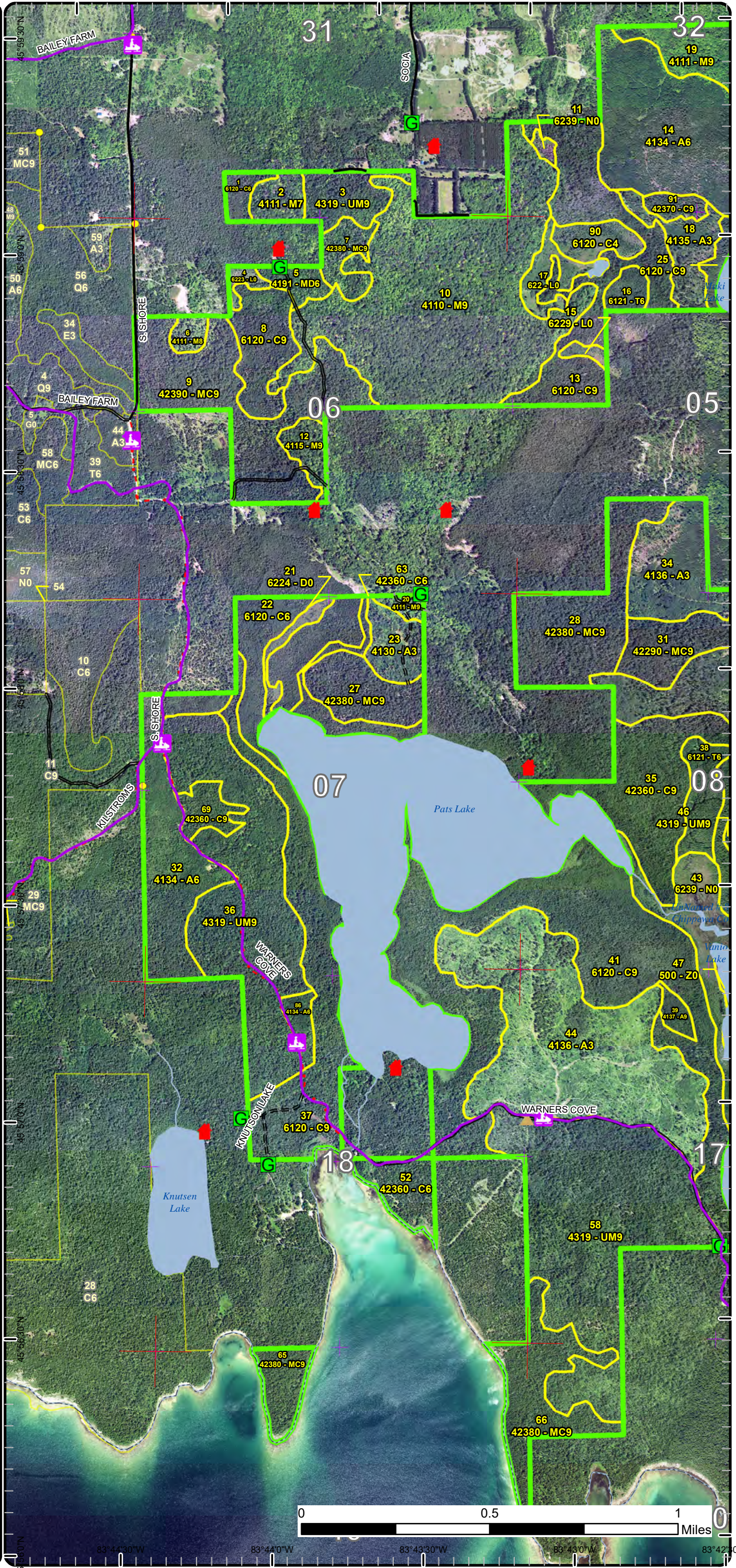
45°56'00"N 83°40'00"W 83°39'30"W 83°39'00"W 83°38'30"W

Stand Boundary Map

Compartment: 14
 T42N,R06E, Sec: 31, 32
 County: Chippewa
 Unit: Sault Ste. Marie
 Mgmt Area: Drummond Island
 YOE: 2025
 Acres: 3626.4 GIS Calculated
 Examiner: Josh Brinks
 Map Revised: 8/2/2023
 Map Phase: Review



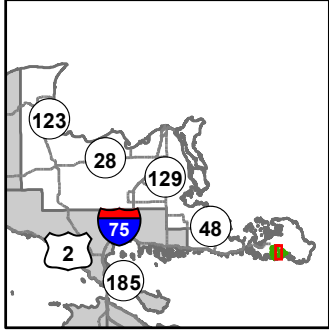
- Miris Corners
- ✚ Remonumented Section Corners
- Survey Grade Corners
- Counties
- == DNR - Secondary Forest Road
- == DNR - Forest Access Route
- == Federal / State / County - Paved Road
- .-.- County - Gravel Road
- - - Private - Dirt / Gravel Road
- 🛷 Snowmobile Trails
- 🛷 Designated Snowmobile Trails
- Intermittent Stream
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers
- 🏠 Cabin
- 🏠 Berms
- G Gate
- ▭ Compartment Boundary
- ▭ Stand Boundaries
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland



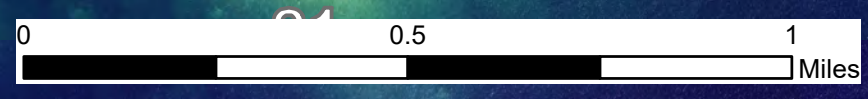
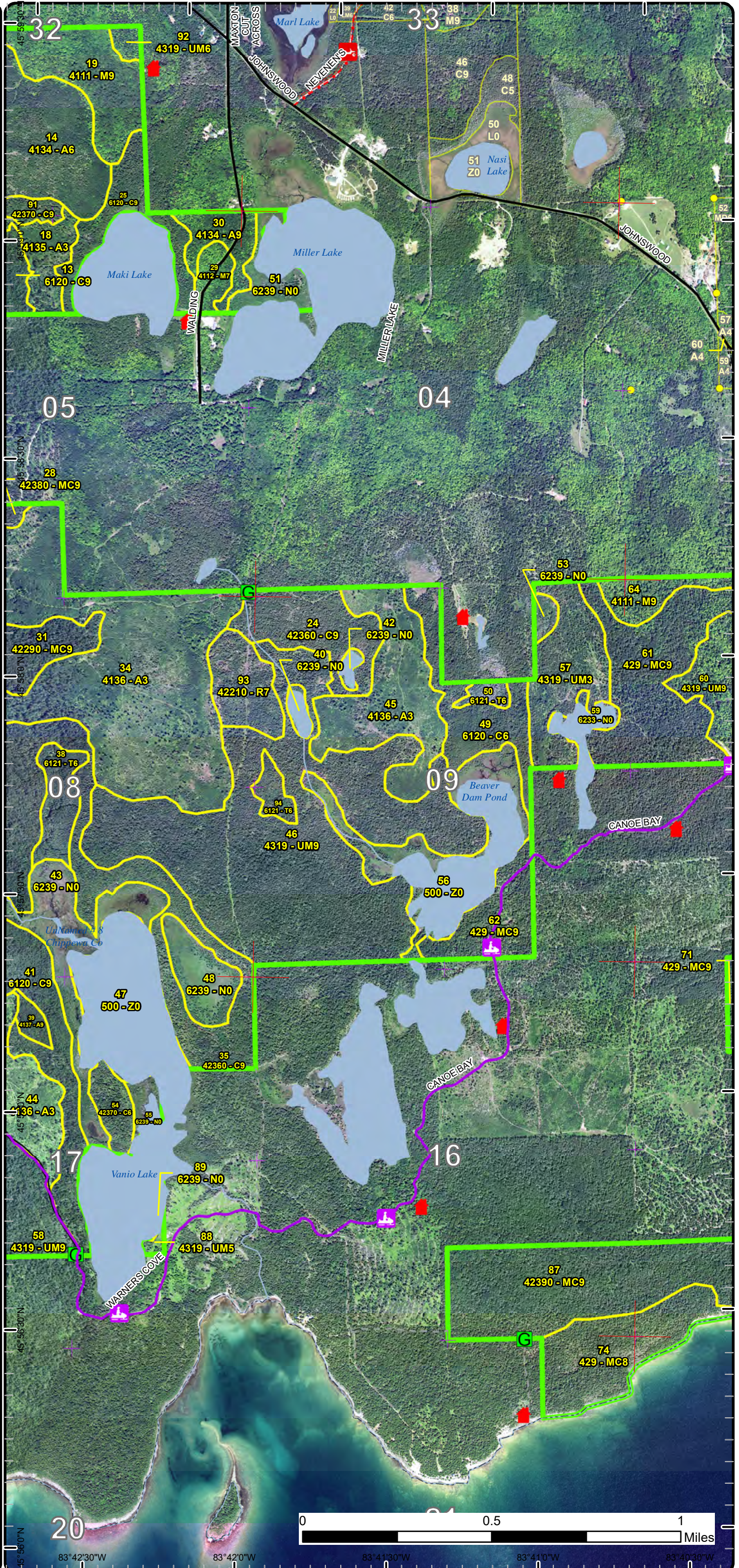
45°59'00"N 83°44'30"W 83°44'00"W 83°43'30"W 83°43'00"W 83°42'30"W
 0 0.5 1 Miles

Stand Boundary Map

Compartment: 14
 T42N,R06E, Sec: 31, 32
 County: Chippewa
 Unit: Sault Ste. Marie
 Mgmt Area: Drummond Island
 YOE: 2025
 Acres: 3626.4 GIS Calculated
 Examiner: Josh Brinks
 Map Revised: 8/2/2023
 Map Phase: Review



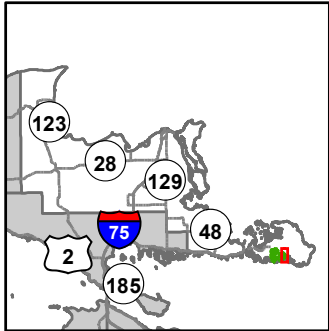
- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- Federal / State / County - Paved Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- 🚗 ORV Routes
- 🚗 Snowmobile Trails
- Designated ORV Route
- Designated Snowmobile Trails
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers
- 🏠 Cabin
- G Gate
- Compartment Boundary
- Stand Boundaries
- 411 - Northern Hardwood
- 413 - Aspen
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest
- 500 - Water
- 623 - Emergent Wetland



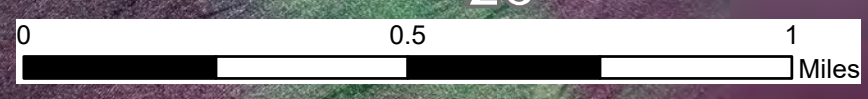
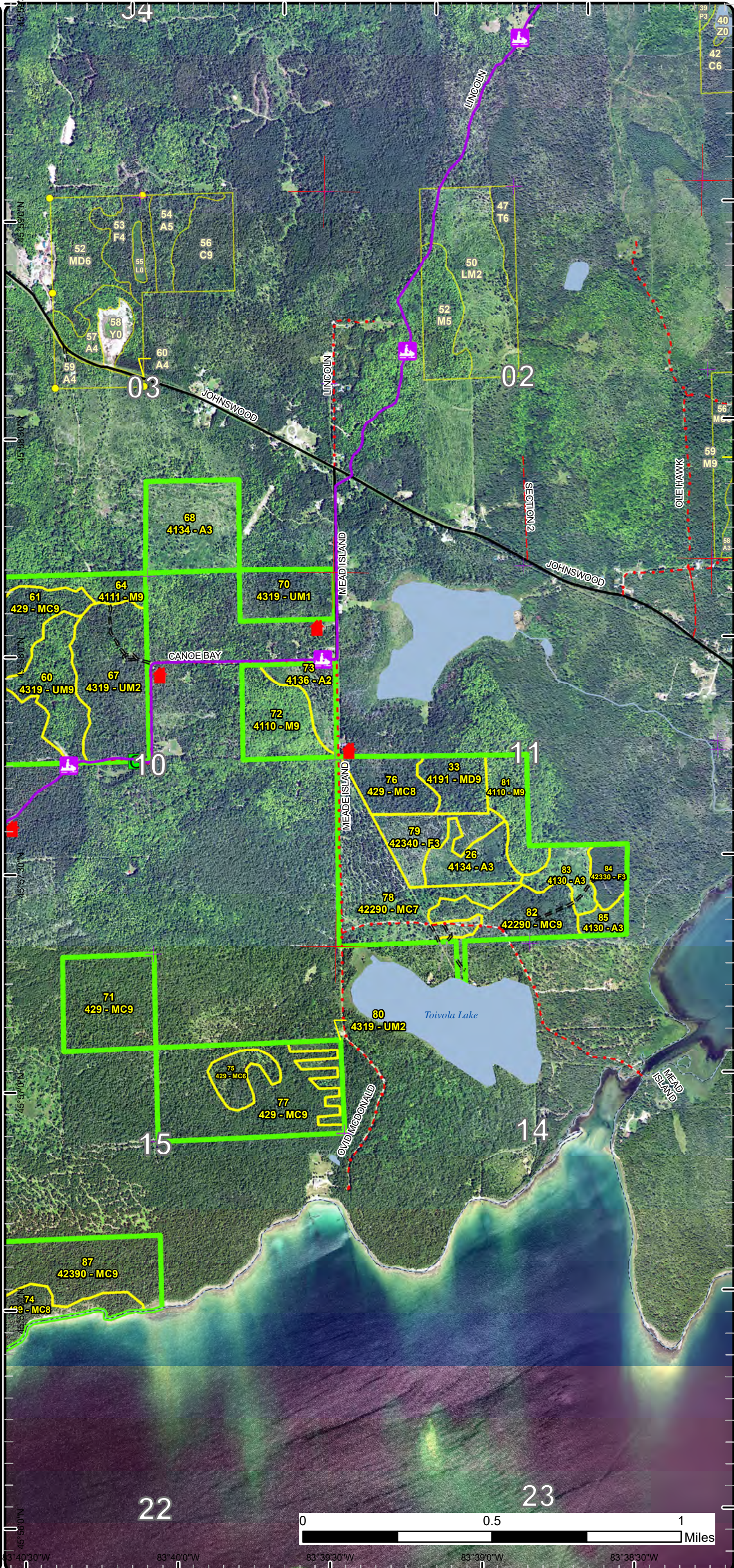
45°56'0"N 83°42'30"W 83°42'0"W 83°41'30"W 83°41'0"W 83°40'30"W

Stand Boundary Map

Compartment: 14
 T42N,R06E, Sec: 31, 32
 County: Chippewa
 Unit: Sault Ste. Marie
 Mgmt Area: Drummond Island
 YOE: 2025
 Acres: 3626.4 GIS Calculated
 Examiner: Josh Brinks
 Map Revised: 8/2/2023
 Map Phase: Review



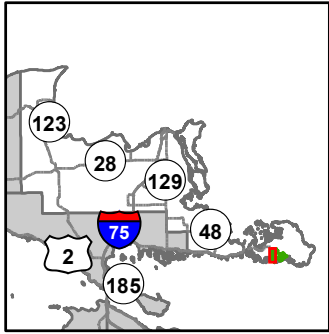
- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Snowmobile Trails
- Designated Snowmobile Trails
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers
- Cabin
- Gate
- Compartment Boundary
- Stand Boundaries
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest



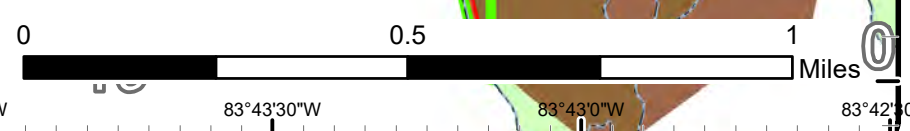
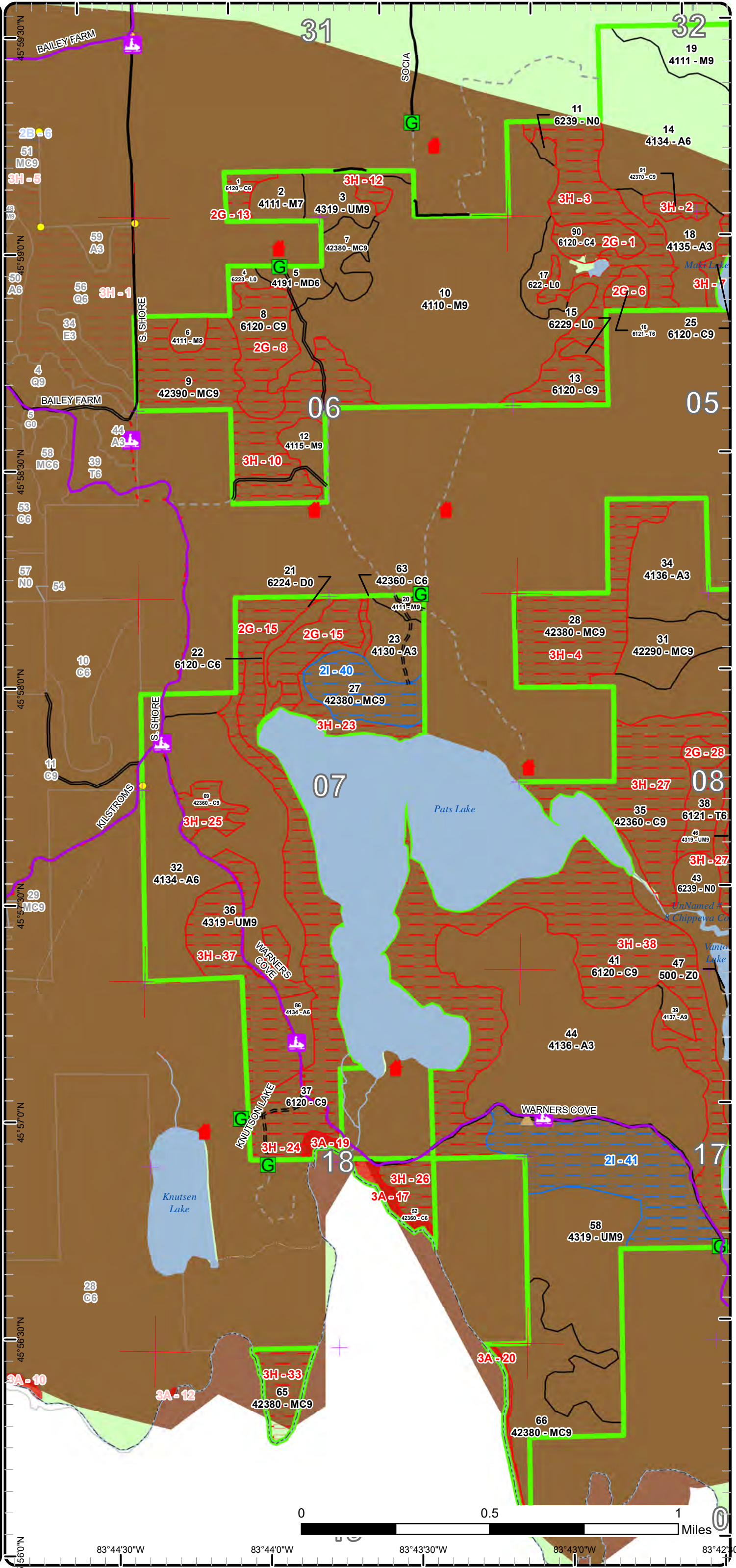
45°56'0"N 83°40'30"W 83°39'30"W 83°38'30"W 45°57'0"N 45°58'0"N 45°59'0"N 46°00'0"N

Special Conservation Areas

Compartment: 14
 T42N,R06E, Sec: 31, 32
 County: Chippewa
 Unit: Sault Ste. Marie
 Mgmt Area: Drummond Island
 YOE: 2025
 Acres: 3626.4 GIS Calculated
 Examiner: Josh Brinks
 Map Revised: 8/2/2023
 Map Phase: Review



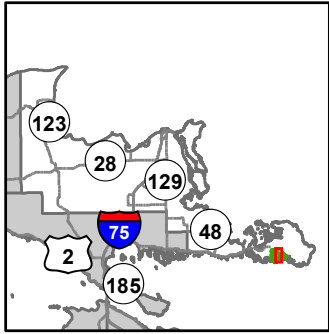
- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- + Snowmobile Trails
- Designated Snowmobile Trails
- ~ Intermittent Stream
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers
- Cabin
- ▲ Berms
- G Gate
- Compartment Boundary
- Available w/ Constraints
- 2I: Survey needed
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- 3A: Conservation Values incompatible with harvest at this time
- Stand Boundaries
- Ecological Reference Areas
- Deer Winter Range
- Great Lakes Islands



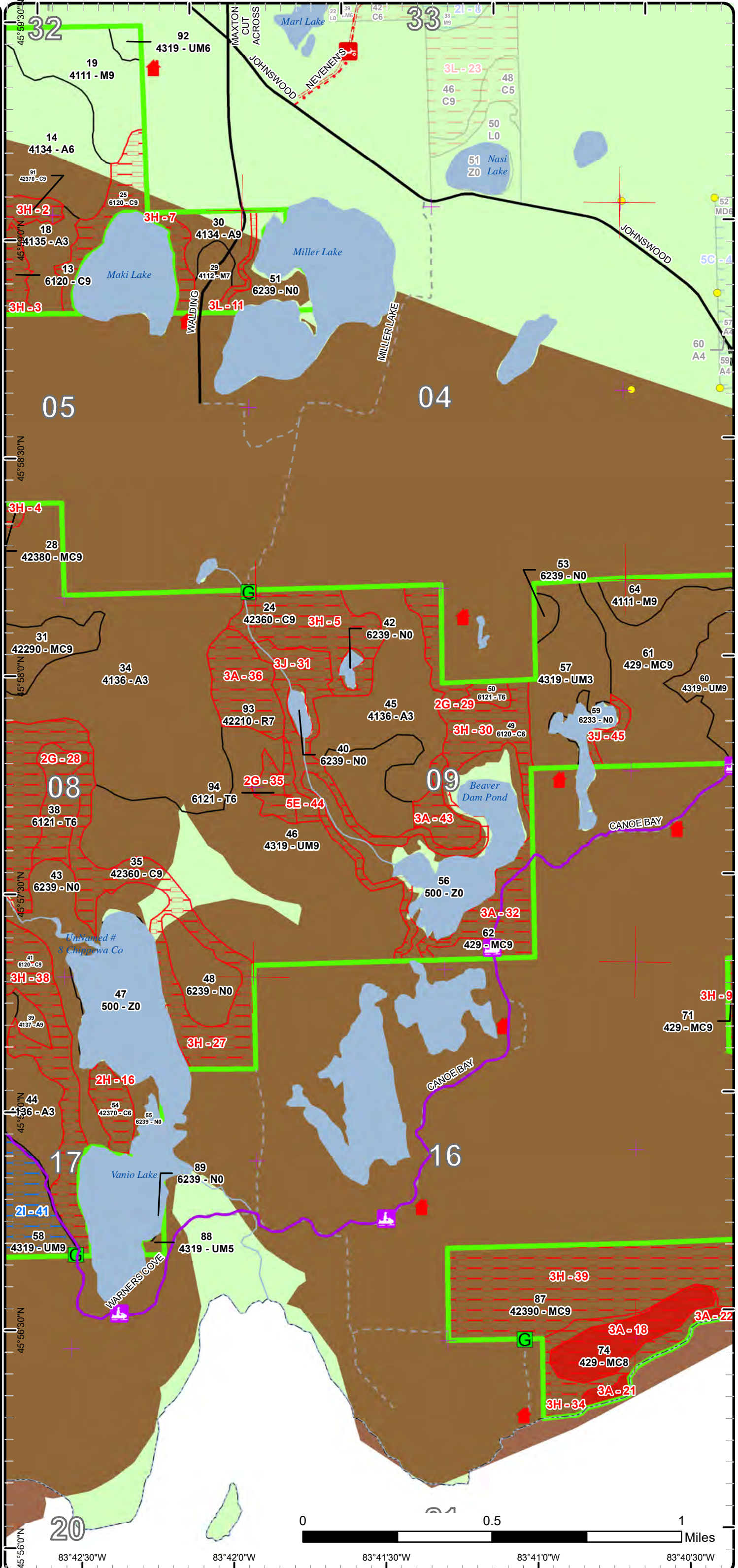
45°56'0"N 83°44'30"W 83°44'0"W 83°43'30"W 83°43'0"W 83°42'30"W

Special Conservation Areas

Compartment: 14
 T42N,R06E, Sec: 31, 32
 County: Chippewa
 Unit: Sault Ste. Marie
 Mgmt Area: Drummond Island
 YOE: 2025
 Acres: 3626.4 GIS Calculated
 Examiner: Josh Brinks
 Map Revised: 8/2/2023
 Map Phase: Review

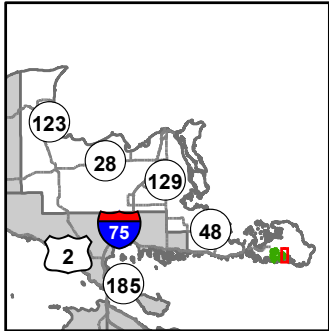


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- Federal / State / County - Paved Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- 🚗 ORV Routes
- 🚙 Snowmobile Trails
- Designated ORV Route
- Designated Snowmobile Trails
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers
- 🏠 Cabin
- G Gate
- Compartment Boundary
- Available w/ Constraints
- 2I: Survey needed
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3A: Conservation Values incompatible with harvest at this time
- 3J: Water quality / BMPs (stream, river, or lake)
- 3L: Other wildlife concerns
- 5E: Long-Term Retention
- Stand Boundaries
- Ecological Reference Areas
- Deer Winter Range
- Great Lakes Islands

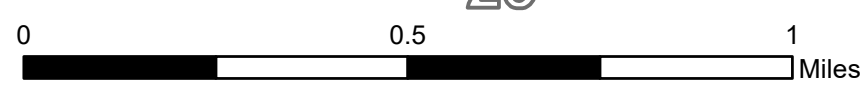
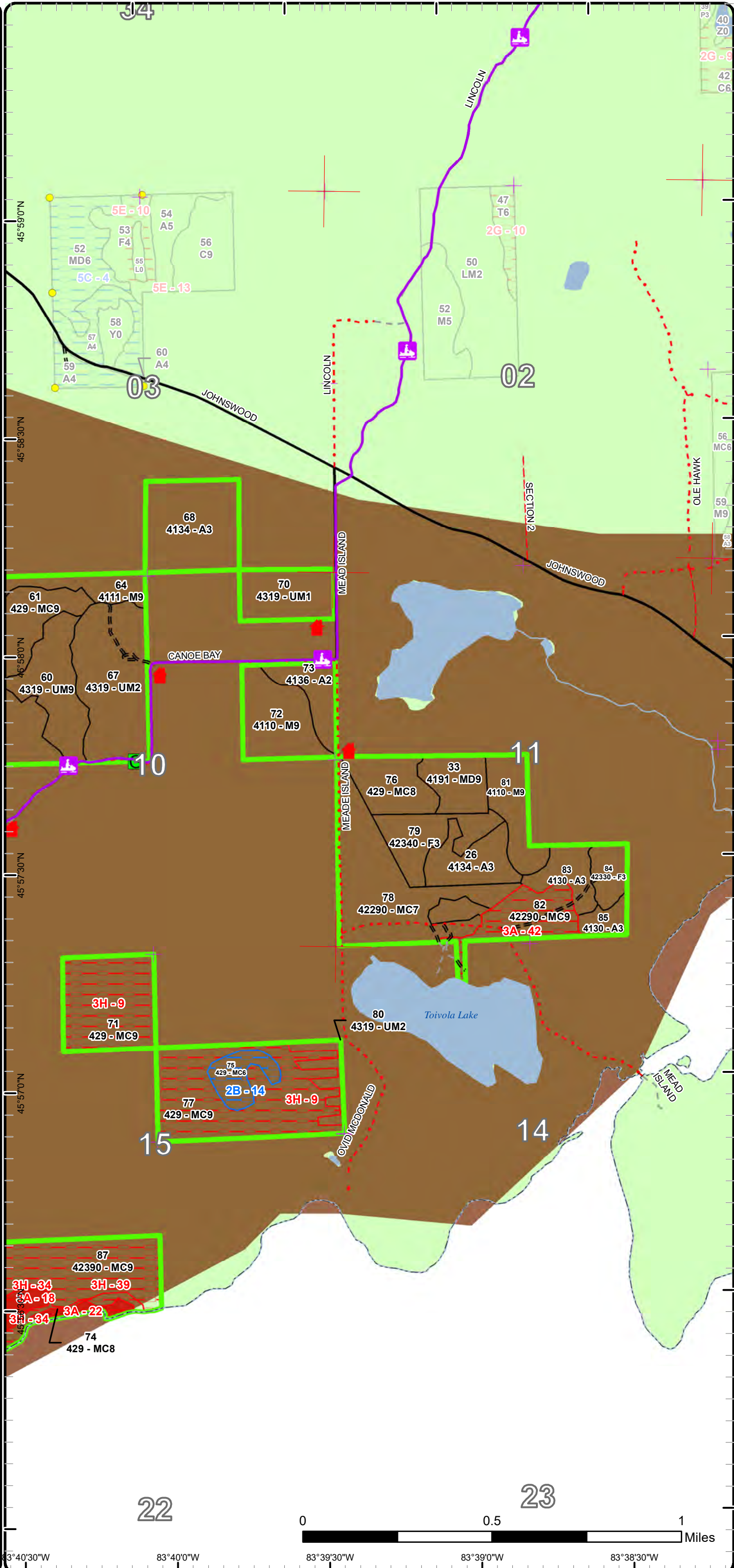


Special Conservation Areas

Compartment: 14
 T42N,R06E, Sec: 31, 32
 County: Chippewa
 Unit: Sault Ste. Marie
 Mgmt Area: Drummond Island
 YOE: 2025
 Acres: 3626.4 GIS Calculated
 Examiner: Josh Brinks
 Map Revised: 8/2/2023
 Map Phase: Review



- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Snowmobile Trails
- Designated Snowmobile Trails
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers
- Cabin
- Gate
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 3A: Conservation Values incompatible with harvest at this time
- Stand Boundaries
- Ecological Reference Areas
- Deer Winter Range
- Great Lakes Islands



83°40'30"W 83°40'0"W 83°39'30"W 83°39'0"W 83°38'30"W

Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Unseen-Aged	Total
Aspen	0	0	256	271	95	68	0	17	5	0	0	0	0	0	0	0	0	0	711
Cedar	0	0	0	0	0	0	0	0	0	13	0	39	173	196	261	0	31	0	713
Lowland Shrub	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Marsh	127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	127
Mixed Upland Deciduous	0	0	0	0	8	0	0	0	0	15	0	0	0	0	0	0	0	0	23
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	0	83	0	27	0	0	0	0	0	109
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	0	0	323	24	0	0	0	0	346
Red Pine	0	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	25
Tamarack	0	0	0	0	0	0	0	0	30	7	0	0	0	0	0	0	0	0	37
Treed Bog	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Upland Conifers	0	0	0	0	0	0	0	0	0	47	0	240	255	0	16	0	105	0	663
Upland Mixed Forest	0	69	0	0	54	155	4	20	0	244	0	0	150	0	0	0	0	0	696
Upland Spruce/Fir	0	0	0	20	9	0	0	0	0	0	0	0	0	0	0	0	0	0	29
Water	119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	119
Total	272	69	256	291	166	223	4	37	35	326	83	279	953	220	277	0	136	0	3624



Report 2 – Treatment Summary

Sault Ste. Marie Mgt. Unit
Year of Entry: 2025

Acres of Harvest

Compartment 14
Total Compartment Acres: 3,626

Commercial Harvest - 478
Harvests with Site Condition - 102
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	17	0	0	0	0	0	0	0	0	17
Mixed Upland Deciduous	0	0	0	15	0	0	0	0	0	15
Natural Mixed Pines	0	0	0	27	0	0	0	0	0	27
Northern Hardwood	0	45	0	0	0	0	0	0	0	45
Upland Conifers	32	0	0	0	74	0	0	0	0	106
Upland Mixed Forest	342	0	0	28	0	0	0	0	0	370
Total	392	45	0	71	74	0	0	0	0	580

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	580	0	0	0	0	0	0	0	0	580
Next Step	0	0	0	0	0	0	580	0	0	580
Total	580	0	0	0	0	0	580	0	0	1161



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:

3	45014003-Cut	14.0	4319 - Mixed Upland Forest	Sawtimber Well	67	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription Specs:</u> Cut all trees down to 2" in DBH except do not cut pine, hemlock, yellow birch or oak. Stay out of patches of cedar and if the ash swale is to wet exclude it from the sale. Winter harvest between Dec 1. and March 31. If possible, create some brush piles during normal processing operations for hare habitat.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Acceptable regen includes aspen, birch, maple, spruce, fir, cedar and pine.</p> <p><u>Other Comment:</u> Sale boundary may change significantly once cedar and wet areas are excluded.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>											
19	45014019-Cut	44.8	4111 - S.Maple, Hard Mast Association	Sawtimber Well	110	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription Specs:</u> Remove all beech except where present try to leave 1-2 healthy looking beech per acre. Thin the rest of the stand to 60 BA. Maintain species diversity in the stand.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Acceptable regen includes maple, oak, beech, birch, pine.</p> <p><u>Other Comment:</u> This stand is not in the deer yard so no winter restriction is needed.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>											
27	45014027-Cut	27.6	42380 - Non Pine Upland Conifer, Mixed Deciduous	Sawtimber Well	89	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription Specs:</u> Cut all trees down to 2" in DBH except to not cut pine, hemlock, oak or yellow birch if they exists. Leave retention patches focused on areas of thick cedar canopy and areas of rock. Winter harvest between Dec 1 and March 31.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Acceptable regen is aspen, birch, maple, spruce, fir, cedar, pine.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>											



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

30	45014030-Cut	12.3	4134 - Aspen, Spruce/Fir	Sawtimber Well	60	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
-----------	---------------------	------	--------------------------	----------------	----	--------	---------	-------------------------	-------------	-----------	----

Prescription Specs: Cut all trees down to 2" in DBH. Do not cut cedar, pine, hemlock, yellow birch or oak. Retention for this stand will be a 66' or tree length wide strip along the wetland edge adjacent to the lake. Winter harvest Dec 1 through March 31.

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

Acceptable Regen: Acceptable regen includes aspen, birch, maple, ash, spruce, fir, pine and cedar.

Other Comment: Winter cut

Site Condition

Proposed Start Date: 10/1 /2024

31	45014031-Cut	27.3	42290 - Natural Mixed Pine	Sawtimber Well	97	111-140	Harvest	Seed Tree with Retention	4319 - Mixed Upland Forest	Two-Aged	No
-----------	---------------------	------	----------------------------	----------------	----	---------	---------	--------------------------	----------------------------	----------	----

Prescription Specs: Do not cut any cedar, hemlock, oak or yellow birch. Mark some pine to be left, focus on leaving an even mix of red and white pine. The residual BA target is 10-20 BA including leave species and designated pine. For everything else, harvest all deciduous trees and conifer trees 2" or more in DBH except red and white pine only cut those trees greater than 4" in DBH. Winter harvest between Dec. 1 and March 31.

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

Acceptable Regen: Acceptable regen includes aspen, spruce, fir, pine, cedar, maple.

Other Comment: Consider not requiring this stand to be cut in the winter, not much palatable in this stand???? While running the line include any area along the west line with stand 28 which are mixed enough to operate in.

Site Condition

Proposed Start Date: 10/1 /2024

33	45014033-Cut	15.2	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	80	81-110	Harvest	Seed Tree with Retention	4199 - Other Mixed Upland Deciduous	Two-Aged	No
-----------	---------------------	------	--	----------------	----	--------	---------	--------------------------	-------------------------------------	----------	----

Prescription Specs: Leave all oak and white pine. Cut all other trees down to 2" in DBH. Exclude areas of closed canopy cedar. Residual oak and white pine with serve as retention along with any pockets of cedar that are found. Winter harvest between Dec. 1 and March 31.

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

Acceptable Regen: Acceptable regen includes aspen, birch, maple, oak, spruce, fir , pine and cedar.

Other Comment: Treatment boundary may change a little as we attempt to include as much of the merchantable wood as possible and exclude areas of low BA or dominated by cedar and pine.

Site Condition

Proposed Start Date: 10/1 /2024



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
36 45014036-Cut	65.1	4319 - Mixed Upland Forest	Sawtimber Well	114	111-140	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription Specs:</u> Cut all trees that are greater than 2" in DBH. Do not cut pine, hemlock, yellow birch or oak. Exclude areas of closed canopy cedar that provide cover for wintering deer. Winter harvest between Dec. 1 and March 31 to provide food for wintering deer. If possible, create some brush piles along or near the boundary with stand 37 during normal processing operations for hare habitat.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Acceptable regen includes aspen, birch, spruce, fir, maple, cedar and pine.</p> <p><u>Other Comment:</u> Treatment size and shape may vary once areas of cedar are excluded. The current shape of the treatment reflects what was seen during inventory. It may be desirable to remove the mature aspen trees along the road through this entire stand even in areas not being CC.</p> <p><u>Site Condition</u> Proposed Start Date: 10/1 /2024</p>										
39 45014039-Cut	5.0	4137 - Aspen, Birch	Sawtimber Well	77	81-110	Harvest	Clearcut	413 - Aspen	Even-Aged	No
<p><u>Prescription Specs:</u> Cut all trees down to 2" in DBH. Do not cut cedar, pine, hemlock, yellow birch or oak. No other retention is needed due to the small treatment size. Winter harvest between Dec. 1 and March 31 to provide food for wintering deer.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Acceptable regen includes aspen, birch, maple, spruce, fir, cedar, pine.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u> Proposed Start Date: 10/1 /2024</p>										
46 45014046-Cut	187.8	4319 - Mixed Upland Forest	Sawtimber Well	88	51-80	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	No
<p><u>Prescription Specs:</u> Cut all trees down to 2" in DBH. Do not cut cedar, white pine, hemlock, yellow birch, or >18" DBH red pine. Leave a 100' treed buffer along the open wetland/pond edges (treatment shape reflects this). Also exclude any areas of closed canopy cedar. Retention will be the scattered leave trees along with the buffer strips and any areas of closed canopy cedar. The goal is to have at least 5 acres of patch retention in the bigger block of the stand. If there is not at least that in areas of closed canopy cedar, then work with WLD to determine the best layout for a retention patch. Winter harvest between Dec. 1 and march 31 to provide food for wintering deer. If possible, create some brush piles along or near the boundary with stand 35 during normal processing operations for hare habitat.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Acceptable regen includes aspen, spruce, fir, birch, maple, pine, cedar.</p> <p><u>Other Comment:</u> Treatment size and shape will vary after line work is completed. Avoid limestone bedrock glades or other rare natural community types when accessing stand (no new roads or reopening of brushed in roads in these types).</p> <p><u>Site Condition</u> Proposed Start Date: 10/1 /2024</p>										



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
58 45014058-Cut	74.9	4319 - Mixed Upland Forest	Sawtimber Well	40	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription Specs:</u> Cut all trees down to 2" in DBH. Do not cut pine, oak, hemlock or yellow birch. Exclude areas of closed canopy cedar from the harvest, these will serve as retention. Leave at least 2 cedar/acre where present as scattered trees in stand to maintain diversity. Winter harvest between Dec 1 and March 31 to provide food for wintering deer.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Acceptable regen includes aspen, spruce, fir, birch, tamarack, cedar, pine, maple.</p> <p><u>Other Comment:</u> Treatment size and shape may vary once areas of cedar are excluded. The area in the south part of the stand is more open canopy and should we used as the southern boundary of the treatmetn.</p> <p><u>Site Condition</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
60 45014060-Cut	28.0	4319 - Mixed Upland Forest	Sawtimber Well	116	111-140	Harvest	Seed Tree with Retention	4319 - Mixed Upland Forest	Two-Aged	No
<p><u>Prescription Specs:</u> Cut all trees down 2" except do not cut pine. Leave a patch unharvested to meet the 2-10% retention. Try to focus this on an area that is too rocky to harvest. Winter harvest between Dec 1 and March 31 to provide food for deer.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Acceptable regen includes aspen, birch, maple, oak, pine, cedar, spruce and fir.</p> <p><u>Other Comment:</u> Treatment size and shape may change if areas are found to be too rocky.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
61 45014061-Cut	73.6	429 - Mixed Upland Conifers	Sawtimber Well	112	111-140	Harvest	Shelterwood	4319 - Mixed Upland Forest	Two-Aged	No
<p><u>Prescription Specs:</u> Leave 20-30 BA of pine and cedar. Do not cut any oak, hemlock or yellow birch. These may be considered part of the 20-30 BA if they are present. Leave a 100' buffer strip along the wetland/pond as a wildlife corridor. There will be areas that are too rocky to harvest and they can be considered as long term retention in addition to the scattered trees being left. Winter harvest between Dec 1 and March 31 to provide food for deer.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Acceptable regen aspen, birch, maple, oak, pine, cedar, spruce and fir.</p> <p><u>Other Comment:</u> Treatment boundary is going to change when areas that are not operable are excluded.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										



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
62 45014062-Cut	4.8	429 - Mixed Upland Conifers	Sawtimber Well	116	51-80	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	No
<p><u>Prescription</u> Cut all trees down to 2" except do not but cedar, white pine, hemlock, yellow birch or oak. Leave a buffer along the ponds. Also, exclude areas of thick cedar canopy and those areas that are too rocky to harvest. Retention for this harvest will be in those excluded areas. Winter harvest between Dec. 1 and March 31 to provide food for wintering deer.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Acceptable regen includes aspen, spruce, fir, maple, birch, pine, cedar.</p> <p><u>Other Comment:</u> Treatment size and shape will vary once all areas are excluded. The center of this stand was determined to be a Limestone Bedrock Glade. A majority of the stand will be dropped except for a portion along the south as potential access to stand 46.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										

Total Treatment 580.4
Acres Proposed:

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Josh Brinks : Examiner

Compartment: 14

Year of Entry: 2025

Availability for Management

Total Acres	Acres Available	Acres Avail With Condition	Acres Not Available		Dominant Site Conditions									
					2B	2I	2G	2H	3A	3H	3J	3L	5E	
711	708	0	3	Aspen									3	
713	0	0	713	Cedar			93	12	10	598				
20	20	0	0	Lowland Shrub										
127	127	0	0	Marsh				0						
24	24	0	0	Mixed Upland Deciduous										
109	88	0	22	Natural Mixed Pines					22					
347	347	0	0	Northern Hardwood										
25	0	0	25	Red Pine					25					
37	0	0	37	Tamarack			37							
6	6	0	0	Treed Bog										
663	152	39	472	Upland Conifers	11	28			66	401	4			
696	503	75	117	Upland Mixed Forest		75			12	61	39			5
29	29	0	0	Upland Spruce/Fir										
119	119	0	0	Water										
3,626	2,123	114	1,389	Total Forested Acres	11	103	130	12	135	1,060	43	3		5
	59%	3%	38%	Relative Percent										

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
2	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Josh Brinks : Examiner

Compartment: 14

Year of Entry: 2025

3	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	70	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	59	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	39	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Standing water in this stand with a drainage through the middle.							
7	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	30	3J: Water quality / BMPs (stream, river, or lake)	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified
Comments: Cedar stand in the deer yard that acts as a buffer for the lake. Some areas have standing water and are very wet.							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Josh Brinks : Examiner

Compartment: 14

Year of Entry: 2025

8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	29	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	Unspecified	Unspecified	Unspecified
Comments: The ground in this stand is very wet and it also provides cover for deer.							
9	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	97	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	84	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	3L: Other wildlife concerns	3	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments: WLD has asked us to leave a 66' or tree length buffer on wetlands. This strip will serve as retention for the treatment.							
12	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	4	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Josh Brinks : Examiner

Compartment: 14

Year of Entry: 2025

13	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	Unspecified	Unspecified	Unspecified
Comments: Ground in this stand is very wet. The cedar does provide some cover for winter deer.							
14	Available	2B: Unknown if access through adjacent landowner(s) is possible	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	45	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	Unspecified	Unspecified	Unspecified
Comments: These stands are too wet to harvest. They also provide cover for wintering deer.							
16	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	12	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	Unspecified	Unspecified	Unspecified
Comments: Swamp island, no access and deer yard							
17	Unavailable	3A: Conservation Values incompatible with harvest at this time	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments: ERA							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Josh Brinks : Examiner

Compartment: 14

Year of Entry: 2025

18	Unavailable	3A: Conservation Values incompatible with harvest at this time	27	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	Unspecified	Unspecified	Unspecified
Comments: ERA, DWC							
19	Unavailable	3A: Conservation Values incompatible with harvest at this time	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: ERA							
20	Unavailable	3A: Conservation Values incompatible with harvest at this time	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: ERA							
21	Unavailable	3A: Conservation Values incompatible with harvest at this time	4	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	Unspecified	Unspecified	Unspecified
Comments: ERA and DWC							
22	Unavailable	3A: Conservation Values incompatible with harvest at this time	5	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	Unspecified	Unspecified	Unspecified
Comments: SCA and DWC							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Josh Brinks : Examiner

Compartment: 14

Year of Entry: 2025

23	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
24	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	81	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
25	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
26	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
27	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	121	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Josh Brinks : Examiner

Compartment: 14

Year of Entry: 2025

28	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	18	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
29	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
30	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	37	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
31	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	39	3L: Other wildlife concerns	5E: Long-Term Retention	Unspecified	Unspecified
Comments: Buffer being left along the ponds and wetlands as per BMP's and WLD. This are will serve as retention for the adjacent harvest.							
32	Unavailable	3A: Conservation Values incompatible with harvest at this time	26	3J: Water quality / BMPs (stream, river, or lake)	5E: Long-Term Retention	Unspecified	Unspecified
Comments: Middle of the stand is a bedrock glade. Buffer along the ponds that will serve as retention for the adjacent harvest.							
33	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	16	3K: Rare or unique landforms	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified
Comments: Great Lakes shoreline, and no access							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Josh Brinks : Examiner

Compartment: 14

Year of Entry: 2025

34	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	23	3A: Conservation Values incompatible with harvest at this time	Unspecified	Unspecified	Unspecified
Comments: Deer wintering area and buffer around the ERA.							
35	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
36	Unavailable	3A: Conservation Values incompatible with harvest at this time	25	5D: Unproductive Forest Land	Unspecified	Unspecified	Unspecified
Comments: Area has been determined by MNFI to be a Limestone Bedrock Glade. Very rocky ground with shallow soils.							
37	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	57	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
38	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	178	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: Deer yard and a buffer along the ponds							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Josh Brinks : Examiner

Compartment: 14

Year of Entry: 2025

39	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	122	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Pretty dense cedar cover in this stand.							
40	Available	2I: Survey needed	28	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
41	Available	2I: Survey needed	75	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
42	Unavailable	3A: Conservation Values incompatible with harvest at this time	22	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Area has been determined by MNFI to be a high quality example of a Northern Dry forest.							
43	Unavailable	3A: Conservation Values incompatible with harvest at this time	12	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: Leaving this area as a buffer around the bed rock glade.							
44	Unavailable	5E: Long-Term Retention	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Josh Brinks : Examiner

Compartment: 14

Year of Entry: 2025

45	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	4	3L: Other wildlife concerns	5E: Long-Term Retention	Unspecified	Unspecified
Comments: Leaving as a buffer strip along the seasonal pond that also acts as a good wildlife corridor and retention.							

Mgt. Unit

Compartment: #Type!

Year of Entry:



Report 5 – PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
----------	--------------	-------------	----------------	-------

Comments



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

Conservation Area	Type	Description
SCA	Great Lakes Islands	Great Lakes Islands provide significant habitat for numerous species, including many rare plants and animals, several of which are endemic or largely restricted to the Great Lakes region. Due to their isolation, islands provide good examples of many Great Lakes-associated natural communities and ecosystems, and thus have potential to provide insights for understanding the consequences of human disturbance on the increasingly fragmented ecosystems of the mainland.
SCA	Habitat Area	An area that provide some specific need for the life cycle of wildlife species, including State Wildlife Areas and Waterfowl Production Areas, deer wintering complexes in lowland conifer communities, grassland openings and savannas. Habitat areas are distinct from critical habitat designated for recovery of endangered or threatened species (such as Kirtland's warbler or piping plover areas) in that they are more general in nature, are not primarily associated with threatened or endangered species, and are not covered by species recovery plans that are developed in cooperation with Federal agencies.
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of natural communities that have been identified as Element Occurrences (EOs) by the Michigan Natural Features Inventory (MNFI) within the context of their natural community classification system. Element Occurrences with viability ranks of A (Excellent) or B (Good) and a Global (G) or State (S) element (rarity) ranking of endangered (1), threatened (2), or rare (3) serve as an initial base of ERAs. They may be located upon any ownership in the State. The system is comprised of individual or associations of natural community types that are managed for restoration and maintenance of natural ecological processes and values. The public may submit recommendations for lands as ERAs using the DNR Conservation Area Recommendation Form.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																	
1	6120 - Lowland Cedar	Poletimber Well	6.7	110	141-170	N/A	Wet stand of cedar with some upland ground along the edge of the hardwood stand.																																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>75</td> <td>Pole/Log</td> <td>8</td> <td>110</td> </tr> <tr> <td>Balsam Poplar</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	5	Pole	8		Quaking Aspen	5	Pole	8		Balsam Fir	5	Pole	6		Black Spruce	5	Pole	6		Northern White Cedar	75	Pole/Log	8	110	Balsam Poplar	5	Pole	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Black Ash</td> <td>Trace</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Low	5 - 10 feet	Tall Shrub	Black Ash	Trace	5 - 10 feet	Sapling	Balsam Fir	Low	Variable	Sapling		
Canopy Species	% Cover	Size Class	DBH	Age																																																				
Paper Birch	5	Pole	8																																																					
Quaking Aspen	5	Pole	8																																																					
Balsam Fir	5	Pole	6																																																					
Black Spruce	5	Pole	6																																																					
Northern White Cedar	75	Pole/Log	8	110																																																				
Balsam Poplar	5	Pole	8																																																					
Sub-Canopy Species	Density	Avg. Height	Size																																																					
Tag Alder	Low	5 - 10 feet	Tall Shrub																																																					
Black Ash	Trace	5 - 10 feet	Sapling																																																					
Balsam Fir	Low	Variable	Sapling																																																					
2	4111 - S.Maple, Hard Mast Association	Sawtimber Poor	10.7	110	1-50	N/A	Stand was last harvested as part of Big Block-O-Beech (45-011-15), beech removed except those marked with any color paint. There was a pocket of beech left in the western half of the stand. BA is very low with thick raspberry and beech brush.																																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Beech</td> <td>10</td> <td>Log/Pole</td> <td>13</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Log/Pole</td> <td>13</td> <td></td> </tr> <tr> <td>Hemlock</td> <td>10</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Sugar Maple</td> <td>70</td> <td>Log</td> <td>14</td> <td>110</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Beech	10	Log/Pole	13		Red Maple	10	Log/Pole	13		Hemlock	10	Log	14		Sugar Maple	70	Log	14	110	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Blackberry/Raspberry</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Striped Maple</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Sugar Maple</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Beech</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Blackberry/Raspberry	High	5 - 10 feet	Tall Shrub	Striped Maple	Medium	5 - 10 feet	Sapling	Sugar Maple	Medium	10 - 20 feet	Sapling	Beech	High	Variable	Sapling								
Canopy Species	% Cover	Size Class	DBH	Age																																																				
Beech	10	Log/Pole	13																																																					
Red Maple	10	Log/Pole	13																																																					
Hemlock	10	Log	14																																																					
Sugar Maple	70	Log	14	110																																																				
Sub-Canopy Species	Density	Avg. Height	Size																																																					
Blackberry/Raspberry	High	5 - 10 feet	Tall Shrub																																																					
Striped Maple	Medium	5 - 10 feet	Sapling																																																					
Sugar Maple	Medium	10 - 20 feet	Sapling																																																					
Beech	High	Variable	Sapling																																																					
3	4319 - Mixed Upland Forest	Sawtimber Well	19.6	67	81-110	N/A	The western part of the stand is dominated by aspen and fir. There are pockets of cedar in the stand. IN the SE the stand gets wetter and is dominated by ash and cedar.																																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>15</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>White Spruce</td> <td>5</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Hemlock</td> <td>1</td> <td>Log</td> <td>13</td> <td></td> </tr> <tr> <td>White Pine</td> <td>1</td> <td>Log</td> <td>15</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Black Ash</td> <td>3</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>30</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>40</td> <td>Pole/Log</td> <td>9</td> <td>67</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Balsam Fir	15	Pole	7		White Spruce	5	Pole/Log	8		Hemlock	1	Log	13		White Pine	1	Log	15		Paper Birch	5	Pole	8		Black Ash	3	Pole	6		Northern White Cedar	30	Log/Pole	12		Quaking Aspen	40	Pole/Log	9	67	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	Variable	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																				
Balsam Fir	15	Pole	7																																																					
White Spruce	5	Pole/Log	8																																																					
Hemlock	1	Log	13																																																					
White Pine	1	Log	15																																																					
Paper Birch	5	Pole	8																																																					
Black Ash	3	Pole	6																																																					
Northern White Cedar	30	Log/Pole	12																																																					
Quaking Aspen	40	Pole/Log	9	67																																																				
Sub-Canopy Species	Density	Avg. Height	Size																																																					
Balsam Fir	High	Variable	Sapling																																																					
4	6223 - Inundated Shrub Swamp	Nonstocked	3.9			No	Stand is filling in with cedar, tamarack and white pine. Lots of browse on the young cedar.																																																	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

5 4191 - Mixed Upland Deciduous with Conifer Poletimber Well 8.4 30 51-80 N/A

Pole size stand that is a mix of fir, aspen and maple. There are scattered larger cedar and hemlock. A mature pocket of hemlock and white pine exists in the west part of the stand.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Poplar	5	Pole/Sapling	5	
White Spruce	10	Pole/Sapling	6	
Northern White Cedar	5	Log/Pole	12	
Balsam Fir	20	Pole/Sapling	6	
Quaking Aspen	20	Pole/Sapling	5	30
Red Maple	5	Pole	8	
White Ash	5	Pole	6	
Sugar Maple	15	Pole/Sapling	5	30
Paper Birch	5	Pole	6	
Beech	5	Sapling	3	
Yellow Birch	5	Pole	6	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	Variable	Sapling
Striped Maple	Low	5 - 10 feet	Sapling
Sugar Maple	Medium	10 - 20 feet	Sapling

6 4111 - S.Maple, Hard Mast Association Sawtimber Medium 5.4 110 51-80 N/A

Last thinned as part of Three Spot Aspen/Hardwoods (45-004-05). The canopy is very open with thick regen of beech and striped maple. A few scattered nice oak.

Canopy Species	% Cover	Size Class	DBH	Age
Beech	10	Log/Pole	13	
Sugar Maple	72	Log	14	110
Red Oak	15	Log	12	
Northern White Cedar	2	Log	13	
Hemlock	1	Log	14	

Sub-Canopy Species	Density	Avg. Height	Size
Striped Maple	Medium	5 - 10 feet	Sapling
White Spruce	Low	< 5 feet	Sapling
Beech	High	5 - 10 feet	Sapling
Balsam Fir	Low	5 - 10 feet	Sapling
White Pine	Trace	5 - 10 feet	Sapling

7 42380 - Non Pine Upland Conifer, Mixed Deciduous Sawtimber Well 13.1 110 111-140 N/A

Concentration of mature hemlock and cedar. Most hemlock is to the north with more cedar in the south. Inclusions of hardwoods of varying size and age. It appears like some of the hardwood may have been harvested in the past.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Log	14	
Yellow Birch	5	Log	15	
Sugar Maple	10	Log	14	
Beech	10	Log	16	
Northern White Cedar	35	Log	13	

Sub-Canopy Species	Density	Avg. Height	Size
Beech	Low	5 - 10 feet	Sapling
Balsam Fir	Low	5 - 10 feet	Sapling
Striped Maple	Trace	5 - 10 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

8 6120 - Lowland Cedar Sawtimber Well 29.1 110 111-140 N/A Low and wet drainage system runs the entire length. Along the edges of the stand it is more upland. The ground between the root structures are soft and spongy with some standing water.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	1	Log	14		Balsam Fir	Medium	Variable	Sapling
Black Spruce	2	Pole	6					
White Spruce	2	Log/Pole	10					
Quaking Aspen	2	Log/Pole	11					
Northern White Cedar	85	Log/Pole	10	110				
Balsam Fir	2	Pole	6					
Paper Birch	2	Pole	8					
Yellow Birch	2	Pole	6					
Balsam Poplar	2	Pole	8					

9 42390 - Mixed Non-Pine Upland Conifers Sawtimber Well 84.0 110 171-200 N/A This is mostly an upland stand of mature cedar and aspen. The stand is terraced and transitions to lower ground as you head south and east. There are some low swampy areas within the stand especially in the southern corner along S. Shore road. The stand contains a high amount of CWD as the cedar and aspen dies or blows over. The aspen is very old and is dying out of the stand. This is a cover stand that contains almost no food resource for deer. The understory is mostly open and park like except for some areas of balsam fir where the canopy is slightly more open. In the southern end of the stand is a stream which flows out of the wetter stand 8.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	5	Pole	8		White Spruce	Low	Variable	Sapling
Balsam Poplar	5	Log/Pole	10		Aspen (spp.)	Low	< 5 feet	Sapling
Northern White Cedar	52	Log/Pole	12	110	Striped Maple	Low	5 - 10 feet	Sapling
White Spruce	5	Log/Pole	11		Balsam Fir	Low	Variable	Sapling
Balsam Fir	10	Pole	6					
Tamarack	5	Log/Pole	10					
Quaking Aspen	15	Log	14					
White Pine	3	Log	16					

10 4110 - Sugar Maple Association Sawtimber Well 194.0 110 81-110 N/A Sale 011-15, Beech removed except those marked with green paint.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	5	Log/Pole	12		Striped Maple	Medium	5 - 10 feet	Sapling
Sugar Maple	88	Log	14	110	Sugar Maple	Low	Variable	Sapling
Beech	5	Log	16		Beech	Medium	Variable	Sapling
Hemlock	2	Log/Pole	12		Blackberry/Raspberry	Low	< 5 feet	Tall Shrub

11 6239 - Mixed Emergent Wetland Nonstocked 2.2 Immature No Low area that is seasonally flooded. Dead trees scattered throughout.

12 4115 - Y.Birch, Hemlock NH Sawtimber Well 10.2 110 51-80 N/A Unique stand in that there is a good amount of yellow birch of descent quality. Sale 011-15 beech and aspen harvested except those marked with green paint. Areas where the beech and aspen were removed have regenerated to beech brush and raspberry. Areas with club moss have a decent amount of sugar maple seedlings.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Log	14		Striped Maple	Medium	5 - 10 feet	Sapling
Sugar Maple	65	Log	14	110	White Spruce	Low	< 5 feet	Sapling
Beech	5	Log/Pole	12		Sugar Maple	Low	< 5 feet	Seeding
Quaking Aspen	5	Log	16		Balsam Fir	Low	< 5 feet	Sapling
Yellow Birch	20	Log/Pole	12		Beech	High	5 - 10 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments					
13	6120 - Lowland Cedar	Sawtimber Well	69.8	122	141-170	N/A	This stand is dominated by cedar although some areas along the border are pretty mixed. The wetter ground has a decent amount of tamarack. There is a general flow of water going through this stand from north to south. In some places there is a visible flowing streams, in others it just works its way through the stand.					
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size		
Yellow Birch		2	Pole	6		Yellow Birch		Trace	Variable	Sapling		
Tamarack		10	Pole	8		Black Ash		Trace	Variable	Sapling		
Balsam Fir		10	Pole	7		Balsam Fir		Medium	Variable	Sapling		
Black Spruce		5	Pole	7								
Northern White Cedar		56	Log/Pole	13	122							
American Elm		1	Pole	8								
Paper Birch		5	Pole	8								
Balsam Poplar		5	Pole	7								
Quaking Aspen		5	Log	14								
White Pine		1	Log	12								
14	4134 - Aspen, Spruce/Fir	Poletimber Well	88.4	32	Immature	N/A		Good stand of aspen. In the Sothern part of the stand is a rock knob. The trees here are smaller in DBH and the canopy is more open. You can find some cedar regenerating here.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species			Density	Avg. Height	Size	
White Ash		3	Sapling/Pole	4		Northern White Cedar			Low	Variable	Sapling	
Tamarack		1	Pole/Sapling	5		Aspen (spp.)			Medium	Variable	Sapling	
Balsam Fir		20	Pole/Sapling	5		Beech			Trace	< 5 feet	Sapling	
White Spruce		5	Sapling/Pole	4		Balsam Fir			Medium	Variable	Sapling	
Quaking Aspen		36	Pole/Sapling	5	32	Sugar Maple			Trace	5 - 10 feet	Sapling	
Bigtooth Aspen		20	Pole/Sapling	5		Striped Maple			Low	5 - 10 feet	Sapling	
Balsam Poplar		5	Sapling	3								
Northern White Cedar		10	Pole	8								
15	6229 - Mixed lowland shrub	Nonstocked	2.8		Immature	No						
16	6121 - Tamarack	Poletimber Well	7.1	75	81-110	N/A	Tamarack stand that is right on the edge of pole and log. The stand is very wet and likely too wet to harvest. There is a drainage that runs North-South through the stand.					
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species			Density	Avg. Height	Size	
Paper Birch		3	Pole	5		Northern White Cedar		Low	Variable	Sapling		
Black Spruce		5	Pole	7		Paper Birch		Low	10 - 20 feet	Sapling		
Tamarack		80	Pole/Log	9	75	Balsam Fir		Medium	Variable	Sapling		
Northern White Cedar		10	Pole	7								
Quaking Aspen		2	Pole	6								
17	622 - Lowland Shrub	Nonstocked	13.3	0		No	Lowland shrub with open pockets that are seasonally flooded.					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

18	4135 - Aspen, Cedar	Sapling Well	20.7	11	Immature	N/A	Cut in 2011 as part of Three Spot Aspen/Hdwd (4500405) cedar reserve also the old Maki homestead is on the eastern edge of cut.
-----------	---------------------	--------------	------	----	----------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	20	Pole/Log	8	100
Bigtooth Aspen	25	Sapling	2	
Quaking Aspen	40	Sapling	2	11
Balsam Fir	10	Sapling	1	
White Spruce	5	Sapling	1	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	Variable	Sapling
Beech	Trace	5 - 10 feet	Sapling

19	4111 - S.Maple, Hard Mast Association	Sawtimber Well	44.8	110	81-110	N/A	Hardwood stand with a decent amount of beech. The beech has BBD, most of it is still alive at this point but is declining. The beech is mostly concentrated in the center of the stand with the perimeter being dominated by sugar maple.
-----------	---------------------------------------	----------------	------	-----	--------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	3	Pole	6	
White Spruce	1	Pole	6	
Hemlock	1	Log	14	
Quaking Aspen	1	Log/Pole	10	
White Ash	2	Pole	6	
Beech	15	Log/Pole	13	
Yellow Birch	5	Pole	8	
Sugar Maple	71	Log/Pole	13	110
Ironwood	1	Pole	5	

Sub-Canopy Species	Density	Avg. Height	Size
Ironwood	Low	Variable	Sapling
Striped Maple	Low	5 - 10 feet	Sapling
Beech	Medium	5 - 10 feet	Sapling
Balsam Fir	Low	Variable	Sapling

20	4111 - S.Maple, Hard Mast Association	Sawtimber Well	4.0	110	81-110	N/A	Some deer browse on the maple regen in this stand. The canopy is sitting around 70-80 BA with the beech slowly dying out of the stand.
-----------	---------------------------------------	----------------	-----	-----	--------	-----	--

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	70	Log/Pole	13	110
Yellow Birch	10	Log/Pole	11	
Quaking Aspen	5	Log	12	
Beech	10	Log/Pole	10	
Northern White Cedar	5	Pole/Log	8	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	5 - 10 feet	Sapling
Striped Maple	Medium	5 - 10 feet	Sapling
Beech	High	5 - 10 feet	Sapling

21	6224 - Treed Bog	Nonstocked	6.3			No	Open canopy sapling size cedar.
-----------	------------------	------------	-----	--	--	----	---------------------------------

22	6120 - Lowland Cedar	Poletimber Well	44.9	125	141-170	N/A	Typical low cedar swamp.
-----------	----------------------	-----------------	------	-----	---------	-----	--------------------------

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	5	Log	14	
Paper Birch	5	Pole	8	
Tamarack	10	Pole	9	
Northern White Cedar	80	Pole/Log	8	125

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	Variable	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
23	4130 - Aspen	Sapling Well	16.9	15	Immature	N/A	Cut as part of Three Spot Aspen/Hardwood (45-004-05) in 2008. Good aspen regen with some maple and striped maple mixed in. Scattered cedar and pine.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species			
Balsam Fir		5	Sapling/Pole	3		Balsam Fir			
Paper Birch		5	Sapling	2		Sugar Maple			
Quaking Aspen		69	Sapling	2	15	White Spruce			
Balsam Poplar		5	Sapling	1		Striped Maple			
Yellow Birch		1	Sapling/Pole	4		Beech			
Northern White Cedar		5	Pole/Log	9					
Red Maple		5	Sapling	1					
White Spruce		5	Pole/Sapling	5					
24	42360 - Upland Cedar	Sawtimber Well	39.3	106	141-170	N/A		Variable cedar stand. In some areas the canopy is dense and the understory is open and park like. Other areas have a decent amount of fir. The variability is tied to soil depth and the amount of water at the surface.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species			
Northern White Cedar		60	Log/Pole	11	106	Balsam Fir			
Red Pine		5	Log	14					
Black Spruce		5	Log/Pole	10					
Paper Birch		5	Log/Pole	10					
Balsam Poplar		5	Log/Pole	13					
White Pine		5	Log	16					
Quaking Aspen		10	Log	15					
Tamarack		5	Pole/Log	9					
25	6120 - Lowland Cedar	Sawtimber Well	29.6	121	171-200	N/A	This stand surrounds Maki Lake. I saw it from the east side and in the north near the hardwood stand. There is large cedar in this stand. In the north there is a pocket of pole sized tamarack. There was ponded water throughout the stand.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species			
Quaking Aspen		5	Log/Pole	11		Balsam Fir			
White Spruce		5	Log/Pole	11		Yellow Birch			
Northern White Cedar		75	Log/Pole	12	121	Black Ash			
Tamarack		5	Pole	8					
Balsam Fir		5	Pole	6					
Black Spruce		5	Pole	8					
26	4134 - Aspen, Spruce/Fir	Sapling Well	18.1	25	Immature	N/A		Stand was cut as part of Pats Lake Annex (45-009-96) which was closed in 1998. Everything was cut except for oak and cedar which did not contain at least 2 sticks. This part of the unit regenerated to decent aspen while the adjacent stand is more conifers. There are some scattered pine that have regenerated since the harvest as well.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species			
Balsam Fir		10	Sapling	3		White Spruce			
Quaking Aspen		43	Sapling	2	25	Juniper			
Red Oak		1	Log	12		White Pine			
Bigtooth Aspen		25	Sapling	2	25	Balsam Fir			
Northern White Cedar		1	Log/Pole	12		Striped Maple			
Red Pine		5	Sapling	3		Red Pine			
White Pine		5	Sapling	3					
White Spruce		10	Sapling	3					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

27 42380 - Non Pine Upland Conifer, Mixed Deciduous Sawtimber Well 27.6 89 81-110 N/A

Bedrock is fairly close to the surface in this stand with some scattered rock ledges and boulders. This stand is fairly mixed but is dominated by aspen, spruce/fir with cedar. The fir is starting to fall out of the stand.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	35	Log/Pole	13	89
White Pine	5	Log	14	
White Spruce	15	Log/Pole	11	
Northern White Cedar	25	Log/Pole	11	132
Balsam Fir	20	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	Variable	Sapling
Northern White Cedar	Trace	< 5 feet	Sapling

28 42380 - Non Pine Upland Conifer, Mixed Deciduous Sawtimber Well 58.7 109 141-170 N/A

This stand is dominated by cedar. Some areas are open and park like in the understory. Some of the areas where it is more mixed with aspen you get a thicker understory of fir. The ground is very rocky. There are large white pine scattered throughout the stand.

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	5	Log	16	
Red Pine	2	Log/Pole	13	
Paper Birch	5	Pole	8	
Red Maple	1	Log/Pole	11	
Balsam Fir	5	Pole	6	
Quaking Aspen	10	Log	15	
Bigtooth Aspen	10	Log	15	
Balsam Poplar	5	Pole	8	
White Spruce	5	Log/Pole	11	

Sub-Canopy Species	Density	Avg. Height	Size
Aspen (spp.)	Trace	5 - 10 feet	Sapling
Northern White Cedar	Trace	5 - 10 feet	Sapling
Striped Maple	Trace	5 - 10 feet	Sapling
Balsam Fir	Medium	Variable	Sapling

29 4112 - Maple, Beech, Cherry Association Sawtimber Poor 9.8 110 1-50 N/A

This stand is of poor quality. There is a fairly open canopy of log sized maple and beech with thick regen of ironwood and beech. The maple is showing signs of dieback and the beech is falling apart from beech bark disease. Lots of snags in this stand.

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	5	Pole	8	
Sugar Maple	40	Log/Pole	12	
White Ash	10	Log/Pole	12	
Beech	40	Log/Pole	12	110
Quaking Aspen	5	Pole	9	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Low	>20 feet	Sapling
Beech	High	>20 feet	Sapling
Ironwood	Medium	>20 feet	Sapling
Balsam Fir	Low	5 - 10 feet	Sapling

30 4134 - Aspen, Spruce/Fir Sawtimber Well 17.2 60 81-110 N/A

Decent stand of aspen with balsam fir. There is a 1-2 acre patch of hardwood in the NW corner of this stand.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Poplar	5	Pole	6	
Balsam Fir	15	Pole	6	
White Spruce	10	Pole/Log	9	
Paper Birch	5	Log/Pole	10	
Northern White Cedar	5	Log/Pole	11	
Beech	2	Pole	7	
Sugar Maple	5	Pole/Log	9	
White Ash	5	Pole	7	
Quaking Aspen	48	Log/Pole	12	60

Sub-Canopy Species	Density	Avg. Height	Size
Beech	Low	Variable	Sapling
Ironwood	Low	Variable	Sapling
White Spruce	Low	Variable	Sapling
Sugar Maple	Low	5 - 10 feet	Sapling
Balsam Fir	Medium	Variable	Sapling
Striped Maple	Low	5 - 10 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

31 42290 - Natural Mixed Pine Sawtimber Well 27.3 97 111-140 N/A This is a stand of mixed white and red pine with scattered cedar and aspen. The ground is fairly rocky but operable.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	5	Log/Pole	13		Balsam Fir	Low	Variable	Sapling
Balsam Fir	5	Pole	6		Striped Maple	Trace	5 - 10 feet	Sapling
White Spruce	5	Pole	8		White Pine	Trace	< 5 feet	Sapling
White Pine	30	Log	14					
Red Pine	30	Log	14	97				
Bigtooth Aspen	10	Log	14					
Paper Birch	5	Log/Pole	11					
Northern White Cedar	10	Log/Pole	12					

32 4134 - Aspen, Spruce/Fir Poletimber Well 60.6 47 51-80 N/A Pole sized aspen stand. It may be ready in 10-20 years.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	35	Pole/Sapling	5	47	Beech	Trace	5 - 10 feet	Sapling
Balsam Poplar	5	Sapling	2		Northern White Cedar	Trace	< 5 feet	Sapling
Bigtooth Aspen	15	Pole/Sapling	5		Hazelnut (Spp.)	Low	5 - 10 feet	Tall Shrub
White Spruce	10	Pole/Sapling	5		Balsam Fir	Medium	Variable	Sapling
Northern White Cedar	10	Pole	6					
Paper Birch	5	Pole	6					
Balsam Fir	20	Pole/Sapling	5					

33 4191 - Mixed Upland Deciduous with Conifer Sawtimber Well 15.2 80 81-110 N/A Split this off from the stand to the west. This area is a mix of mature trees (maple, oak, aspen and pine) with a relatively thick understory of balsam fir. Some areas have a more open canopy and a thicker fir understory.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	5	Pole	8		Aspen (spp.)	Low	Variable	Sapling
Paper Birch	10	Pole	8		Striped Maple	Low	5 - 10 feet	Sapling
White Pine	10	Log	15	80	White Spruce	Medium	Variable	Sapling
Red Oak	15	Log/Pole	12		Balsam Fir	Medium	Variable	Sapling
White Spruce	10	Pole/Sapling	5					
Balsam Fir	10	Pole	7					
Quaking Aspen	10	Log/Pole	12					
Sugar Maple	15	Log/Pole	12					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

34	4136 - Aspen, Mixed Conifer	Sapling Well	189.9	23	Immature	N/A	Cut as part of North Pats Lake Aspen (45-15-95) Sale was closed in 2001. Nice looking stand of immature aspen. There are scattered pine and cedar throughout the stand. In areas with very little soil there is more conifer regen and the diameters are smaller.
-----------	-----------------------------	--------------	-------	----	----------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	2	Sapling	2	
Northern White Cedar	5	Log/Pole	11	
White Pine	5	Log	14	
Quaking Aspen	60	Sapling/Pole	3	23
Balsam Poplar	10	Sapling	3	
Bigtooth Aspen	10	Sapling	2	
Red Pine	5	Log	14	
White Spruce	3	Sapling	2	

Sub-Canopy Species	Density	Avg. Height	Size
Striped Maple	Low	5 - 10 feet	Sapling
Balsam Fir	Medium	5 - 10 feet	Sapling
White Pine	Low	< 5 feet	Sapling
Red Pine	Low	5 - 10 feet	Sapling
White Spruce	Low	< 5 feet	Sapling

35	42360 - Upland Cedar	Sawtimber Well	120.6	110	171-200	N/A	In 2023 most of the time in this stand was spent in the NW corner with other areas being seen from the edges or the roads. In that location it was mostly open, and park like cedar. There are some areas of lowland cedar mixed with tamarack along the edges of the ponds and wetlands. Fair amount of aspen in the canopy throughout.
-----------	----------------------	----------------	-------	-----	---------	-----	--

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	10	Log/Pole	11	
Northern White Cedar	65	Log/Pole	11	110
White Spruce	5	Log/Pole	11	
Balsam Poplar	5	Log/Pole	13	
Balsam Fir	5	Pole	6	
Paper Birch	5	Pole	8	
White Pine	5	Log/Pole	12	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	Variable	Sapling

36	4319 - Mixed Upland Forest	Sawtimber Well	122.4	114	111-140	N/A	This stand is a real mix of aspen and cedar, deer are wintering here, some of the aspen ridges have been cut many years ago but there is no distinct stands types, contains some lowland areas. The stand is more mixed and operable at the north end. More cedar to the south.
-----------	----------------------------	----------------	-------	-----	---------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age
White Spruce	5	Pole	8	
Northern White Cedar	40	Log/Pole	12	114
Balsam Poplar	5	Pole	9	
White Pine	1	Log	14	
Quaking Aspen	35	Log	14	
Paper Birch	5	Pole	8	
Balsam Fir	9	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	Variable	Sapling

37	6120 - Lowland Cedar	Sawtimber Well	83.5	132	171-200	N/A	Long, narrow stand bordering on the west side of Pat's Lake. Some of the more upland areas have larger trees. There are old ice roads along the shoreline.
-----------	----------------------	----------------	------	-----	---------	-----	--

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	80	Log/Pole	11	132
Tamarack	5	Pole	8	
White Pine	5	Log	12	
Balsam Poplar	5	Pole	6	
Paper Birch	5	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	Variable	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																	
38	6121 - Tamarack	Poletimber Well	18.0	77	81-110	N/A	Lowland stand of tamarack with a stream flowing through the middle. There are several spring at the north end of the stand where the stream starts from.																																																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Tamarack</td> <td>65</td> <td>Pole</td> <td>7</td> <td>77</td> </tr> <tr> <td>Northern White Cedar</td> <td>25</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Tamarack	65	Pole	7	77	Northern White Cedar	25	Pole/Log	8		Black Spruce	10	Pole	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tamarack</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tamarack	Medium	Variable	Sapling																																									
Canopy Species	% Cover	Size Class	DBH	Age																																																																				
Tamarack	65	Pole	7	77																																																																				
Northern White Cedar	25	Pole/Log	8																																																																					
Black Spruce	10	Pole	6																																																																					
Sub-Canopy Species	Density	Avg. Height	Size																																																																					
Tamarack	Medium	Variable	Sapling																																																																					
39	4137 - Aspen, Birch	Sawtimber Well	5.0	77	81-110	N/A	A mix of aspen and birch. Not sure why this was left when the adjacent stand was harvested.																																																																	
40	6239 - Mixed Emergent Wetland	Nonstocked	4.0		Unspecified	No	Lowland stand that is seasonally flooded.																																																																	
41	6120 - Lowland Cedar	Sawtimber Well	177.5	132	Unspecified	N/A	Mostly a cedar stand that borders the lake and wetlands. There are some mixed areas that looked harvested in the past with thick pole sized balsam fir. There is also a small patch of tamarack and another small patch of aspen in this stand. I considered it to be mostly a lowland stand with areas of upland.																																																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>50</td> <td>Log/Pole</td> <td>11</td> <td>132</td> </tr> <tr> <td>Balsam Poplar</td> <td>5</td> <td>Pole</td> <td>9</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>White Spruce</td> <td>10</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>5</td> <td>Pole/Log</td> <td>10</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Log</td> <td>14</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	5	Pole	6		Balsam Fir	10	Pole	8		Northern White Cedar	50	Log/Pole	11	132	Balsam Poplar	5	Pole	9		Tamarack	5	Pole	8		White Spruce	10	Log/Pole	11		Quaking Aspen	5	Pole/Log	10		Paper Birch	5	Pole	8		White Pine	5	Log	14		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	Variable	Sapling											
Canopy Species	% Cover	Size Class	DBH	Age																																																																				
Black Spruce	5	Pole	6																																																																					
Balsam Fir	10	Pole	8																																																																					
Northern White Cedar	50	Log/Pole	11	132																																																																				
Balsam Poplar	5	Pole	9																																																																					
Tamarack	5	Pole	8																																																																					
White Spruce	10	Log/Pole	11																																																																					
Quaking Aspen	5	Pole/Log	10																																																																					
Paper Birch	5	Pole	8																																																																					
White Pine	5	Log	14																																																																					
Sub-Canopy Species	Density	Avg. Height	Size																																																																					
Balsam Fir	High	Variable	Sapling																																																																					
42	6239 - Mixed Emergent Wetland	Nonstocked	2.7		Unspecified	No	Lowland area that is seasonally flooded.																																																																	
43	6239 - Mixed Emergent Wetland	Nonstocked	50.3		Unspecified	No																																																																		
44	4136 - Aspen, Mixed Conifer	Sapling Well	153.9	13	Immature	N/A	This stand was cut as part of Canoe Bay Aspen (45-003-05) in 2009. Regen came back great. There are scattered, mature cedar and pine. Along the east side there is an area where aspen did not regen great and is mostly grass with dogwood,																																																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Spruce</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>48</td> <td>Sapling</td> <td>1</td> <td>13</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>10</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Balsam Poplar</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>White Pine</td> <td>2</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>15</td> <td>Pole</td> <td>8</td> <td>113</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Spruce	5	Sapling	1		Quaking Aspen	48	Sapling	1	13	Bigtooth Aspen	10	Sapling	1		Balsam Poplar	5	Sapling	1		Balsam Fir	10	Sapling	2		Paper Birch	5	Sapling	1		White Pine	2	Log	14		Northern White Cedar	15	Pole	8	113	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Northern White Cedar</td> <td>Trace</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Striped Maple</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Osier Dogwood</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Northern White Cedar	Trace	< 5 feet	Sapling	Striped Maple	Medium	5 - 10 feet	Sapling	Red Osier Dogwood	Low	5 - 10 feet	Tall Shrub	Balsam Fir	Medium	< 5 feet	Sapling				
Canopy Species	% Cover	Size Class	DBH	Age																																																																				
White Spruce	5	Sapling	1																																																																					
Quaking Aspen	48	Sapling	1	13																																																																				
Bigtooth Aspen	10	Sapling	1																																																																					
Balsam Poplar	5	Sapling	1																																																																					
Balsam Fir	10	Sapling	2																																																																					
Paper Birch	5	Sapling	1																																																																					
White Pine	2	Log	14																																																																					
Northern White Cedar	15	Pole	8	113																																																																				
Sub-Canopy Species	Density	Avg. Height	Size																																																																					
Northern White Cedar	Trace	< 5 feet	Sapling																																																																					
Striped Maple	Medium	5 - 10 feet	Sapling																																																																					
Red Osier Dogwood	Low	5 - 10 feet	Tall Shrub																																																																					
Balsam Fir	Medium	< 5 feet	Sapling																																																																					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																									
45	4136 - Aspen, Mixed Conifer	Sapling Well	63.2	23	Immature	N/A	Stand was cut as part of North Pats Lake Aspen (45-015-95) which was closed in 2001. Nice stand of immature aspen with scattered log sized pine and cedar.																																																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>White Spruce</td><td>3</td><td>Sapling</td><td>2</td><td></td></tr> <tr><td>Red Pine</td><td>5</td><td>Log</td><td>14</td><td></td></tr> <tr><td>Balsam Fir</td><td>2</td><td>Sapling</td><td>2</td><td></td></tr> <tr><td>Bigtooth Aspen</td><td>10</td><td>Sapling</td><td>2</td><td></td></tr> <tr><td>Quaking Aspen</td><td>70</td><td>Sapling</td><td>2</td><td>23</td></tr> <tr><td>Northern White Cedar</td><td>5</td><td>Log/Pole</td><td>11</td><td></td></tr> <tr><td>White Pine</td><td>5</td><td>Log/Pole</td><td>12</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		White Spruce	3	Sapling	2		Red Pine	5	Log	14		Balsam Fir	2	Sapling	2		Bigtooth Aspen	10	Sapling	2		Quaking Aspen	70	Sapling	2	23	Northern White Cedar	5	Log/Pole	11		White Pine	5	Log/Pole	12		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr><td>White Spruce</td><td>Low</td><td>5 - 10 feet</td><td>Sapling</td></tr> <tr><td>Red Pine</td><td>Low</td><td>< 5 feet</td><td>Sapling</td></tr> <tr><td>White Pine</td><td>Low</td><td>< 5 feet</td><td>Sapling</td></tr> <tr><td>Balsam Fir</td><td>Low</td><td>5 - 10 feet</td><td>Sapling</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Spruce	Low	5 - 10 feet	Sapling	Red Pine	Low	< 5 feet	Sapling	White Pine	Low	< 5 feet	Sapling	Balsam Fir	Low	5 - 10 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																												
White Spruce	3	Sapling	2																																																													
Red Pine	5	Log	14																																																													
Balsam Fir	2	Sapling	2																																																													
Bigtooth Aspen	10	Sapling	2																																																													
Quaking Aspen	70	Sapling	2	23																																																												
Northern White Cedar	5	Log/Pole	11																																																													
White Pine	5	Log/Pole	12																																																													
Sub-Canopy Species	Density	Avg. Height	Size																																																													
White Spruce	Low	5 - 10 feet	Sapling																																																													
Red Pine	Low	< 5 feet	Sapling																																																													
White Pine	Low	< 5 feet	Sapling																																																													
Balsam Fir	Low	5 - 10 feet	Sapling																																																													
46	4319 - Mixed Upland Forest	Sawtimber Well	244.2	88	51-80	N/A	This stand is fairly mixed and variable. The soils are generally thin across this stand. In general the stand is a mix of aspen, birch, spruce, fir with scattered pine and cedar. There are some patches of cedar. In some spots it is pine over small pole sized fir. The stand is old and showing signs of falling apart.																																																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>White Spruce</td><td>20</td><td>Pole/Log</td><td>9</td><td></td></tr> <tr><td>White Pine</td><td>5</td><td>Log/Pole</td><td>12</td><td></td></tr> <tr><td>Northern White Cedar</td><td>5</td><td>Log/Pole</td><td>12</td><td></td></tr> <tr><td>Tamarack</td><td>5</td><td>Pole</td><td>8</td><td></td></tr> <tr><td>Quaking Aspen</td><td>30</td><td>Log/Pole</td><td>12</td><td>88</td></tr> <tr><td>Red Pine</td><td>5</td><td>Log/Pole</td><td>12</td><td>115</td></tr> <tr><td>Balsam Fir</td><td>15</td><td>Pole</td><td>6</td><td></td></tr> <tr><td>Paper Birch</td><td>15</td><td>Pole/Log</td><td>8</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		White Spruce	20	Pole/Log	9		White Pine	5	Log/Pole	12		Northern White Cedar	5	Log/Pole	12		Tamarack	5	Pole	8		Quaking Aspen	30	Log/Pole	12	88	Red Pine	5	Log/Pole	12	115	Balsam Fir	15	Pole	6		Paper Birch	15	Pole/Log	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr><td>White Spruce</td><td>Medium</td><td>Variable</td><td>Sapling</td></tr> <tr><td>Balsam Fir</td><td>Medium</td><td>Variable</td><td>Sapling</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Spruce	Medium	Variable	Sapling	Balsam Fir	Medium	Variable	Sapling			
Canopy Species	% Cover	Size Class	DBH	Age																																																												
White Spruce	20	Pole/Log	9																																																													
White Pine	5	Log/Pole	12																																																													
Northern White Cedar	5	Log/Pole	12																																																													
Tamarack	5	Pole	8																																																													
Quaking Aspen	30	Log/Pole	12	88																																																												
Red Pine	5	Log/Pole	12	115																																																												
Balsam Fir	15	Pole	6																																																													
Paper Birch	15	Pole/Log	8																																																													
Sub-Canopy Species	Density	Avg. Height	Size																																																													
White Spruce	Medium	Variable	Sapling																																																													
Balsam Fir	Medium	Variable	Sapling																																																													
47	500 - Water	Nonstocked	51.0		Unspecified	No																																																										
48	6239 - Mixed Emergent Wetland	Nonstocked	21.5		Unspecified	No	Lowland stand that is seasonally flooded.																																																									
49	6120 - Lowland Cedar	Poletimber Well	36.8	122	141-170	N/A	Drainage system that is pretty wet in the middle and then transitions to uplands along the edges.																																																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>Balsam Poplar</td><td>5</td><td>Pole</td><td>8</td><td></td></tr> <tr><td>Balsam Fir</td><td>5</td><td>Pole</td><td>6</td><td></td></tr> <tr><td>White Spruce</td><td>5</td><td>Pole/Log</td><td>8</td><td></td></tr> <tr><td>Northern White Cedar</td><td>75</td><td>Pole/Log</td><td>8</td><td>122</td></tr> <tr><td>Quaking Aspen</td><td>10</td><td>Log/Pole</td><td>11</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Balsam Poplar	5	Pole	8		Balsam Fir	5	Pole	6		White Spruce	5	Pole/Log	8		Northern White Cedar	75	Pole/Log	8	122	Quaking Aspen	10	Log/Pole	11		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr><td>Balsam Fir</td><td>Medium</td><td>Variable</td><td>Sapling</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	Variable	Sapling																						
Canopy Species	% Cover	Size Class	DBH	Age																																																												
Balsam Poplar	5	Pole	8																																																													
Balsam Fir	5	Pole	6																																																													
White Spruce	5	Pole/Log	8																																																													
Northern White Cedar	75	Pole/Log	8	122																																																												
Quaking Aspen	10	Log/Pole	11																																																													
Sub-Canopy Species	Density	Avg. Height	Size																																																													
Balsam Fir	Medium	Variable	Sapling																																																													
50	6121 - Tamarack	Poletimber Well	4.7	77	Unspecified	N/A																																																										
51	6239 - Mixed Emergent Wetland	Nonstocked	19.4		Immature	No	Miller Lake. some ash growing in wetland but in rough shape																																																									



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																							
52	42360 - Upland Cedar	Poletimber Well	18.7	150	111-140	N/A	Borders Lake Huron, lots of public use, camping, illegal orv trail along west side near the shore, the camping area is a grassy area with several campsites and seems to be an old camp or homestead, cellar found but nothing else,																																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Balsam Poplar</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>70</td> <td>Pole/Log</td> <td>8</td> <td>150</td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>White Spruce</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>White Pine</td> <td>3</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>2</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>8</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>2</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Balsam Poplar	5	Pole	6		Northern White Cedar	70	Pole/Log	8	150	Balsam Fir	5	Pole	6		White Spruce	5	Pole	8		White Pine	3	Log	14		Tamarack	2	Pole	6		Quaking Aspen	8	Pole/Log	8		Paper Birch	2	Pole	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Low	< 5 feet	Sapling	Balsam Fir	Low	Variable	Sapling		
Canopy Species	% Cover	Size Class	DBH	Age																																																										
Balsam Poplar	5	Pole	6																																																											
Northern White Cedar	70	Pole/Log	8	150																																																										
Balsam Fir	5	Pole	6																																																											
White Spruce	5	Pole	8																																																											
White Pine	3	Log	14																																																											
Tamarack	2	Pole	6																																																											
Quaking Aspen	8	Pole/Log	8																																																											
Paper Birch	2	Pole	6																																																											
Sub-Canopy Species	Density	Avg. Height	Size																																																											
Black Spruce	Low	< 5 feet	Sapling																																																											
Balsam Fir	Low	Variable	Sapling																																																											
53	6239 - Mixed Emergent Wetland	Nonstocked	4.2		Unspecified	No	Seasonally flooded.																																																							
54	42370 - Upland Cedar, Aspen	Poletimber Well	12.3	172	Unspecified	N/A	Island between Vanio Lake and Canoe Lake, no access.																																																							
55	6239 - Mixed Emergent Wetland	Nonstocked	12.5		Unspecified	No	Seasonally flooded.																																																							
56	500 - Water	Nonstocked	67.7			No	Beaver Dam Pond. Seasonally flooded. The north end holds more water than the south.																																																							
57	4319 - Mixed Upland Forest	Sapling Well	43.6	30	1-50	N/A	Cut as part of sale 45-021-86 which was closed in 1993. There are clumps of mature timber left throughout the stand. Adjacent to the wetland you will also find mature cedar and other tree species that were left.																																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>30</td> <td>Sapling/Pole</td> <td>4</td> <td>30</td> </tr> <tr> <td>Balsam Fir</td> <td>20</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>White Spruce</td> <td>10</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Balsam Poplar</td> <td>20</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	30	Sapling/Pole	4	30	Balsam Fir	20	Sapling	3		White Spruce	10	Sapling	3		White Pine	5	Log	12		Balsam Poplar	20	Sapling	3		Paper Birch	5	Sapling/Pole	4		Northern White Cedar	10	Log/Pole	10		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Northern White Cedar</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	Variable	Sapling	Northern White Cedar	Low	5 - 10 feet	Sapling							
Canopy Species	% Cover	Size Class	DBH	Age																																																										
Quaking Aspen	30	Sapling/Pole	4	30																																																										
Balsam Fir	20	Sapling	3																																																											
White Spruce	10	Sapling	3																																																											
White Pine	5	Log	12																																																											
Balsam Poplar	20	Sapling	3																																																											
Paper Birch	5	Sapling/Pole	4																																																											
Northern White Cedar	10	Log/Pole	10																																																											
Sub-Canopy Species	Density	Avg. Height	Size																																																											
Balsam Fir	Medium	Variable	Sapling																																																											
Northern White Cedar	Low	5 - 10 feet	Sapling																																																											



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
58	4319 - Mixed Upland Forest	Sawtimber Well	154.6	40	81-110	N/A	The southern portion of this stand seems to have some more recent harvesting that occurred around 40 years ago. Here the canopy is more open with scattered cedar and aspen. The northern part of the stand is more closed canopy and is a mature mix of aspen and cedar.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Northern White Cedar		30	Pole/Log	11	113	Balsam Fir		
Bigtooth Aspen		5	Pole	10		Northern White Cedar		
Balsam Fir		10	Pole	6		White Spruce		
White Pine		5	Pole/Log	11				
Balsam Poplar		5	Pole	6				
Paper Birch		5	Pole	6				
Quaking Aspen		30	Log/Pole	10	40			
White Spruce		10	Pole	6				
59	6233 - Wet Meadow	Nonstocked	9.2			No	dry lake bed that is seasonally flooded.	
60	4319 - Mixed Upland Forest	Sawtimber Well	28.0	116	111-140	N/A	This stand is a mix of aspen and maple with scattered large white pine. The southern part has a heavier component of aspen than the north.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Bigtooth Aspen		10	Log	14		Balsam Fir		
Ironwood		1	Pole	6		White Pine		
Sugar Maple		20	Log/Pole	12		White Spruce		
Northern White Cedar		5	Log/Pole	10		Striped Maple		
Paper Birch		10	Pole/Log	9				
Quaking Aspen		10	Log/Pole	13				
White Pine		44	Log/XLog	15	116			
61	429 - Mixed Upland Conifers	Sawtimber Well	77.7	112	111-140	N/A		This stand is dominated by natural red and white pine with cedar. In some areas there is aspen mixed in as well especially in the north. It appears that some aspen and cedar had been harvested out of the southern portion of the stand in the past on timber sale 45-021-85 put all pine were retained. The ground can get quite rocky in this stand with rock ledges which would complicate operations if harvested. It seemed like most of the ledges were in the north part of the stand.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Pine		14	Log	13		White Spruce		
Northern White Cedar		15	Log/Pole	10		White Pine		
Paper Birch		5	Pole/Log	9		Striped Maple		
Bigtooth Aspen		5	Log/Pole	13		Balsam Fir		
Quaking Aspen		5	Log/Pole	10		Northern White Cedar		
Sugar Maple		1	Log/Pole	11				
White Spruce		5	Pole	6				
White Pine		35	Log	14	112			
Balsam Fir		15	Pole	6				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

62	429 - Mixed Upland Conifers	Sawtimber Well	30.9	116	51-80	N/A	The middle of the stand has shallow bedrock with an open canopy of pine and juniper in the understory. At the north end is a large rock ridge with cedar. The south end and along the lake is a typical Drummond mix of aspen, cedar and pine. Some of the red pine in this stand is in rough shape.																																																				
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>White Pine</td><td>15</td><td>Log/Pole</td><td>12</td><td></td></tr> <tr><td>Balsam Fir</td><td>10</td><td>Pole</td><td>6</td><td></td></tr> <tr><td>Quaking Aspen</td><td>20</td><td>Pole</td><td>8</td><td></td></tr> <tr><td>White Spruce</td><td>10</td><td>Log/Pole</td><td>10</td><td></td></tr> <tr><td>Red Pine</td><td>30</td><td>Log/Pole</td><td>13</td><td>116</td></tr> <tr><td>Paper Birch</td><td>5</td><td>Pole</td><td>8</td><td></td></tr> <tr><td>Northern White Cedar</td><td>10</td><td>Log/Pole</td><td>12</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		White Pine	15	Log/Pole	12		Balsam Fir	10	Pole	6		Quaking Aspen	20	Pole	8		White Spruce	10	Log/Pole	10		Red Pine	30	Log/Pole	13	116	Paper Birch	5	Pole	8		Northern White Cedar	10	Log/Pole	12		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr><td>Northern White Cedar</td><td>Low</td><td>5 - 10 feet</td><td>Sapling</td></tr> <tr><td>Balsam Fir</td><td>Low</td><td>Variable</td><td>Sapling</td></tr> <tr><td>Juniper</td><td>Low</td><td>5 - 10 feet</td><td>Tall Shrub</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Northern White Cedar	Low	5 - 10 feet	Sapling	Balsam Fir	Low	Variable	Sapling	Juniper	Low	5 - 10 feet
Canopy Species	% Cover	Size Class	DBH	Age																																																							
White Pine	15	Log/Pole	12																																																								
Balsam Fir	10	Pole	6																																																								
Quaking Aspen	20	Pole	8																																																								
White Spruce	10	Log/Pole	10																																																								
Red Pine	30	Log/Pole	13	116																																																							
Paper Birch	5	Pole	8																																																								
Northern White Cedar	10	Log/Pole	12																																																								
Sub-Canopy Species	Density	Avg. Height	Size																																																								
Northern White Cedar	Low	5 - 10 feet	Sapling																																																								
Balsam Fir	Low	Variable	Sapling																																																								
Juniper	Low	5 - 10 feet	Tall Shrub																																																								

63	42360 - Upland Cedar	Poletimber Well	14.4	125	141-170	N/A	This is upland cedar that borders the upland stands and the lake. For the most part this stand is fairly dry with a few wet spots.																													
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>White Pine</td><td>5</td><td>Log</td><td>14</td><td></td></tr> <tr><td>Paper Birch</td><td>5</td><td>Pole</td><td>6</td><td></td></tr> <tr><td>Northern White Cedar</td><td>85</td><td>Pole/Log</td><td>8</td><td>125</td></tr> <tr><td>Tamarack</td><td>5</td><td>Pole</td><td>8</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		White Pine	5	Log	14		Paper Birch	5	Pole	6		Northern White Cedar	85	Pole/Log	8	125	Tamarack	5	Pole	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr><td>Balsam Fir</td><td>Low</td><td>5 - 10 feet</td><td>Sapling</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	5 - 10 feet
Canopy Species	% Cover	Size Class	DBH	Age																																
White Pine	5	Log	14																																	
Paper Birch	5	Pole	6																																	
Northern White Cedar	85	Pole/Log	8	125																																
Tamarack	5	Pole	8																																	
Sub-Canopy Species	Density	Avg. Height	Size																																	
Balsam Fir	Low	5 - 10 feet	Sapling																																	

64	4111 - S.Maple, Hard Mast Association	Sawtimber Well	24.1	121	81-110	N/A	Cut in 2000 as part of East Pats Lake Hardwood (45-002-96). The west half of the stand had a lot of birch which has died out. The east half is better hardwood. The BA is 80-90 right now and the dying beech and birch is naturally lowering it. High amount of striped maple regen.																																																																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>Beech</td><td>10</td><td>Pole</td><td>9</td><td></td></tr> <tr><td>Paper Birch</td><td>5</td><td>Pole</td><td>8</td><td></td></tr> <tr><td>Northern White Cedar</td><td>5</td><td>Log/Pole</td><td>10</td><td></td></tr> <tr><td>Yellow Birch</td><td>5</td><td>Pole</td><td>8</td><td></td></tr> <tr><td>White Pine</td><td>10</td><td>Log</td><td>16</td><td></td></tr> <tr><td>Sugar Maple</td><td>60</td><td>Log/Pole</td><td>11</td><td>121</td></tr> <tr><td>Ironwood</td><td>5</td><td>Pole</td><td>6</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Beech	10	Pole	9		Paper Birch	5	Pole	8		Northern White Cedar	5	Log/Pole	10		Yellow Birch	5	Pole	8		White Pine	10	Log	16		Sugar Maple	60	Log/Pole	11	121	Ironwood	5	Pole	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr><td>White Spruce</td><td>Low</td><td>Variable</td><td>Sapling</td></tr> <tr><td>White Pine</td><td>Trace</td><td>< 5 feet</td><td>Sapling</td></tr> <tr><td>Beech</td><td>Medium</td><td>5 - 10 feet</td><td>Sapling</td></tr> <tr><td>Balsam Fir</td><td>Low</td><td>Variable</td><td>Sapling</td></tr> <tr><td>Striped Maple</td><td>Medium</td><td>5 - 10 feet</td><td>Sapling</td></tr> <tr><td>Sugar Maple</td><td>Low</td><td>>20 feet</td><td>Pole</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Spruce	Low	Variable	Sapling	White Pine	Trace	< 5 feet	Sapling	Beech	Medium	5 - 10 feet	Sapling	Balsam Fir	Low	Variable	Sapling	Striped Maple	Medium	5 - 10 feet	Sapling	Sugar Maple	Low	>20 feet
Canopy Species	% Cover	Size Class	DBH	Age																																																																			
Beech	10	Pole	9																																																																				
Paper Birch	5	Pole	8																																																																				
Northern White Cedar	5	Log/Pole	10																																																																				
Yellow Birch	5	Pole	8																																																																				
White Pine	10	Log	16																																																																				
Sugar Maple	60	Log/Pole	11	121																																																																			
Ironwood	5	Pole	6																																																																				
Sub-Canopy Species	Density	Avg. Height	Size																																																																				
White Spruce	Low	Variable	Sapling																																																																				
White Pine	Trace	< 5 feet	Sapling																																																																				
Beech	Medium	5 - 10 feet	Sapling																																																																				
Balsam Fir	Low	Variable	Sapling																																																																				
Striped Maple	Medium	5 - 10 feet	Sapling																																																																				
Sugar Maple	Low	>20 feet	Pole																																																																				

65	42380 - Non Pine Upland Conifer, Mixed Deciduous	Sawtimber Well	16.1	130	141-170	N/A	The stand is land locked, isolated stand bordering Lake Huron, surrounded by private.																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>Balsam Fir</td><td>5</td><td>Pole</td><td>6</td><td></td></tr> <tr><td>White Pine</td><td>5</td><td>Log</td><td>14</td><td></td></tr> <tr><td>White Spruce</td><td>5</td><td>Pole/Log</td><td>10</td><td></td></tr> <tr><td>Paper Birch</td><td>5</td><td>Pole</td><td>8</td><td></td></tr> <tr><td>Balsam Poplar</td><td>5</td><td>Pole</td><td>6</td><td></td></tr> <tr><td>Northern White Cedar</td><td>50</td><td>Log/Pole</td><td>12</td><td>130</td></tr> <tr><td>Quaking Aspen</td><td>25</td><td>Pole/Log</td><td>10</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Balsam Fir	5	Pole	6		White Pine	5	Log	14		White Spruce	5	Pole/Log	10		Paper Birch	5	Pole	8		Balsam Poplar	5	Pole	6		Northern White Cedar	50	Log/Pole	12	130	Quaking Aspen	25	Pole/Log	10		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr><td>Balsam Fir</td><td>Medium</td><td>Variable</td><td>Sapling</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	Variable
Canopy Species	% Cover	Size Class	DBH	Age																																															
Balsam Fir	5	Pole	6																																																
White Pine	5	Log	14																																																
White Spruce	5	Pole/Log	10																																																
Paper Birch	5	Pole	8																																																
Balsam Poplar	5	Pole	6																																																
Northern White Cedar	50	Log/Pole	12	130																																															
Quaking Aspen	25	Pole/Log	10																																																
Sub-Canopy Species	Density	Avg. Height	Size																																																
Balsam Fir	Medium	Variable	Sapling																																																



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

66 42380 - Non Pine Upland Conifer, Mixed Deciduous Sawtimber Well 46.5 150 111-140 N/A Borders Lake Huron, illegal orv trail connects from stand 52 but is actually an old road, deer yard.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	20	Log/Pole	14	
Balsam Fir	5	Pole	6	
White Pine	5	Log/Pole	14	
White Spruce	5	Pole	8	
Northern White Cedar	50	Log/Pole	12	150
Paper Birch	5	Pole	8	
Balsam Poplar	5	Pole	8	
Tamarack	5	Pole/Sapling	5	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	Variable	Sapling
White Spruce	Medium	Variable	Sapling

67 4319 - Mixed Upland Forest Sapling Medium 47.8 7 Immature N/A

Stand was cut as part of Meade Island Mix (45-009-15) in November of 2016. There was a cedar clump left in the north part of the stand. Scattered cedar, white pine and maple we left. A decent amount of spruce and fir advanced regen has been left as well. The regen form the harvest is pretty spotty but I expect this to continue to fill in as the conifer is recruited into the canopy.

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	10	Pole/Log	8	100
Sugar Maple	5	Pole/Log	8	
Quaking Aspen	33	Sapling	1	7
Balsam Poplar	20	Sapling	1	
Balsam Fir	20	Sapling	2	
White Pine	2	Log/Pole	10	
White Spruce	10	Sapling	2	

68 4134 - Aspen, Spruce/Fir Sapling Well 38.0 13 Immature N/A

Cut in 2009 as part of South Meade Island Aspen (45-002-05), cedar reserved, rock ledges.

Canopy Species	% Cover	Size Class	DBH	Age
Striped Maple	2	Sapling	1	
Quaking Aspen	46	Sapling	2	13
Beech	2	Sapling	1	
Northern White Cedar	5	Log/Pole	13	
Bigtooth Aspen	10	Sapling	2	
White Spruce	15	Sapling	1	
White Pine	5	Log	15	
Balsam Fir	15	Sapling	1	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	< 5 feet	Sapling
Balsam Fir	Low	< 5 feet	Sapling
White Spruce	Low	< 5 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
69	42360 - Upland Cedar	Sawtimber Well	10.7	114	171-200	N/A	This is a cedar stand that I have attempted to split out of the adjacent stand based on air photo and a field visit. This stand is dense mature cedar with some aspen and pine mixed in. For the most part it is open in the understory. The boundary of this stand may be better defined once we harvest the adjacent aspen.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Balsam Fir		5	Pole	8		Balsam Fir		
Northern White Cedar		80	Log/Pole	12	114	Medium		
White Spruce		2	Pole	8		Variable		
Quaking Aspen		5	Log	14		Sapling		
White Pine		1	Log	14				
Paper Birch		2	Pole	8				
Balsam Poplar		5	Pole	9				
70	4319 - Mixed Upland Forest	Sapling Poor	21.4	7	Immature	N/A	This stand was harvested as part of Meade Island Mix (45-009-15) and was cut in December of 2016. During the harvest a lot of advanced fir regen was left in areas that were not skidded. The aspen regeneration from the harvest is spotty with most of it being balsam poplar. There are some fir and spruce seedlings that are getting established so I expect this to continue to fill in over the next 10 years. The stand is mostly upland with some low ground along the south. The ground is covered in grass/sedge.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Northern White Cedar		2	Log/Pole	11		White Pine		
White Pine		3	Log	14		Trace		
Balsam Fir		40	Sapling	2	7	Low		
Balsam Poplar		30	Sapling	1		Low		
White Spruce		10	Sapling	1		Low		
Quaking Aspen		15	Sapling	1		Trace		
						< 5 feet		
71	429 - Mixed Upland Conifers	Sawtimber Well	38.4	110	111-140	N/A	Landlocked 40 with no access, A real head scratcher, cedar is not uniform and there is a fair amount of white and red pine that should be managed, deer are using it though.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Balsam Fir		10	Pole/Sapling	5		White Spruce		
Northern White Cedar		40	Log/Pole	12	110	Medium		
White Pine		15	Log/Pole	12		Variable		
Paper Birch		5	Pole	6		Sapling		
White Spruce		5	Pole/Log	10		Sapling		
Red Pine		15	Log/Pole	14		Sapling		
Quaking Aspen		10	Log/Pole	12		Sapling		
72	4110 - Sugar Maple Association	Sawtimber Well	25.9	110	81-110	N/A	This stand was last cut as part of Meade Island Mix where the beech was salvaged from the stand. There is a small patch of aspen/conifer mix in the NW corner of the stand and a rocky are in the south end of the stand that contains more balsam. There is virtually no deciduous regeneration in the stand. In areas that were recently salvaged there is some stump sprout beech and thick raspberry. Most of the regen in this stand is balsam fir. In the west end of the stand there is decent white pine regeneration becoming established.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
White Spruce		5	Pole	6		Balsam Fir		
Beech		5	Log/Pole	11		Medium		
Sugar Maple		84	Log/Pole	13	110	Low		
Balsam Fir		5	Pole	6		Low		
Yellow Birch		1	Log	12		Low		
						5 - 10 feet		
						Sapling		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

73	4136 - Aspen, Mixed Conifer	Sapling Medium	13.6	15	Immature	N/A	Cut in 2007 as part of South Meade Island Aspen (45-002-05). The canopy is slowly filling in and should be fully stocked next inventory as the conifer continue to grow into the canopy. There are some scattered large white pine and cedar in the stand. The northeast corner is actually lowland with cedar and balm.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
White Spruce		5	Sapling	3		Balsam Fir		Medium	5 - 10 feet	Sapling	
White Pine		2	Log	14		White Spruce		Low	5 - 10 feet	Sapling	
Northern White Cedar		10	Pole	6		Striped Maple		Trace	5 - 10 feet	Sapling	
Balsam Poplar		10	Sapling/Pole	4							
Balsam Fir		5	Sapling	3							
Sugar Maple		1	Sapling	2							
Quaking Aspen		45	Sapling	2	15						
Bigtooth Aspen		22	Sapling	2	15						

74	429 - Mixed Upland Conifers	Sawtimber Medium	58.8	105	1-50	N/A	This stand has a more open canopy than the stand to the north resulting in a thick fir understory in most of the stand. There are some areas of open glades in the stand with juniper.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Quaking Aspen		10	Pole	8		Northern White Cedar		Low	Variable	Pole	
White Spruce		10	Pole	8		Balsam Fir		High	Variable	Sapling	
Northern White Cedar		20	Log/Pole	10		White Spruce		Medium	Variable	Sapling	
Red Pine		25	Log/Pole	12	105	Juniper		Medium	< 5 feet	Tall Shrub	
White Pine		20	Log/Pole	12							
Balsam Fir		10	Pole	8							
Paper Birch		5	Pole	8							

75	429 - Mixed Upland Conifers	Poletimber Well	11.0	110	111-140	N/A	Landlocked , more upland with very little cedar, OI says 152 years old but its the same as 77.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
White Spruce		20	Pole/Log	11		White Spruce		Medium	Variable	Sapling	
Northern White Cedar		10	Log/Pole	12		Balsam Fir		Medium	Variable	Sapling	
Red Pine		15	Log/Pole	14							
Paper Birch		5	Pole	8							
Quaking Aspen		20	Pole/Log	11	110						
Balsam Fir		10	Pole	9							
Sugar Maple		5	Log	12							
White Pine		15	Log/Pole	14	162						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
76	429 - Mixed Upland Conifers	Sawtimber Medium	18.9	80	51-80	N/A	This was split off from the adjacent stand to the east. It is more open canopy of white pine with a thick understory of balsam fir saplings and poles.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species			
White Pine		50	Log	15	80	Balsam Fir			
Bigtooth Aspen		5	Log	14	80	White Spruce			
Red Oak		5	Log/Pole	12		Aspen (spp.)			
Red Pine		5	Log	14		Striped Maple			
Quaking Aspen		5	Log/Pole	12					
White Spruce		10	Pole/Sapling	5					
Balsam Fir		10	Pole	7					
Northern White Cedar		5	Pole	8					
Paper Birch		5	Pole	8					
77	429 - Mixed Upland Conifers	Sawtimber Well	58.8	162	81-110	N/A		Landlocked 80 with no access, cut stripes stand 80 borders east side, cedar is not uniform but is more dominant on the west end, east end has more pine and other species.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species			
Paper Birch		5	Pole	6		Balsam Fir			
Quaking Aspen		10	Log/Pole	12		White Spruce			
White Spruce		5	Pole/Log	11					
White Pine		15	Log/Pole	12					
Balsam Fir		10	Pole/Sapling	5					
Red Pine		15	Log/Pole	14					
Northern White Cedar		40	Log/Pole	14	162				
78	42290 - Natural Mixed Pine	Sawtimber Poor	55.6	97	1-50	N/A	Cut in 2007 as part of South Meade Island Aspen (45-002-05). Pine and cedar over aspen, spruce/fir regen. The pine overstory is thick in some places.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species			
Northern White Cedar		10	Pole/Log	8		Quaking Aspen			
White Pine		55	Log	14	97	Balsam Fir			
Red Pine		19	Log	14		White Spruce			
Quaking Aspen		1	Pole	8		Red Pine			
White Spruce		15	Pole	8		White Pine			
79	42340 - Upland Spruce/Fir	Sapling Well	20.1	25	Immature	N/A		Stand was cut as part of Pats Lake Annex (45-009-96) which was closed in 1998. Everything was cut except for oak and cedar which did not contain at least 2 sticks. This portion of the harvested area regenerated to a mix of conifers dominated by balsam fir and white pine. The ground is fairly rocky with shallow soils.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species			
Red Oak		1	Log	12		Juniper			
Northern White Cedar		1	Log/Pole	12		White Spruce			
Quaking Aspen		10	Sapling	2	25	Red Pine			
Balsam Fir		50	Sapling	3	25	Striped Maple			
White Spruce		10	Sapling	3		White Pine			
Bigtooth Aspen		10	Sapling	2	25	Balsam Fir			
Red Pine		5	Sapling	3					
White Pine		13	Sapling/Pole	4					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
80	4319 - Mixed Upland Forest	Sapling Medium	7.9	34	1-50	N/A	Cut strips from 1988 combined into one stand, cedar regen up to three feet tall but not a lot, also has red and white pine regen, overall looks good.	
Canopy Species		% Cover	Size Class	DBH	Age			
Northern White Cedar		10	Sapling	1				
Balsam Poplar		20	Sapling	3				
White Pine		5	Sapling	2				
White Spruce		10	Sapling	3				
Balsam Fir		15	Sapling	3				
Red Pine		5	Sapling	2				
Quaking Aspen		35	Sapling	3	34			
81	4110 - Sugar Maple Association	Sawtimber Well	18.3	110	81-110	N/A	Stand was cut as part of Mead Island Mix (45-009-15) in Nov. 2016. In the southern part of the stand there is a mix with paper birch and aspen. The area that was beech salvaged is in the northern part of the stand west of the PVT. This area has some stump sprout beech coming in and in areas that were opened up a lot there is thick raspberry. Throughout the stand there is a surprising amount of conifer in regeneration. It is mostly spruce and fir but there is some pine mixed in as well.	
Canopy Species		% Cover	Size Class	DBH	Age			
White Pine		1	XLog	18				
Bigtooth Aspen		5	Log	13				
Quaking Aspen		5	Log	12				
Beech		2	Log/Pole	11				
Sugar Maple		80	Log/Pole	13	110			
Paper Birch		5	Pole	8				
Red Oak		2	Log	15				
Sub-Canopy Species		Density	Avg. Height	Size				
Beech		Low	< 5 feet	Sapling				
Red Pine		Trace	< 5 feet	Sapling				
Blackberry/Raspberry		Medium	< 5 feet	Tall Shrub				
Sugar Maple		Low	>20 feet	Pole				
Striped Maple		Low	5 - 10 feet	Sapling				
White Pine		Trace	< 5 feet	Sapling				
Balsam Fir		Low	5 - 10 feet	Sapling				
82	42290 - Natural Mixed Pine	Sawtimber Well	26.5	114	51-80	N/A	This is a natural pine stand with some scattered cedar, aspen and birch. The BA is variable across the stand. The more open areas seem to have less soil and are rocky. These areas have juniper in the understory. The aspen in the stand is old and starting to die.	
Canopy Species		% Cover	Size Class	DBH	Age			
Paper Birch		5	Pole	6				
Balsam Fir		5	Pole	6				
White Pine		25	Log/Pole	12				
White Spruce		5	Pole	7				
Red Pine		45	Log/Pole	13	114			
Bigtooth Aspen		10	Log/Pole	10	40			
Northern White Cedar		5	Pole/Log	8				
Sub-Canopy Species		Density	Avg. Height	Size				
Northern White Cedar		Low	5 - 10 feet	Sapling				
White Pine		Trace	5 - 10 feet	Sapling				
Juniper		Low	5 - 10 feet	Tall Shrub				
Aspen (spp.)		Trace	5 - 10 feet	Sapling				
White Spruce		Medium	Variable	Sapling				
Balsam Fir		High	Variable	Sapling				
Striped Maple		Trace	5 - 10 feet	Sapling				
83	4130 - Aspen	Sapling Well	12.4	16	Immature	N/A	Stand was cut as part of South Mead Island Aspen(45-002-01) in 2007. This stand is dominated by aspen regeneration. There are a few scattered pine and cedar that were retained during the harvest, not nearly as much as in adjacent stands.	
Canopy Species		% Cover	Size Class	DBH	Age			
Balsam Fir		5	Sapling	2				
Paper Birch		2	Sapling	3				
Northern White Cedar		1	Log	12				
Bigtooth Aspen		40	Sapling	2				
White Pine		2	Log/Pole	10				
Red Pine		5	Log/Pole	10				
Quaking Aspen		40	Sapling	2	16			
White Spruce		5	Sapling	2				
Sub-Canopy Species		Density	Avg. Height	Size				
White Spruce		Low	< 5 feet	Sapling				
Balsam Fir		Medium	< 5 feet	Sapling				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

84	42330 - Upland Fir	Sapling Well	9.3	35	51-80	N/A	This stand was harvested at the same time as the stand to the south. This stand has very thick balsam fir and spruce. It is still mostly sapling sized with a few poles here and there. Scattered in are pockets of aspen along with individual white pine, red pine and cedar.	
Canopy Species		% Cover	Size Class	DBH	Age			
White Spruce		10	Sapling/Pole	4				
Bigtooth Aspen		5	Sapling	3				
Balsam Fir		60	Sapling/Pole	4	35			
White Pine		10	Pole/Sap/Log	8				
Northern White Cedar		5	Pole/Log	9				
Red Pine		5	Pole/Sap/Log	8				
Quaking Aspen		5	Sapling/Pole	3				

85	4130 - Aspen	Sapling Well	6.1	35	Immature	N/A	This stand was harvested with the stand to the north. This area has more aspen regeneration and less soft wood. The canopy is more open as a result. There is a decent amount of cedar regeneration mixed in along with some pine. The ground is very rocky.	
Canopy Species		% Cover	Size Class	DBH	Age			
Northern White Cedar		5	Pole/Sapling	5				
White Pine		1	Pole/Sapling	5				
Red Pine		1	Pole/Sapling	5				
Quaking Aspen		25	Sapling	3	35			
Paper Birch		5	Sapling	3				
White Spruce		5	Sapling/Pole	4				
Bigtooth Aspen		53	Sapling	3	35			
Balsam Fir		5	Sapling	4				
Sub-Canopy Species		Density	Avg. Height	Size				
Balsam Fir		Medium	< 5 feet	Sapling				
Northern White Cedar		Medium	< 5 feet	Sapling				

86	4134 - Aspen, Spruce/Fir	Poletimber Well	7.1	40	81-110	N/A	This is a small stand of pole sized aspen that appears to have been cut with the stand to the north.	
Canopy Species		% Cover	Size Class	DBH	Age			
Balsam Fir		15	Pole	5				
Balsam Poplar		5	Pole	9				
Quaking Aspen		64	Pole	6	40			
White Spruce		5	Pole	8				
White Pine		1	Log	14				
Northern White Cedar		5	Log/Pole	12	114			
Paper Birch		5	Pole	8				
Sub-Canopy Species		Density	Avg. Height	Size				
Balsam Fir		Medium	Variable	Sapling				

87	42390 - Mixed Non-Pine Upland Conifers	Sawtimber Well	122.1	105	141-170	N/A	Mature stand of cedar with aspen and pine. The cedar varies from thick cedar groves to areas of scattered cedar. There are some pockets that contain very little cedar and are dominated by aspen spruce/fir (along the northern boarder). The ground is quite rocky with ledges and ridges throughout. Very unique stand.	
Canopy Species		% Cover	Size Class	DBH	Age			
Quaking Aspen		10	Log	13				
White Pine		10	Log	14				
Paper Birch		5	Pole	8				
Bigtooth Aspen		5	Log	14				
White Spruce		5	Pole	8				
Northern White Cedar		55	Log/Pole	12	105			
Balsam Fir		5	Pole	8				
Red Pine		5	Log	13				
Sub-Canopy Species		Density	Avg. Height	Size				
Balsam Fir		Medium	Variable	Sapling				
White Spruce		Medium	Variable	Sapling				
Northern White Cedar		Low	Variable	Pole				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																				
88	4319 - Mixed Upland Forest	Poletimber Medium	2.0	36	51-80	N/A	Stand is a mix of hardwoods in the south and aspen regen to the north. This was the site of a timber trespass and was cut with the adjacent PVT.																																				
89	6239 - Mixed Emergent Wetland	Nonstocked	1.2	0		No																																					
90	6120 - Lowland Cedar	Poletimber Poor	12.6	88	1-50	N/A	Stand with a lot of dead cedar. Cedar and tamarack are growing back in and replacing those that had died. The ground is very wet.																																				
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>9</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>20</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>White Pine</td> <td>1</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>70</td> <td>Sapling/Pole</td> <td>3</td> <td>88</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	9	Sapling/Pole	4		Tamarack	20	Sapling/Pole	3		White Pine	1	Pole/Log	8		Northern White Cedar	70	Sapling/Pole	3	88											
Canopy Species	% Cover	Size Class	DBH	Age																																							
Paper Birch	9	Sapling/Pole	4																																								
Tamarack	20	Sapling/Pole	3																																								
White Pine	1	Pole/Log	8																																								
Northern White Cedar	70	Sapling/Pole	3	88																																							
91	42370 - Upland Cedar, Aspen	Sawtimber Well	6.3	110	141-170	N/A	The portion of this stand west of the road was never harvested in. It contains pole and log sized cedar with larger aspen scattered through out. The ground is very rocky. East of the road most of the aspen was removed when the stand to the south was harvested but there was a significant amount of cedar left.																																				
92	4319 - Mixed Upland Forest	Poletimber Well	4.2	50	51-80	N/A	Stand is a mix of aspen and fir with scattered cedar. Canopy is fairly open in most places and diameters are not that large. There is SBW in this stand.																																				
93	42210 - Natural Red Pine	Sawtimber Poor	25.3	114	1-50	N/A	This stand looks like a possible glade. Very shallow soils with log sized pine over pole sized spruce and fir.																																				
<table border="1"> <thead> <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> </thead> <tbody> <tr> <td>White Pine</td> <td>35</td> <td>Log</td> <td>13</td> <td></td> <td>Tamarack</td> <td>Trace</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Pine</td> <td>65</td> <td>Log</td> <td>14</td> <td>114</td> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Pole</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>White Spruce</td> <td>High</td> <td>Variable</td> <td>Pole</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	White Pine	35	Log	13		Tamarack	Trace	Variable	Sapling	Red Pine	65	Log	14	114	Balsam Fir	Low	Variable	Pole						White Spruce	High	Variable	Pole
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																			
White Pine	35	Log	13		Tamarack	Trace	Variable	Sapling																																			
Red Pine	65	Log	14	114	Balsam Fir	Low	Variable	Pole																																			
					White Spruce	High	Variable	Pole																																			
94	6121 - Tamarack	Poletimber Well	7.3	88	51-80	N/A																																					