



Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 45025

Entry Year 2026

Acreage: 2,614

County Chippewa

Management Area: St. Ignace Lake Plain

Stand Examiner: Kenny Fanelli

Legal Description:

T42N, R2E, Sec 8, 9, 16, 17, 20, 21

Identified Planning Goals:

Management this period will focus on cutting mature aspen and other mature mixed stands. Additionally, many of the hardwood stands are in need of thinning and possibly more aggressive treatments in order to spur on regeneration of the cover type which is struggling in this area.

Soil and topography:

Soils are Shelter-Posen-Summerville: deep and shallow, level to steep, poorly drained to well drained, loamy soils on ground moraines and glacial lake benches. Topography is gently rolling to level, with lowland swamps and rocky boulder fields.

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

This compartment is surrounded by private land on all sides except part of the southeast. The area is used primarily for hunting and ORV riding. Private land bordering the compartment contains several hunting camps and permanent residents.

Unique Natural Features:

Large boulders, boulder fields, and steep ledges are prevalent throughout the compartment. These will likely restrict management due to inoperability of the ground and because of the possibility of TnE species.

Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

Special Management Designations or Considerations:

SCA- deer yard especially in the southern parts of the compartment.

Watershed and Fisheries Considerations:

This compartment contains a portion of Beavetail Creek which supports populations of brook and rainbow trout. Beavetail Creek is currently under statewide stream regulations, but has been proposed to be a designated trout stream. Standard BMPs should be applied.

Wildlife Habitat Considerations:

This compartment is part of the St. Ignace Lake Plain Management Area. Aspen and lowland conifer habitat, particularly cedar, are common here. The northern part of the compartment has a larger aspen block where some age class diversity has already been encouraged. Another treatment is planned to continue to encourage age class diversity within that block that will benefit ruffed grouse, woodcock, snowshoe hare, deer, and other wildlife. Remaining types include northern hardwoods and upland mixed stands. Treatments are planned in some hardwood stands to promote age class and structural diversity in the stands, including promoting maple recruitment, to benefit species ranging from deer and hawks to small migratory birds. Boulders are common in parts of the compartment, and trees will be left around these features to maintain the habitat for a variety of plant and wildlife species. Rare species and features will be protected. The southern part of the compartment is located in deer wintering complex. Lowland conifer stands will be left to provide wintering cover for deer as well as cover for snowshoe hare, bobcat, and other species.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of thin to discontinuous till over bedrock and peat & muck. The glacial drift thickness varies between 10 and 50 feet. The Silurian Engadine Group subcrops below the glacial drift. The Engadine is quarried for stone/dolomite three miles to the west. A gravel pit is located one mile to the west and there may be some potential on the uplands. There is no current economic oil and gas production in the UP.

Vehicle Access:

A county road, Prentiss Bay Road borders the west side. A two track enters off Prentiss Bay Road and provides access through most of the compartment. The north side is bounded by two State gates providing walk in access only. The roads

within the gates are for management only.

Survey Needs:

An MNFI survey is needed across the compartment. Additionally, a land survey is needed in section 16 for a timber sale.

Recreational Facilities and Opportunities:

Birch Hill motorcycle trail runs throughout the compartment. Recreational activities are mostly hunting for deer, grouse, or mushrooms. The road behind the gate off of Traynor Rd. acts as an informal hunter walking trail.

Fire Protection:

Access is good through most of the compartment. Water can be found in various lowland swamps and beaver ponds but might be scarce in a dry year.

Additional Compartment Information:

The following reports from the Inventory are attached:

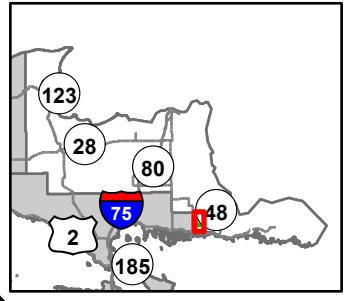
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

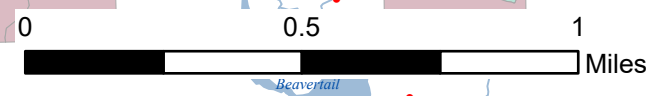
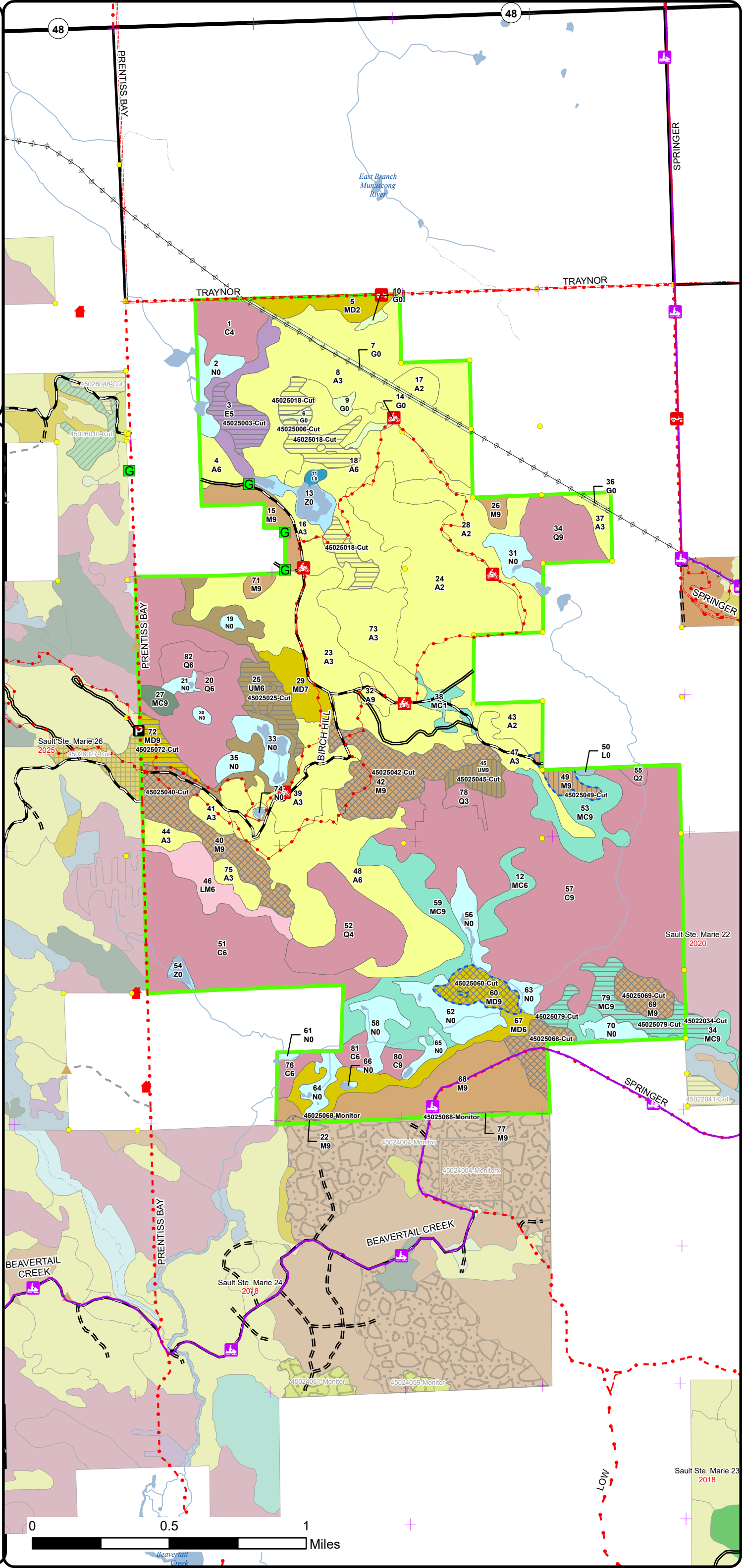
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 45025
 T42N, R2E, Sec: 8, 9, 16, 17, 20, 21
 County: Chippewa
 Unit: Sault Ste. Marie
 Mgmt Area: St. Ignace Lake Plain
 YO: 2026
 Acres: 2614.4 GIS Calculated
 Examiner: Kenny Fanelli
 Map Revised: 07/22/2024
 Map Phase: Web Post



- Berms
- Gate
- Bridges
- Parking Lot
- Cabin
- Survey Grade Corners
- Remonumented Section Corners
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- Private - Dirt / Gravel Road
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- Lake/Pond
- Perennial River
- Pipeline
- Powerline
- Lakes and Rivers
- Compartment Boundary
- Treatments with Site Conditions
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Regeneration Survey
- Shelter Wood (w/Reserves)
- Clearcut (w/Reserves)
- 411 - Northern Hardwood
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
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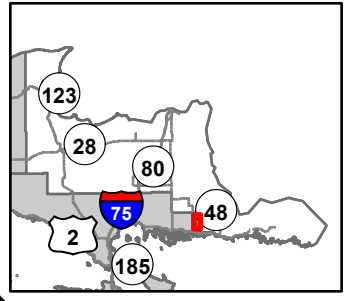
Sault Ste. Marie 22
2020

Sault Ste. Marie 24
2018

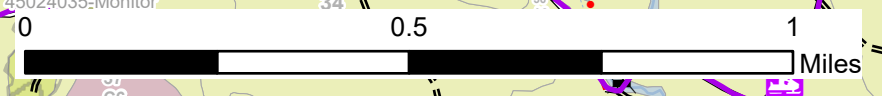
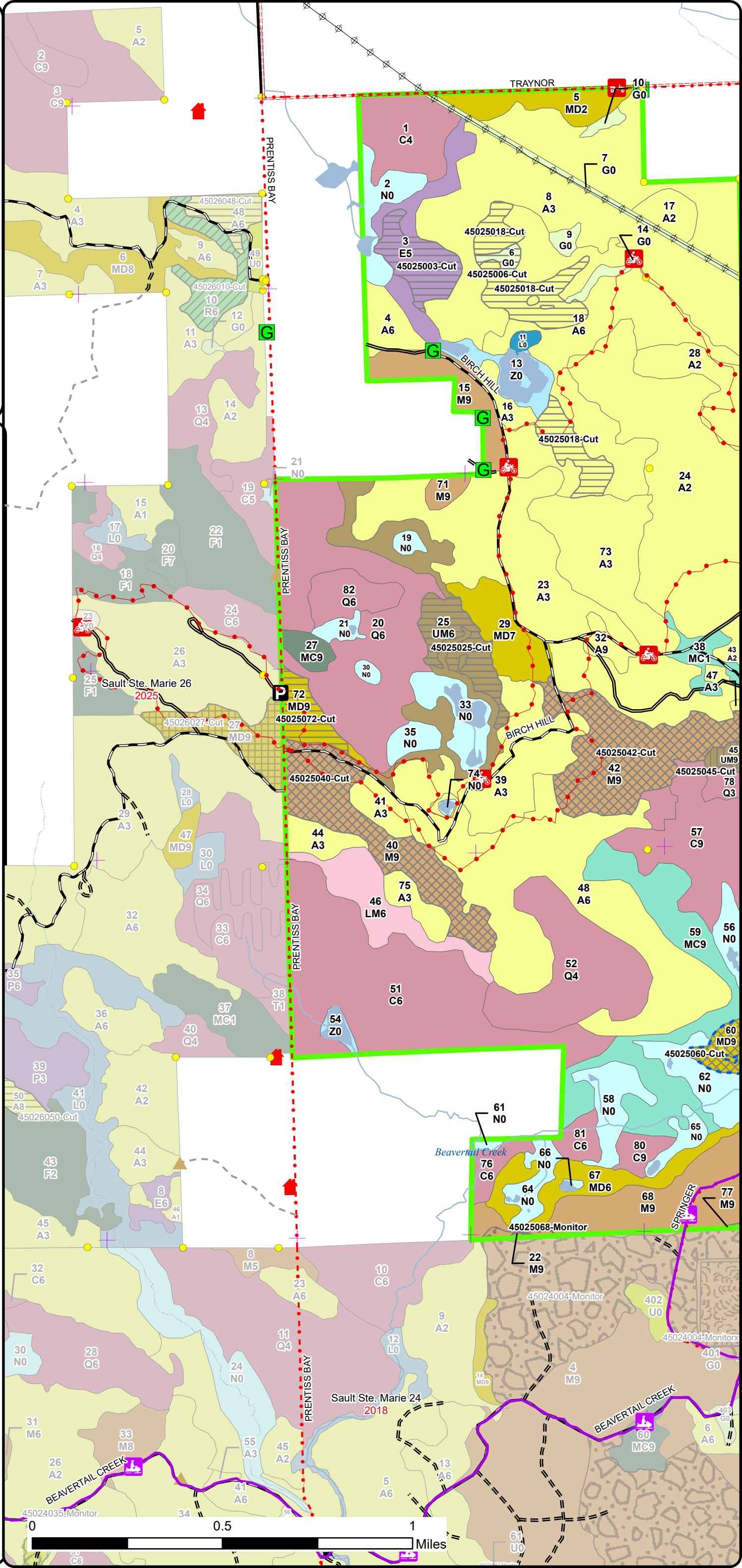
Sault Ste. Marie 23
2018

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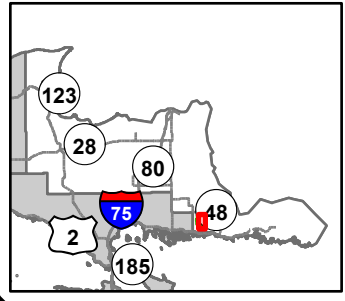


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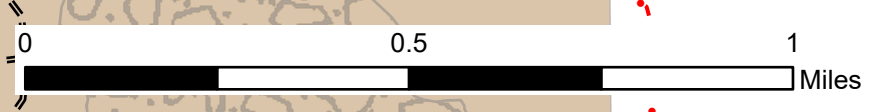
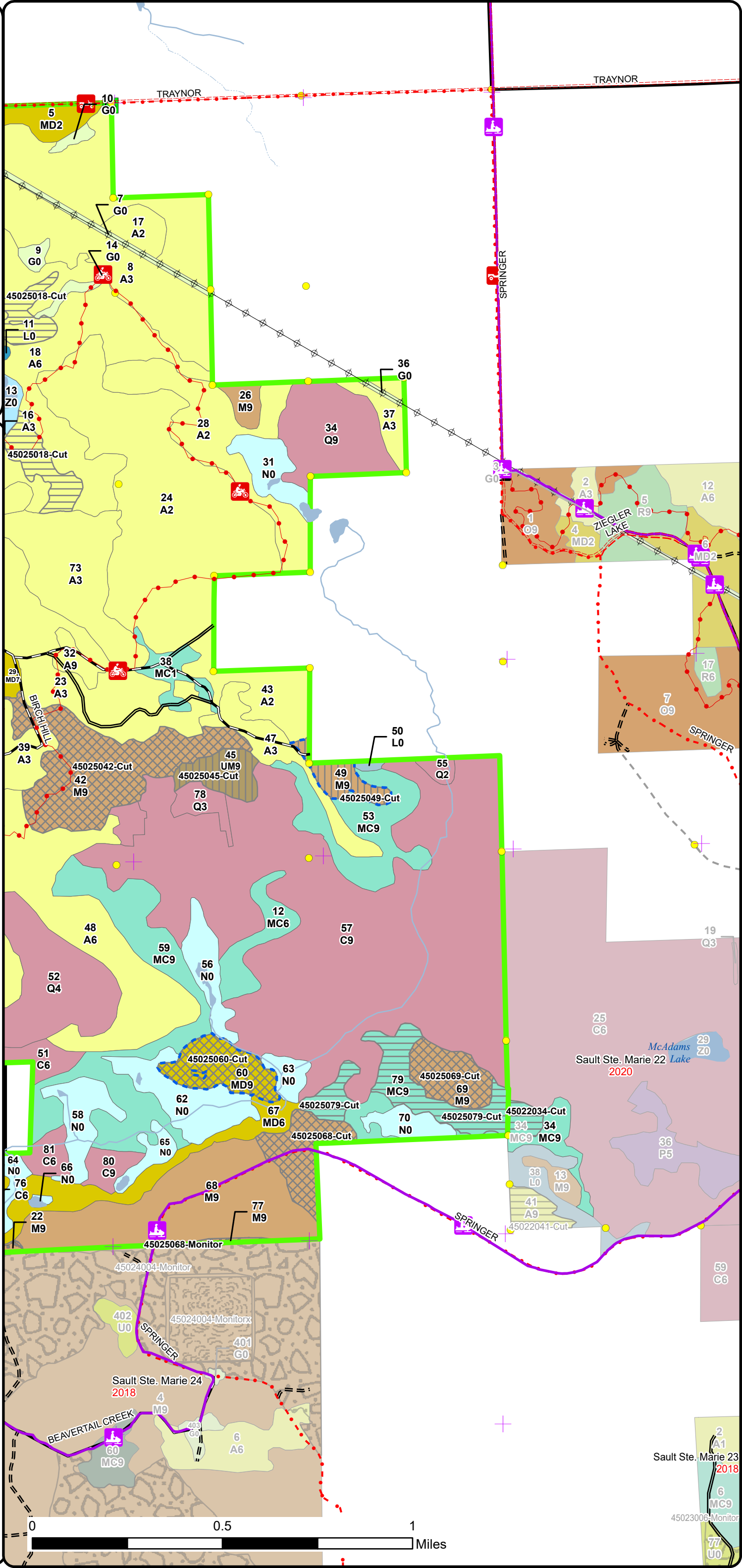


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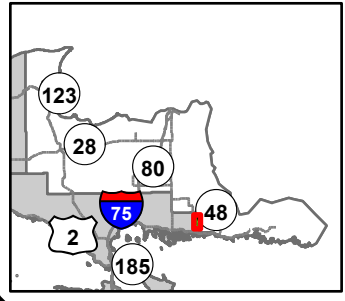
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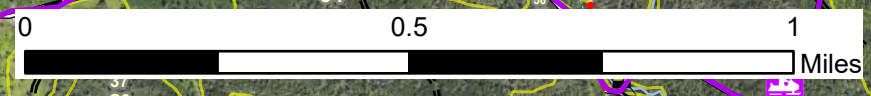
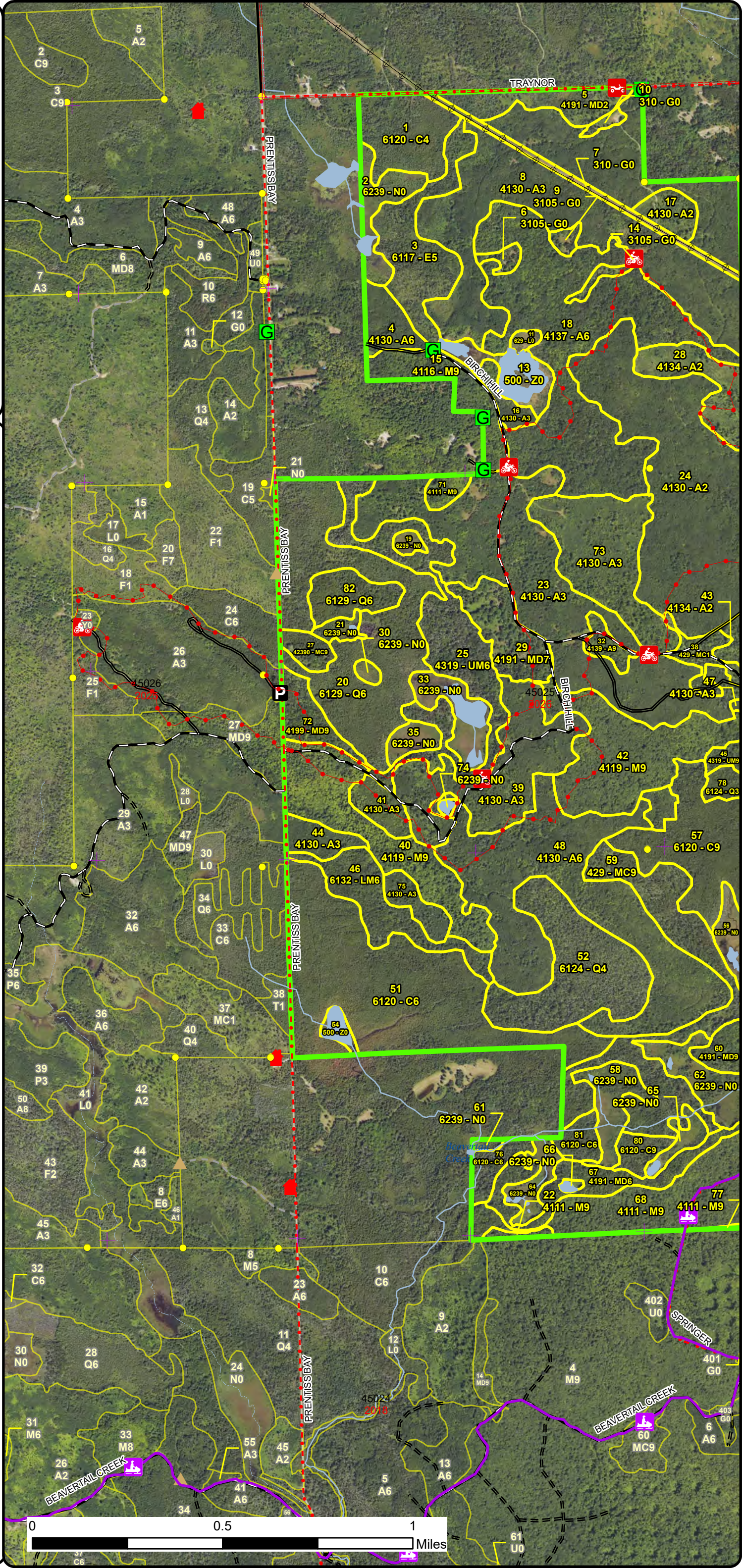
Sault Ste. Marie 23
 2018
 6 MC9
 45023006-Monitor
 77 U0

Stand Boundary Map

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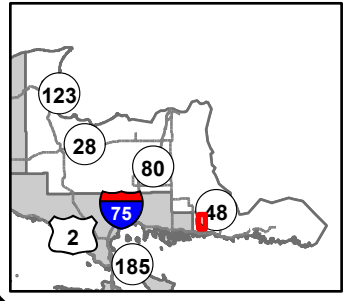


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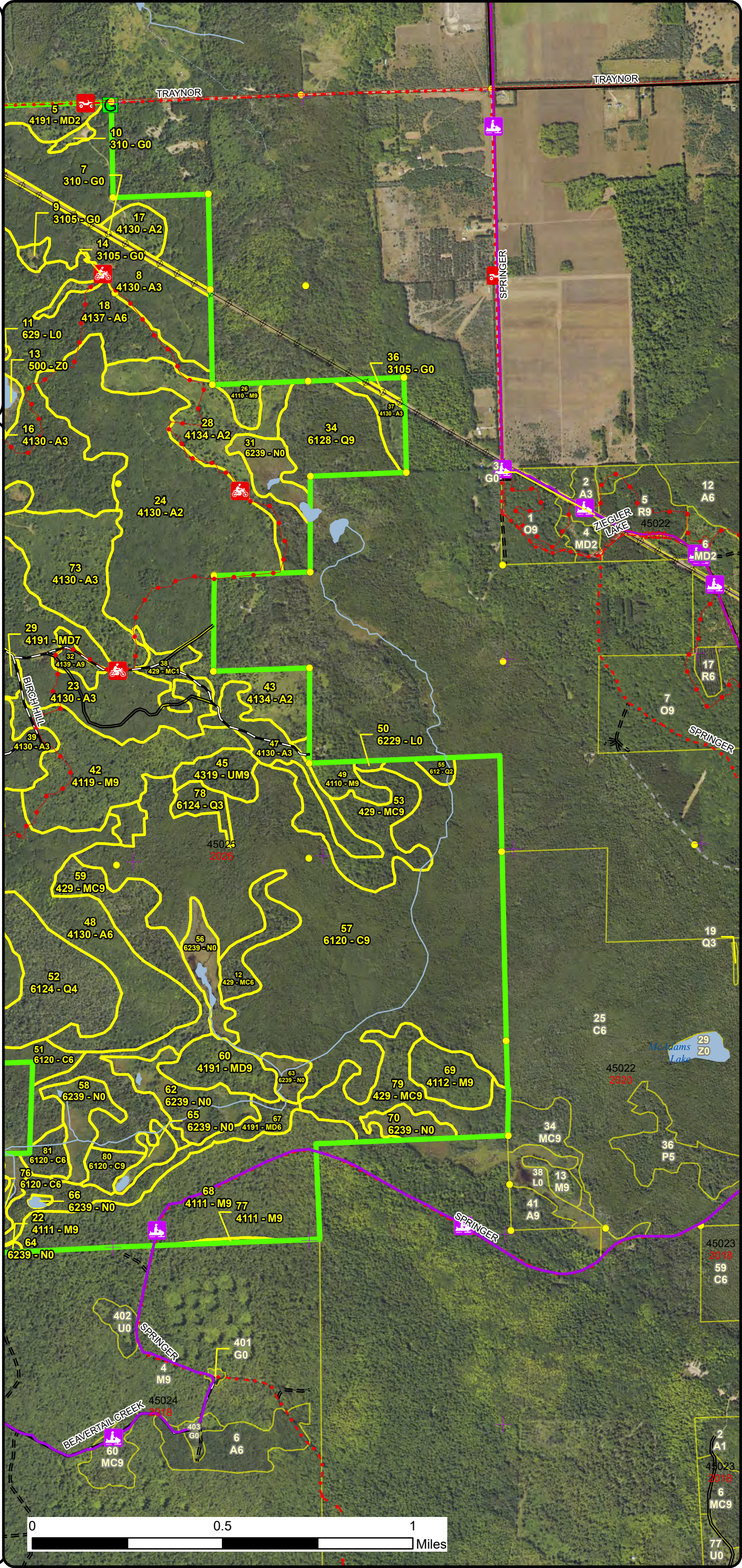


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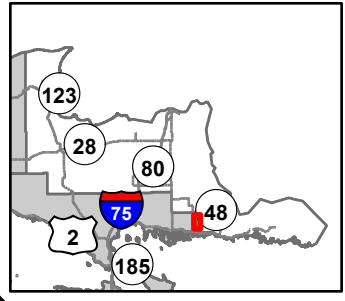
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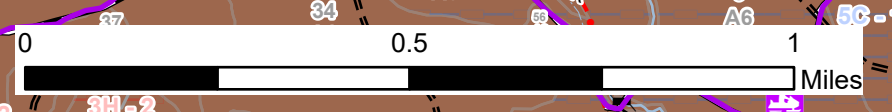
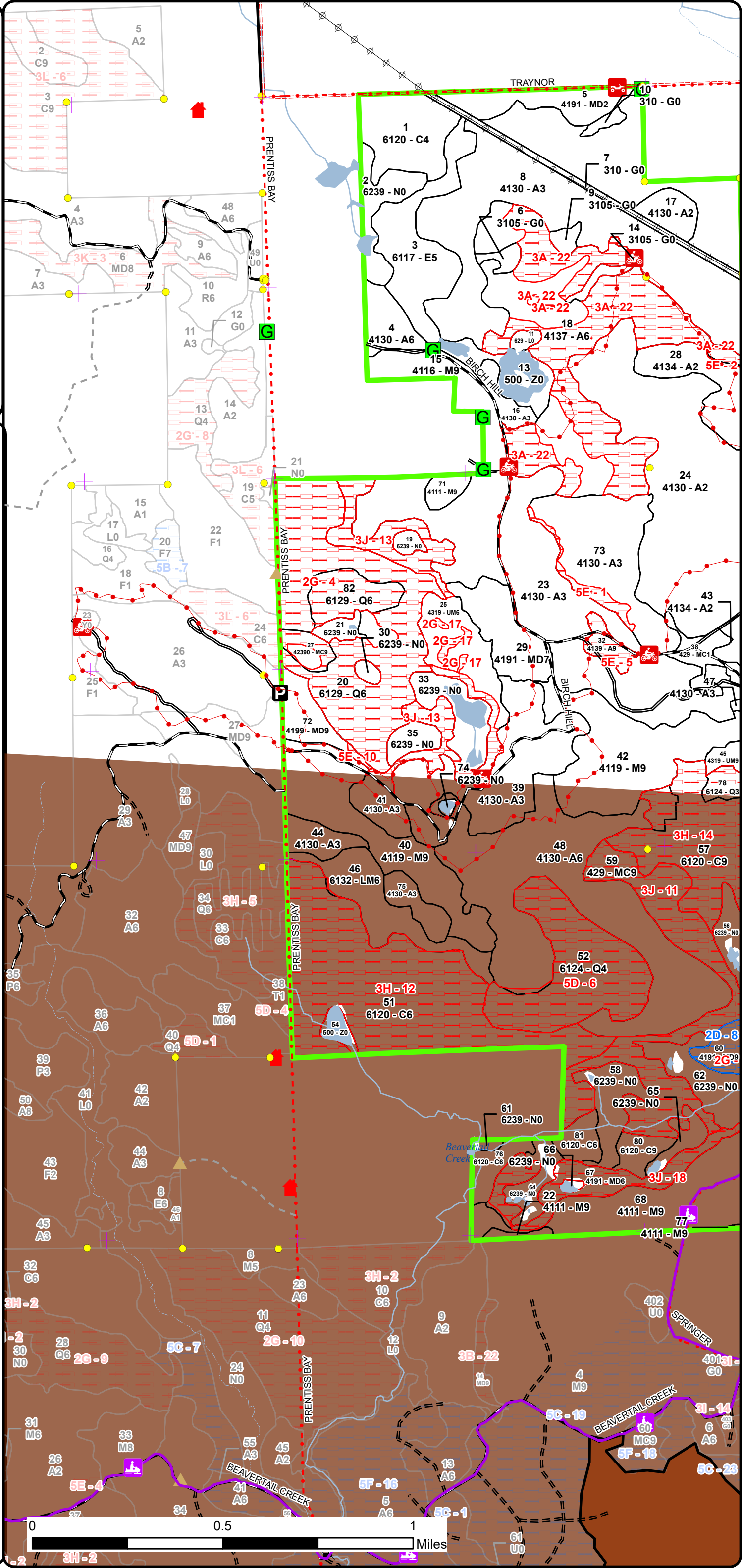
2 A1
 45023 3018
 6 MC9
 77 U0

Special Conservation Areas & Site Conditions Map

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 - SCA
 - Available w/ Constraints
 - Unavailable
- 2D: Portable Bridge Needed (Dept. bridge will be adequate)
 2G: Too wet (sensitive soils, does not include access issues)
 3A: Conservation Values incompatible with harvest at this time
 3J: Water quality / BMPs (stream, river, or lake)
 5D: Unproductive Forest Land
 5E: Long-Term Retention
- Stand Boundaries
 - Deer Winter Range
 - Other Habitat Area



Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	146	188	378	124	0	0	0	134	0	6	0	0	0	0	0	0	0	976
Cedar	0	0	0	0	0	0	0	0	0	0	137	8	30	346	0	0	0	0	521
Herbaceous Openland	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
Lowland Conifers	0	0	0	0	3	12	0	0	59	0	0	113	0	0	0	0	39	0	226
Lowland Deciduous	0	0	0	0	0	0	0	37	0	0	0	0	0	0	0	0	0	0	37
Lowland Mixed Forest	0	0	0	0	0	0	0	28	0	0	0	0	0	0	0	0	0	0	28
Lowland Shrub	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Marsh	152	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	152
Mixed Upland Deciduous	0	19	0	0	0	0	0	0	0	0	47	20	0	0	0	0	0	24	110
Northern Hardwood	0	0	0	0	0	0	0	28	0	6	60	188	0	0	0	0	0	0	282
Upland Conifers	0	0	0	11	0	0	0	0	0	0	116	7	35	0	0	0	0	0	169
Upland Mixed Forest	0	0	0	0	0	0	0	58	0	0	0	13	0	0	0	0	0	0	71
Water	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Total	196	165	188	389	127	12	0	37	307	0	312	208	266	346	0	0	39	24	2616



Report 2 – Treatment Summary

Sault Ste. Marie Mgt. Unit
Year of Entry: 2026

Acres of Harvest

Compartment 25
Total Compartment Acres: 2,614

Commercial Harvest - 288
Harvests with Site Condition - 29
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	39	0	0	0	0	0	0	0	0	39
Herbaceous Openland	3	0	0	0	0	0	0	0	0	3
Lowland Deciduous	19	0	0	0	0	0	0	0	0	19
Mixed Upland Deciduous	13	20	0	0	0	0	0	0	0	32
Northern Hardwood	0	151	0	0	10	0	0	0	0	160
Upland Conifers	31	0	0	0	0	0	0	0	0	31
Upland Mixed Forest	20	0	0	0	13	0	0	0	0	33
Total	125	170	0	0	23	0	0	0	0	318

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	318	0	0	0	0	0	4	0	0	322
Next Step	0	0	0	0	0	0	318	0	0	318
Total	318	0	0	0	0	0	322	0	0	639



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
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Proposed Treatments:

34	45022034-Cut	4.7	429 - Mixed Upland Conifers	Sawtimber Well	91	111-140	Harvest	Clearcut	429 - Mixed Upland Conifers	Even-Aged	No
<p><u>Prescription</u> Cut all trees which are 2" or greater at DBH. Do not cut any cedar. Buffer ponds to the south by 100'(treatment shape reflects buffers). <u>Specs:</u> Winter cut only for deer yard. No retention due to size. Final size and shape may vary. <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable Regen:</u> Moderate to fully stocked aspen, spruce, fir, red maple, tamarack, birch, and white pine. <u>Other Comment:</u> OYE Harvest with stand 79 in 45025. <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2019</p>											
3	45025003-Cut	18.8	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Medium	61	81-110	Harvest	Clearcut with Retention	6112 - Lowland Aspen	Even-Aged	No
<p><u>Prescription</u> Cut all tree which are 2" and up at DBH. Winter or dry conditions only. Acreage may change due to wet ground conditions or lack of volume. <u>Specs:</u> Retention will be areas outside of the treatment area. Buffer open water by 100'. Do not cut cedar, hemlock, white pine, oak, or yellow birch. <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable Regen:</u> Moderate to fully stocked aspen, birch, red maple, spruce , and fir. <u>Other Comment:</u> Treatment boundary is drawn approximately where timber volume is adequate. Go beyond the boundary where able. Check for blow down and mortality prior to set up. <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2025</p>											
6	45025006-Cut	3.2	3105 - Mixed Upland Herbaceous	Nonstocked			Harvest	Clearcut	3105 - Mixed Upland Herbaceous		No
<p><u>Prescription</u> Cut all trees 2" and up. This is for openings maintenance. This would make a good landing site for surrounding cuts. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable Regen:</u> None <u>Other Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2025</p>											



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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18	45025018-Cut	39.4	4137 - Aspen, Birch	Poletimber Well	71	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Cut all trees which are two inches and up at DBH. Retention for this treatment will be all of the remaining portions of the stand that are inoperable due to rocky ground. All large boulders which do not contain TnE species should be buffered by minimum 50'. Do not cut in rock fields which are inoperable or along the tops of any rock ledges or escarpments. Do not cut oak, hemlock, or cedar.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Fully stocked aspen with sugar maple, paper birch, oak, and any other present species.

Other Comment: Treatment size and shape may vary. The current treatment shape reflects roughly where harvesting is possible. Look for opportunities outside of the treatment boundary to extend the sale wherever it won't conflict with boulders or TnE species. MNFI survey is needed before sale can be set up. This prescription may change based on the results of that survey.

Site Condition

Proposed Start Date: 10/1 /2025

25	45025025-Cut	20.0	4319 - Mixed Upland Forest	Poletimber Well	71	111-140	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	No
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Prescription Clear cut all species 2" and up. Retention will be the thin ridges and wetland buffers which are outside of the treatment area. Do not cut cedar, hemlock, oak, yellow birch, or white pine.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Moderate to fully stocked aspen, spruce, fir, red maple, sugar maple, and paper birch.

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2025

40	45025040-Cut	50.8	4119 - Mixed Northern Hardwoods	Sawtimber Well	102	111-140	Harvest	Single Tree Selection	4119 - Mixed Northern Hardwoods	Even-Aged	No
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Prescription Thin stand to 60 BA. Create at most 1 regeneration gap per 2 acres using gap guidance for size and MWR guidance for leave tops/slash. Promote biodiversity by leaving underrepresented species. Leave all hemlock. Leave the occasional wolfy/cavity tree where possible.

Next Step Monitoring, Natural Regen (Intermediate)

Treatments:

Acceptable Regen: Moderate to fully stocked sugar maple, red maple, aspen, spruce, fir, yellow birch, and white pine.

Other Comment: The purpose of this treatment will be to thin slightly heavier than usual and create gaps to establish advanced regeneration so that the stand can be shelter wooded or seed tree'd in a future YOE.

Cut out of year of entry to go with C26 across Prentiss Bay Rd.

Site Condition

Proposed Start Date: 10/1 /2024



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Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
42	45025042-Cut	62.4	4119 - Mixed Northern Hardwoods	Sawtimber Well	110	111-140	Harvest	Single Tree Selection	4119 - Mixed Northern Hardwoods	Two-Aged	No
<p><u>Prescription</u> Mark stand to 60 BA and create, at most, one regeneration gap for every two acres using the gap size guidance and leave tops to protect regeneration in gaps using MWR guidance. Leave a closed canopy over large boulders. Promote biodiversity by leaving underrepresented species where possible. Leave the occasional wolfy/cavity tree where possible.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Intermediate)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Acceptable regeneration is moderate to fully stocked sugar maple, red maple, yellow birch, paper birch, aspen, and pine.</p> <p><u>Other Comment:</u> Boulders in this stand will need an MNFI survey prior to sale preparation.</p> <p><u>Site Condition</u></p> <p>Proposed Start Date: 10/1 /2025</p>											
45	45025045-Cut	12.9	4319 - Mixed Upland Forest	Sawtimber Well	111	141-170	Harvest	Shelterwood with Retention	4319 - Mixed Upland Forest	Two-Aged	No
<p><u>Prescription</u> Cut all species 2" and up except cedar, hemlock, and white pine unless necessary for operability. Retention will be the leave trees and they should not be removed once regeneration is established.</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> Moderate to fully stocked aspen, birch, red maple, white pine, spruce, fir, and cedar.</p> <p><u>Other Comment:</u> Final acreage may change due to wet ground along the lowland edge.</p> <p><u>Site Condition</u></p> <p>Proposed Start Date: 10/1 /2025</p>											
49	45025049-Cut	9.6	4110 - Sugar Maple Association	Sawtimber Well	107	111-140	Harvest	Shelterwood	4117 - Mixed N. Hardwood - Pine	Even-Aged	No
<p><u>Prescription</u> Mark 30 BA of leave trees focusing on those that are healthy and large crowned. Keep any desirable underrepresented species like yellow birch or oak if present as well as all white pine. Don't mark any additional leave trees where the white pine BA is already high. Residual trees may be removed in subsequent treatment once desirable regeneration is established. No long term retention due to size.</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> Moderate to fully stocked sugar maple, red maple, birch, aspen, and white pine.</p> <p><u>Other Comment:</u> Survey needed.</p> <p><u>Site Condition</u> Survey Needed</p> <p>Proposed Start Date: 10/1 /2025</p>											



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
60 45025060-Cut	19.8	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	100	111-140	Harvest	Single Tree Selection	4199 - Other Mixed Upland Deciduous	Even-Aged	No
<p><u>Prescription</u> Mark the stand to 70-80 BA to encourage regeneration to diversity the stand for deer, bear, hawks, and other species.. Focus on removing declining timber. Promote the maple component as much as possible and keep any underrepresented species like yellow birch and oak.</p> <p><u>Specs:</u> Nearly this entire stand falls within the 300' RMZ for Beavertail Creek. Follow all BMPs for harvesting within an RMZ. Per Fisheries Division do not cut any trees within 25' of the stand edges. A portable bridge or crane mats will be necessary to cross the creek on the south end. Do not use a culvert or use fill material in the stream, per fisheries. No cut on cedar, oak, or hemlock to maintain diversity and a source of hard mast.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Moderate to fully stocked Sugar maple, red maple, paper birch, spruce, fir, and white pine.</p> <p><u>Other Comment:</u> Winter harvest only for deer yard.</p> <p><u>Site Condition</u> Portable Bridge Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										
68 45025068-Cut	19.8	4111 - S.Maple, Hard Mast Association	Sawtimber Well	110	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Even-Aged	No
<p><u>Prescription</u> Mark stand to 70 BA and create regeneration gaps using gap guidance for size to encourage recruitment and diversity for deer, bear, migratory birds, and other species. Focus gaps where BA is already low and where oak and yellow birch can be left on the edge of gaps.</p> <p><u>Specs:</u> Create 1 gap for every 2 acres of harvest. Utilize leave top guidance from MWR to protect regeneration. Cut all balsam fir 2" and up. Winter harvest only for deer yard. Promote biodiversity by leaving underrepresented species where possible. Leave the occasional wolfy/cavity tree where possible.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Intermediate)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Moderate to fully stocked sugar maple, yellow birch, red maple, oak, white pine, and aspen.</p> <p><u>Other Comment:</u> Treatment boundary is drawn approximately where the ground is operable and rock free. Final size and shape may vary.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										
69 45025069-Cut	17.5	4112 - Maple, Beech, Cherry Association	Sawtimber Well	117	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Even-Aged	No
<p><u>Prescription</u> Mark the stand to 70 BA and create at most 1 regeneration gap for every 2 acres using gap guidance for size to encourage recruitment and diversity for deer, bear, hawks, and other species. Additionally use leave top guidance from MWR research to protect regeneration. Winter harvest for deer yard. Promote biodiversity by leaving underrepresented species. Leave the occasional wolfy/cavity tree where possible.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Intermediate)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Moderate to fully stocked sugar maple, red maple, birch, aspen, pine.</p> <p><u>Other Comment:</u> Access is through stand 79 and may require crane mats.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
72 45025072-Cut	12.6	4199 - Other Mixed Upland Deciduous	Sawtimber Well	91	81-110	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Even-Aged	No
<p><u>Prescription</u> Cut all species which are 2" and up at DBH to maintain habitat for deer, grouse, hare, and other wildlife. Do not cut cedar, hemlock, yellow birch, or oak if present to maintain diversity. Retention will be the small arm of the stand that goes off to the south east. See site condition.</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 regeneration is birch, aspen, red maple, spruce, fir, or white pine.</p> <p><u>Other Comment:</u> Final acreage may change due to wet ground conditions along the lowland edge. Motorcycle trail protections needed. Cut out of year of entry to go with C26 across Prentiss Bay Rd.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
79 45025079-Cut	30.9	429 - Mixed Upland Conifers	Sawtimber Well	91	111-140	Harvest	Clearcut with Retention	429 - Mixed Upland Conifers	Even-Aged	No
<p><u>Prescription</u> Cut all trees which are 2" or greater at DBH to encourage habitat for grouse, hare, deer, and other species. Do not cut any cedar to maintain cover and diversity. Buffer the streams in stand 70 by 300' and buffer the pond on private property by 100' (treatment shape reflects buffers). The RMZ for stand 70 may be used for skidding per Fisheries Division. Winter cut only for deer yard.</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 regeneration is moderate to fully stocked aspen, spruce, fir, white pine, birch, and maple.</p> <p><u>Other Comment:</u> A low swale within the RMZ will require frozen conditions to cross and probably crane mats. Acreage is likely to change due to wet ground conditions or lack of volume.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										

Approved Treatments:

22 45025068-Monitor	3.9	4111 - S.Maple, Hard Mast Association	Sawtimber Well	110	81-110	Monitoring	Natural Regen (Intermediate)	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</u> regen check as per the work instructions</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Acceptable regen includes maple, birch, beech, hemlock, white pine, cedar, spruce, fir, aspen</p> <p><u>Other Comment:</u> Percent to Treat = 100%</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										

Total Treatment Acreage Proposed: 326.3

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit
Kenny Fanelli : Examiner

Compartment: 25
Year of Entry: 2026

Availability for Management

Total Acres	Acres Available	Acres <i>With Condition</i>	Acres Not Available
975	854	0	120

Dominant Site Conditions

	Acres Available	<i>With Condition</i>	Not Available	Dominant Site Condition	2D	2I	2G	3A	3H	3J	3L	5D	5E
975	854	0	120	Aspen				92				1	27
520	53	0	467	Cedar					467				
22	22	0	0	Herbaceous Openland									
226	4	0	223	Lowland Conifers			113		12		39	59	
37	37	0	0	Lowland Deciduous									
28	27	0	0	Lowland Mixed Forest					0				
3	3	0	0	Lowland Shrub									
152	152	0	0	Marsh									
110	56	21	34	Mixed Upland Deciduous	21		0			33			1
282	272	10	0	Northern Hardwood		10							
169	44	0	125	Upland Conifers			4	35	15	70			
71	33	0	38	Upland Mixed Forest			2			35			
20	20	0	0	Water									
2,614	1,577	30	1,007	Total Forested Acres	21	10	120	128	495	138	39	60	28
	60%	1%	39%	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	5E: Long-Term Retention	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: wildlife corridor							
2	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Kenny Fanelli : Examiner

Compartment: 25

Year of Entry: 2026

4	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	114	3L: Other wildlife concerns	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	5E: Long-Term Retention	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Retention area left from surrounding treatment							
6	Unavailable	5D: Unproductive Forest Land	60	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Hard factor or 3B removed. We can mitigate damaging the soil with frozen conditions.							
7	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Available	2D: Portable Bridge Needed (Dept. bridge will be adequate)	21	2E: Road needed	Unspecified	Unspecified	Unspecified
Comments: Beavertail Creek drainage area							
9	Unavailable	3A: Conservation Values incompatible with harvest at this time	35	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Kenny Fanelli : Examiner

Compartment: 25

Year of Entry: 2026

10	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	63	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	121	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	35	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments:							
14	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	374	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	3L: Other wildlife concerns	39	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
WLD wants stand left for cover even though it is outside of the deer yard layer. Stand is also very wet.							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Kenny Fanelli : Examiner

Compartment: 25

Year of Entry: 2026

16	Available	2I: Survey needed	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
18	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	33	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stand is a long corridor along Beavertail Creek and its associated wetlands. Fisheries Division said harvesting could occur in small portions of the stand if necessary but it is not at this time.							
19	Unavailable	5E: Long-Term Retention	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
20	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
21	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Kenny Fanelli : Examiner

Compartment: 25

Year of Entry: 2026

22	Unavailable	3A: Conservation Values incompatible with harvest at this time	92	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments



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	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.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																															
1	6120 - Lowland Cedar	Poletimber Poor	29.7	111		N/A	Stand of stunted cedar, spruce, and tamarack. Lots of blow over.																																																															
<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>Northern White Cedar</td> <td>50</td> <td>Pole/Sapling</td> <td>5</td> <td>111</td> </tr> <tr> <td>Black Spruce</td> <td>20</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>20</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	50	Pole/Sapling	5	111	Black Spruce	20	Pole/Sapling	5		Balsam Fir	10	Pole/Sapling	5		Tamarack	20	Pole/Sapling	5																																							
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Tamarack	20	Pole/Sapling	5																																																																			
2	6239 - Mixed Emergent Wetland	Nonstocked	15.3			No																																																																
3	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Medium	37.0	61	81-110	N/A	Hodge podge of aspen, birch, balsam poplar, spruce and fir. Areas of blowdown and some declining trees. Canopy closure is probably close to 75%.																																																															
<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>Quaking Aspen</td> <td>25</td> <td>Pole</td> <td>6</td> <td>61</td> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Balsam Poplar</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>20</td> <td>Pole</td> <td>8</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>White Spruce</td> <td>25</td> <td>Pole</td> <td>6</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Quaking Aspen	25	Pole	6	61	Tag Alder	Medium	5 - 10 feet	Tall Shrub	Balsam Fir	10	Pole	6						Balsam Poplar	10	Pole	6						Paper Birch	20	Pole	8						White Spruce	25	Pole	6						Red Maple	10	Pole	6					
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Red Maple	10	Pole	6																																																																			
4	4130 - Aspen	Poletimber Well	12.7	26	Immature	N/A	Dense aspen stand with limited quantities of sugar maple and balsam fir. Some legacy sugar maple and balsam fir of larger diameter were present.																																																															
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																														
Sugar Maple	5	Sapling/Pole	4		Balsam Fir	Low	10 - 20 feet	Sapling																																																														
Paper Birch	1	Pole/Sapling	5		Quaking Aspen	Medium	>20 feet	Sapling																																																														
Balsam Fir	4	Log	12		Sugar Maple	Low	10 - 20 feet	Sapling																																																														
Quaking Aspen	90	Pole/Sapling	5	26																																																																		
5	4191 - Mixed Upland Deciduous with Conifer	Sapling Medium	19.2	6	Immature	N/A	Regeneration is good in spots and lagging in others. More mix of species with the aspen like birch spruce and fir. Sale 007-16 reserved cedar, SBW sale																																																															
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Red Maple	10	Sapling	1																																																																			
6	3105 - Mixed Upland Herbaceous	Nonstocked	3.2			No																																																																
7	310 - Herbaceous Openland	Nonstocked	9.1			No																																																																



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																						
8	4130 - Aspen	Sapling Well	162.6	26	Immature	N/A	Aspen looks good. Growth is variable depending on where you are, probably because of rockier soils. 30-45 feet tall. Birch and maples mixed in.																																																						
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Sugar Maple	5	Sapling	3																																																										
9	3105 - Mixed Upland Herbaceous	Nonstocked	2.8			No																																																							
10	310 - Herbaceous Openland	Nonstocked	2.2		Unspecified	No																																																							
11	629 - Mixed non-forested wetland	Nonstocked	2.3			No	Heavy grass																																																						
12	429 - Mixed Upland Conifers	Poletimber Well	15.4	90	51-80	N/A	Upland ridge within the large cedar stand. Likely contains spruce, cedar, balsam fir, red maple, birch, and white pine.																																																						
13	500 - Water	Nonstocked	15.8			No	Heavy grass east of the beaver dam.																																																						
14	3105 - Mixed Upland Herbaceous	Nonstocked	3.0			No																																																							
15	4116 - Mixed N. Hardwood - Aspen	Sawtimber Well	23.0	74	51-80	N/A	More aspen and birch than noted in prior inventory. There's some nice potential crop trees in the pole timber class but over all quality is low.																																																						
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16	4130 - Aspen	Sapling Well	6.8	26	Immature	N/A	dense aspen stand that is small diameter fir its age. About 30-35 ft tall.																																																						
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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17 4130 - Aspen Sapling Medium 9.2 6 Immature N/A

Stand is somewhat filling in. There are gaps that haven't yet. Aspen regen is 10' tall. Some scwtted mature maple and birch was retained
Sale 007-16 reserved cedar, SBW sale.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	10	Sapling	2	
Quaking Aspen	65	Sapling	1	6
Balsam Poplar	10	Sapling	1	
Sugar Maple	5	Log/Pole	10	
Sugar Maple	5	Sapling	1	
White Spruce	5	Sapling	2	

18 4137 - Aspen, Birch Poletimber Well 133.8 71 81-110 N/A

Stand is all over the place. Areas mature aspen, rocky areas with not much timber, patches of pure paper birch, and areas where the aspen has fallen out, leaving decent hardwood regen behind. A few rock outcrops/cliffs. Several large boulders.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	5	Log/Pole	10		Deciduous Saplings	High	Variable	Sapling
Paper Birch	25	Pole	7		Deciduous Shrubs	High	Variable	Tall Shrub
Quaking Aspen	30	Log/Pole	11	71				
Bigtooth Aspen	15	Log/Pole	11					
White Spruce	5	Pole	8					
Red Maple	15	Pole/Log	8					
Balsam Fir	5	Pole	6					

19 6239 - Mixed Emergent Wetland Nonstocked 2.7 No

20 6129 - Mixed Coniferous Lowland Forest Poletimber Well 97.1 104 81-110 N/A

A few stands were combined from OI days. Its all deer yard, there are small sand ridges of spruce, balsam, pine, and aspen along the road that do not warrant separating, or treating.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Tamarack	10	Pole	8		Conifers	Low	Variable	Sapling
Paper Birch	5	Pole	8		Deciduous Shrubs	Low	Variable	Tall Shrub
White Pine	5	Log/Pole	10					
Quaking Aspen	5	Pole	6					
Balsam Poplar	5	Log/Pole	10					
White Spruce	10	Log/Pole	11					
Black Spruce	10	Pole	8					
Balsam Fir	10	Pole	8					
Northern White Cedar	40	Log/Pole	11	104				

21 6239 - Mixed Emergent Wetland Nonstocked 4.1 No



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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22 4111 - S.Maple, Hard Mast Association Sawtimber Well 2.3 110 81-110 N/A Hardwood stand with varying degrees of quality. Rocky soil in spots.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	75	Log/Pole	12	110	Deciduous Saplings	Medium	Variable	Sapling
Yellow Birch	5	Log	14					
Red Oak	5	Log	14					
Bigtooth Aspen	10	Log	10					
Beech	5	Log	10					

23 4130 - Aspen Sapling Well 128.3 12 Immature N/A Aspen are about 20' tall and dense. Some large boulders located just off the road

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	5	Sapling	1		Sugar Maple	Medium	Variable	Sapling
Bigtooth Aspen	14	Sapling	2		Balsam Fir	Low	Variable	Sapling
Balsam Fir	5	Pole/Sapling	5		Serviceberry (Juneberry)	Low	Variable	Sapling
Quaking Aspen	60	Sapling	2	12	Ironwood	Low	10 - 20 feet	Sapling
White Spruce	5	Pole/Sapling	5					
Sugar Maple	5	Sapling/Pole	2					
Red Maple	5	Sapling	2					
Red Oak	1	Sapling/Pole	4					

24 4130 - Aspen Sapling Medium 145.9 23 Immature N/A Aspen is looking pretty good. Some trees are poles sized but most aren't yet.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	5	Sapling	2	
Red Maple	10	Sapling	2	
Paper Birch	5	Sapling	2	
Quaking Aspen	60	Sapling/Pole	4	23
Balsam Poplar	5	Sapling	4	
Balsam Fir	10	Sapling	2	
Bigtooth Aspen	5	Sapling	2	

25 4319 - Mixed Upland Forest Poletimber Well 57.6 71 111-140 N/A Stand is a complex of ridges along and around open water wetlands. Portions of the stand act as buffers between the wetlands and cutting that occurred in the past. The main portion of the stand is upland ridges with swales throughout. Stand is actually complete mixed of species.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	5	Pole	8		Deciduous Shrubs	Low	Variable	Tall Shrub
Quaking Aspen	30	Log/Pole	10	71	Conifers	Low	Variable	Sapling
Red Maple	10	Log/Pole	10					
Balsam Fir	12	Pole	7					
Black Spruce	15	Pole	8					
Balsam Poplar	3	Pole/Log	8					
Sugar Maple	5	Log/Pole	11					
White Spruce	20	Log/Pole	10					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																												
26	4110 - Sugar Maple Association	Sawtimber Well	5.7	92	51-80	N/A	Small hardwood stand cut during the 2016 year of entry. BA is 70-80.																																																												
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27	42390 - Mixed Non-Pine Upland Conifers	Sawtimber Well	6.8	104	81-110	N/A	A few stands were combined from OI days. Its all deer yard, there are small sand ridges of spruce, balsam, pine, and aspen along the road that do not warrant separating, or treating.																																																												
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28	4134 - Aspen, Spruce/Fir	Sapling Medium	50.0	6	Immature	N/A	Stand is regenerating well with aspen. Sale 007-16, SBW sale, cedar reserved, south half left for retention.																																																												
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29	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Poor	23.6	111	1-50	N/A	This is a good wildlife stand. Scattered openings with large open grown maples throughout. Dense aspen and maple regen between them as well as some middle aged aspen. Seems uneven aged thanks to previous treatments or just to the opening filling in over time. The previous treatment didn't work to create an opening, still a forested stand. Opening Maintenance, sale 007-16																																																												
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																	
32	4139 - Aspen, Mixed Deciduous	Sawtimber Well	6.0	98	81-110	N/A	Small patch of hardwoods and aspen. Lots of large boulders which would explain why this piece was never harvested. Probably best to keep this as long term retention.																																																	
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33	6239 - Mixed Emergent Wetland	Nonstocked	17.0			No																																																		
34	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Well	39.4	154	111-140	N/A	Mostly cedar with smaller amounts of spruce and fir. There are a couple knobs of birch. Not in the deer yard but the stand is capable of providing cover and shows sign of deer use. The skid trail that was cut 5 years ago for an adjacent cut has regenerated with balsam polar and spruce/fir																																																	
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35	6239 - Mixed Emergent Wetland	Nonstocked	6.7			No																																																		
36	3105 - Mixed Upland Herbaceous	Nonstocked	1.3			No																																																		
37	4130 - Aspen	Sapling Well	10.9	6	Immature	N/A	Aspen regen is good. Looks better than some of the other stands cut in this sale. Sale 007-16 SBW sale cedar reserved if any there.																																																	
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38	429 - Mixed Upland Conifers	Sapling Poor	10.6	21	Immature	N/A	Was grass opening that's filled in with white pine spruce and aspen.																																																	
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																									
39	4130 - Aspen	Sapling Well	59.8	12	Immature	N/A	Aspen is looking good. Lots of random scattered and some clumps of mature trees. There is a surprising amount of free to grow sugar maple in both the canopy and sub canopy.																																																																									
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40	4119 - Mixed Northern Hardwoods	Sawtimber Well	50.8	102	111-140	N/A	The main portion of the stand is up on a high ridge then slopes down to the south. The sugar maple is old and generally in poor condition, similar to the stand across Prentiss Bay rd. There are areas of dense balsam fir, lots on pine cherry, but almost no hardwood regeneration. Scattered cedar.																																																																									
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41	4130 - Aspen	Sapling Well	9.8	21	Immature	N/A	Aspen is dense. 25-30' tall 2-4 inch DBH. Maple and balsam mixed in.																																																																									
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42	4119 - Mixed Northern Hardwoods	Sawtimber Well	62.4	110	111-140	N/A	Stand does not appear as mixed as noted in the 2016 year if entry. Mostly mature to over mature sugar maple with occasional yellow and basswood. There is a patch of paper birch in the eastern finger. Lots of deer browse. The understory is mostly park like but there is the occasional midstory of sugar maple. Widely scattered conifer species. Very large boulders mostly on the west end.																																																																									
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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43	4134 - Aspen, Spruce/Fir	Sapling Medium	24.5	6	Immature	N/A	Ground is very rocky and this is evidenced by the below average aspen regeneration. Not real dense, 5-10' tall. Looks like some mature timber wasn't cut. Sale 007-16, SBW sale, scattered small trees left for visual along roads.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Quaking Aspen		80	Sapling	1	6	White Spruce		Low	< 5 feet	Seeding	
Balsam Fir		10	Sapling	1							
White Spruce		10	Sapling	1							

44	4130 - Aspen	Sapling Well	9.6	20	Immature	N/A	Good regeneration. Trees are 2-4 inches and 20-30' tall. Aspen has over taken all other species. Changed from lowland to upland. Rocky ground with typical upland species in the understory.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Balsam Fir		5	Sapling	2		Sugar Maple		Low	< 5 feet	Seeding	
Northern White Cedar		5	Pole	7		Balsam Fir		Medium	Variable	Sapling	
White Pine		2	Log	14		Hazelnut (Spp.)		Low	5 - 10 feet	Tall Shrub	
Red Maple		5	Sapling	2		White Pine		Trace	Variable	Sapling	
Quaking Aspen		73	Sapling	3	20						
Balsam Poplar		5	Sapling	2							
Paper Birch		5	Sapling	2							

45	4319 - Mixed Upland Forest	Sawtimber Well	12.9	111	141-170	N/A	Mixed stand that is somewhere between upland and lowland. Large white pine throughout with a mix of maples, aspen, spruce, fir, and cedar.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
White Pine		17	Log/XLog	16	111	Conifers		Low	Variable	Sapling	
Red Maple		15	Log/Pole	10	90	Deciduous Saplings		Low	Variable	Sapling	
Paper Birch		5	Pole	7							
Quaking Aspen		10	Log/Pole	10							
Balsam Fir		10	Pole	8							
White Spruce		10	Log/Pole	10	90						
Sugar Maple		15	Log/Pole	10							
Hemlock		3	Log	10							
Northern White Cedar		15	Pole	8							

46	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	27.6	74	81-110	N/A	Transitional and very mixed stand. Some small upland ridges run the length of the stand. There are spots that are very mature and other full of mostly small poles.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Quaking Aspen		25	Log/Pole	10	74	Conifers		Medium	Variable	Sapling	
Balsam Fir		10	Pole	7		Deciduous Shrubs		Medium	Variable	Tall Shrub	
White Spruce		5	Pole/Log	8							
Northern White Cedar		25	Pole	8	74						
Tamarack		5	Pole	7							
Sugar Maple		2	Pole	6							
Balsam Poplar		15	Log/Pole	10							
Paper Birch		7	Pole	6	50						
Red Maple		6	Pole	6							



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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47	4130 - Aspen	Sapling Well	20.9	28	Immature	N/A	Aspen is looking good. 25-35' tall.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple		10	Sapling	3		Balsam Fir		Medium	Variable	Sapling
Paper Birch		10	Sapling	3						
Bigtooth Aspen		20	Sapling	3						
Balsam Fir		5	Sapling	3						
Quaking Aspen		55	Sapling	3	28					

48	4130 - Aspen	Poletimber Well	123.7	32	51-80	N/A	The aspen is somewhat small for its age likely due to rocky soils. Some areas were left uncut in the last harvest for probably the same reason. A good amount of sugar maple in the understory.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Bigtooth Aspen		20	Pole/Sapling	5		Sugar Maple		Low	Variable	Sapling
White Pine		5	Log	12		Balsam Fir		Low	Variable	Sapling
White Spruce		5	Pole/Log	9		Red Oak		Trace	10 - 20 feet	Sapling
Paper Birch		5	Sapling/Pole	4						
Quaking Aspen		60	Pole/Sapling	5	32					
Balsam Fir		5	Pole/Sapling	5						

49	4110 - Sugar Maple Association	Sawtimber Well	9.6	107	111-140	N/A	Old hardwood stand with decently high BA.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
White Pine		5	Log	16		Beech		Medium	5 - 10 feet	Sapling
Red Maple		10	Log	14		Ironwood		Low	5 - 10 feet	Sapling
Bigtooth Aspen		5	Log	16		Balsam Fir		Medium	Variable	Pole
Sugar Maple		80	Log	14	107	Sugar Maple		Full	< 5 feet	Seeding

50	6229 - Mixed lowland shrub	Nonstocked	1.2		Unspecified	No	
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51	6120 - Lowland Cedar	Poletimber Well	120.9	94	Unspecified	N/A	Contains some long ago cut strips that are barely discernable, all heavy cedar deer yard.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Northern White Cedar		59	Pole	7	94	Conifers		Medium	Variable	Sapling
Tamarack		5	Pole	8						
Paper Birch		1	Pole	7						
Balsam Poplar		5	Log	10						
White Spruce		10	Pole	8						
Black Spruce		10	Pole	8						
Balsam Fir		10	Pole	7						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																				
52	6124 - Lowland Spruce-Fir	Poletimber Poor	58.7	79	51-80	N/A	The north 5-7 acres is upland and has merchantable timber. The rest of the stand is scattered mature spruce on wet ground. Very rocky. Lots of dead fir. Lots of cedar seedlings.																																																				
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53	429 - Mixed Upland Conifers	Sawtimber Well	35.3	110	171-200	N/A	Stand of large white pine and cedar. Lots of blow down in the short lived species. Cool stand with old growth characteristics.																																																				
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54	500 - Water	Nonstocked	4.0			No																																																					
55	612 - Lowland Coniferous Forest	Sapling Medium	3.3	30	Immature	N/A	A wetland or bog that looks to have filled in with conifers and likely tag alder.																																																				
56	6239 - Mixed Emergent Wetland	Nonstocked	14.1			No																																																					
57	6120 - Lowland Cedar	Sawtimber Well	346.3	124	141-170	N/A	Large stand of cedar. Really nice near the north end with dryer ground. Gets wetter towards the center of the stand.																																																				
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58	6239 - Mixed Emergent Wetland	Nonstocked	16.0			No																																																					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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59	429 - Mixed Upland Conifers	Sawtimber Well	63.2	91	111-140	N/A	Transitional stand of ridged and slopes in the Beavertail Creek riparian zone. Mostly upland containing birch, maple, spruce, fir and white pine. Nice slope of aspen and white pine on the far east end.																																																	
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60	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	20.1	100	111-140	N/A	Upland Island of maple, birch, spruce and fir. An unofficial walking trail goes through the stand starting from a homemade bridge on the south end, across Beavertail Stream																																																																		
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61	6239 - Mixed Emergent Wetland	Nonstocked	1.4			No	
62	6239 - Mixed Emergent Wetland	Nonstocked	24.8			No	Dense tag alder especially at the edges. Open wet grass more interior with water. Some small ridges of poor spruce also
63	6239 - Mixed Emergent Wetland	Nonstocked	6.3			No	
64	6239 - Mixed Emergent Wetland	Nonstocked	10.0			No	
65	6239 - Mixed Emergent Wetland	Nonstocked	6.5			No	Dense cedar and tamarack st the edges.
66	6239 - Mixed Emergent Wetland	Nonstocked	1.0		Immature	No	Grassy lowland with tag alder filling in



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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67 4191 - Mixed Upland Deciduous with Conifer Poletimber Well 34.0 94 81-110 N/A Narrow transitional stand of birch. Borders wetlands on the north.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	15	Pole	7		Conifers	Medium	Variable	Sapling
Paper Birch	50	Pole/Log	8	94	Deciduous Saplings	Low	Variable	Sapling
Northern White Cedar	10	Pole	8					
Balsam Fir	15	Pole	7					
Sugar Maple	10	Log	10					

68 4111 - S.Maple, Hard Mast Association Sawtimber Well 104.1 110 81-110 N/A Hardwood stand with varying degrees of quality. Rocky soil in spots.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Beech	5	Log	10		Deciduous Saplings	Medium	Variable	Sapling
Red Oak	5	Log	14					
Yellow Birch	5	Log	14					
Bigtooth Aspen	10	Log	10					
Sugar Maple	75	Log/Pole	12	110				

69 4112 - Maple, Beech, Cherry Association Sawtimber Well 17.5 117 111-140 N/A Stand of hardwood. Good quality through the center and east end. More conifer and lower quality in the west.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	78	Log/XLog	13	117	Sugar Maple	Full	< 5 feet	Sapling
Paper Birch	5	Log	10		Balsam Fir	Medium	Variable	Sapling
White Pine	2	Log/XLog	16					
Red Maple	15	Log	12					

70 6239 - Mixed Emergent Wetland Nonstocked 9.0 No

71 4111 - S.Maple, Hard Mast Association Sawtimber Well 5.0 74 81-110 N/A Small hardwood stand with some crop tree potential in the pole sized timber but overall low quality. Good quality oak.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	5	Log	10		Sugar Maple	Low	< 5 feet	Seeding
Red Oak	15	Log	17		Balsam Fir	Low	Variable	Sapling
Bigtooth Aspen	5	Pole	8		Ironwood	Low	>20 feet	Pole
Sugar Maple	75	Log/Pole	11	74	Hazelnut (Spp.)	Medium	5 - 10 feet	Tall Shrub
					Red Oak	Low	< 5 feet	Seeding

72 4199 - Other Mixed Upland Deciduous Sawtimber Well 13.4 91 81-110 N/A This stand was split from the hardwood stand south of it due to a higher percentage of paper birch and red maple. It slopes northeastward into the wetlands. Much of the paper birch is declining or already dead.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	5	Pole	6		Balsam Fir	Medium	Variable	Sapling
Sugar Maple	5	Log/Pole	10		Serviceberry (Juneberry)	Low	5 - 10 feet	Sapling
Paper Birch	40	Log/Pole	10	91	Hazelnut (American)	Medium	5 - 10 feet	Tall Shrub
Red Maple	40	Log/Pole	10		White Pine	Low	< 5 feet	Seeding
Quaking Aspen	10	Pole/Log	9					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
73	4130 - Aspen	Sapling Well	50.7	6	Immature	N/A	Stand is fully flushed with aspen now 10-15' tall. Decent amount of sugar maple mixed in. Some mature oak scattered throughout. Sale 007-16		
Canopy Species		% Cover	Size Class	DBH	Age				
Bigtooth Aspen		5	Sapling	1					
Sugar Maple		7	Sapling	1					
Black Cherry		3	Sapling	1					
Quaking Aspen		80	Sapling	1	6				
Red Oak		5	Pole/Sap/Log	6					
74	6239 - Mixed Emergent Wetland	Nonstocked	1.0	0		No	Grassy wetland opening. Based on aerial imagery it probably contains water in the spring time.		
75	4130 - Aspen	Sapling Well	9.4	20	Immature	N/A	Good regeneration. Trees are 2-4 inches and 20-30' tall. Aspen has over taken all other species. Changed from lowland to upland. Rocky ground with typical upland species in the understory.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine		2	Log	14		Sugar Maple	Low	< 5 feet	Seeding
Northern White Cedar		5	Pole	7		Balsam Fir	Medium	Variable	Sapling
Paper Birch		5	Sapling	2		Hazelnut (Spp.)	Low	5 - 10 feet	Tall Shrub
Quaking Aspen		73	Sapling	3	20	White Pine	Trace	Variable	Sapling
Balsam Fir		5	Sapling	2					
Red Maple		5	Sapling	2					
Balsam Poplar		5	Sapling	2					
76	6120 - Lowland Cedar	Poletimber Well	8.4	94	81-110	N/A	Small cedar stand cut out of the larger surrounding stand.		
77	4111 - S.Maple, Hard Mast Association	Sawtimber Well	1.5	110	81-110	N/A	Hardwood stand with varying degrees of quality. Rocky soil in spots.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple		75	Log/Pole	12	110	Deciduous Saplings	Medium	Variable	Sapling
Red Oak		5	Log	14					
Yellow Birch		5	Log	14					
Bigtooth Aspen		10	Log	10					
Beech		5	Log	10					
78	6124 - Lowland Spruce-Fir	Sapling Well	12.2	48	141-170	N/A	These patches seem to have been cut between 1971 and 1976 on multiple contracts. The growth is dog hair thick. There are areas of dense cedar saplings and others of more mixed species like red maple, fir, spruce, and aspen.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce		25	Sapling	3		Balsam Fir	Low	< 5 feet	Seeding
Northern White Cedar		20	Sapling/Pole	3					
Tamarack		5	Sapling	2					
Red Maple		10	Sapling/Pole	4					
Quaking Aspen		15	Sapling/Pole	3					
Balsam Fir		25	Sapling/Pole	4	48				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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79 429 - Mixed Upland Conifers Sawtimber Well 37.6 91 111-140 N/A Ridges and swales run through this mixed stand of spruce, fir, and aspen with some other species. There is a nice patch of aspen in the east end.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	20	Log/Pole	10		Conifers	Medium	Variable	Sapling
Paper Birch	10	Log/Pole	10	91				
Balsam Fir	15	Pole/Log	8					
White Pine	10	Log	16					
White Spruce	20	Log/Pole	10	91				
Northern White Cedar	10	Log/Pole	11					
Tamarack	5	Pole/Log	9					
Red Maple	10	Log/Pole	10					

80 6120 - Lowland Cedar Sawtimber Well 7.3 91 111-140 N/A Lowland cedar stand cut out of a larger stand.

81 6120 - Lowland Cedar Poletimber Well 7.5 100 111-140 N/A Lowland cedar cut out of a larger stand.

82 6129 - Mixed Coniferous Lowland Forest Poletimber Well 15.7 104 81-110 N/A A few stands were combined from OI days. Its all deer yard, there are small sand ridges of spruce, balsam, pine, and aspen along the road that do not warrant separating, or treating.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	10	Pole	8		Deciduous Shrubs	Low	Variable	Tall Shrub
Northern White Cedar	40	Log/Pole	11	104	Conifers	Low	Variable	Sapling
White Spruce	10	Log/Pole	11					
Black Spruce	10	Pole	8					
Balsam Poplar	5	Log/Pole	10					
Tamarack	10	Pole	8					
Quaking Aspen	5	Pole	6					
Paper Birch	5	Pole	8					
White Pine	5	Log/Pole	10					