



Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 45171

Entry Year 2025

Acreage: 1,575

County Mackinac

Management Area: St. Ignace Lake Plain

Stand Examiner: Cody Flatt

Legal Description:

T43N-R9W, Sections 2, 10 & 11

Identified Planning Goals:

The goals are to maintain and enhance age class diversity and forest health. Much of the pine was planted during the CCC days. Red pine was planted primarily, with some mixed areas of red pine, white pine and jack pine. Age class diversity for red pine is starting, with a couple areas clearcut and replanted in 1998 and 2000. There is one site that was recently planted and multiple stands that will be clearcut and replanted to red pine. The aspen has been actively managed since the 70's. The few hardwood stands in the area have all been affected by Beech Bark Disease. No additional treatment is recommended for these stands, unless the beech understory is herbicided.

Soil and topography:

The majority of the compartment is composed of nearly level and undulating areas on outwash plains and lake plains, with some gently rolling and rolling areas to very steep areas. Associated soils within this area are Wallace sand, Paquin sand, Paquin-Spot complex, and Paquin-Finch sands. The majority of Section 2 is composed of the ridge and swale complex on outwash plains and lake plains, with Wallace-Spot complex as the major soil type. The depressions and nearly level areas on lake plains and outwash plains are dominated by Markey-Spot-Finch complex.

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

State lands adjoin the compartment to the south, east and north. The Hiawatha Sportsman's Club abuts to the west. The 320 acres of private land within Section 2 is held by just 3 separate landowners. The NENE of Section 11 is the small burg of Gilchrist. Peter's Creek Ski Trail was developed in 1994. The SESE of Section 10 is a State Police radio tower site. The tower was constructed in 1999.

Unique Natural Features:

No Unique Natural Features known.

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:

Planned treatments should may be in conflict with the snowmobile trail.

Watershed and Fisheries Considerations:

This compartment contains Peters Creek and a series of unnamed streams that all serve as tributaries to the Black River. Peters Creek and the unnamed streams are all designated Type 1 trout streams less than 50 foot wide and have predicted mean July water temperatures that range from 57.0 to 60.3 °F (cold streams). 300-foot buffers are recommended for Peters Creek and unnamed streams in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, a minimum 100-foot plus 5 feet per 1% increase in slope, buffers are recommended in accordance with Best Management Practices.

Wildlife Habitat Considerations:

This compartment lies within the St. Ignace Lake Plain Management. Pre-settlement vegetation generally consisted of northern hardwoods, hemlock-beech, and hemlock-white pine forests. Dry sandy areas were dominated by white pine, hemlock, red pine, and localized jack pine forests. Lowland conifer swamps featured northern white cedar, tamarack, balsam fir, and black spruce. Current vegetation composition in the lowlands appears to be similar to the pre-settlement species composition, but upland areas are now dominated by red pine and aspen. Wildlife habitat management objectives include promoting age class diversity between aspen stands, maintaining wetland and stream corridors, and maintaining travel corridors and features for wildlife in treatments. Wetlands and stream corridors will be buffered appropriately. Management here will benefit species such as American woodcock, ruffed grouse, white-tailed deer, black bear, snowshoe hare, hawks, and other species including numerous migratory birds.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of lacustrine (lake) sand and gravel. There is insufficient data to determine the glacial drift thickness. The Silurian Engadine and Manistique Groups subcrop below the glacial drift. The Engadine is quarried for stone/limestone elsewhere in the UP. Gravel pits are not located in the compartment and potential may be limited. 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. The nearest active sand/gravel operation is just over one mile southwest. Some potential for sand (and maybe minor amounts of gravel) exists within the compartment on small ridges, but the compartment might be too far from populated areas (commercial markets) for any aggregate resources present to have much economic value beyond use by the county road commission or DNR for road maintenance. There may be potential for high-purity dolomite beneath the compartment, but it is likely too deep to have significant potential for economic development.

Vehicle Access:

Access is good to the majority of the compartment. Hiawatha Trail, a paved county road, crosses Section 11. Cranberry Lake Road, a sand county road, runs north off Hiawatha Trail. Other maintained DNR roads include Gilchrist Tower Road, North Beach Road and Peter's Creek Truck Trail. Several two track roads access other areas of the compartment.

Survey Needs:

A survey may be needed against the Hiawatha Sportsman's Club line along west line of Section 10.

Recreational Facilities and Opportunities:

Snowmobile trail #2 runs north through the central portion of the compartment. This is the main trail from Naubinway to the Newberry/Rexton cut off. Peter's Creek Ski Trail was established in 1994. It was put in and maintained by volunteers. Funding was granted for disking and seeding the trail in 2003. The area is also used for grouse, woodcock, deer and bear hunting. Fishing opportunities may exist in parts of Kinny and Peter's Creeks. Mushroom and berry picking opportunities exist within the compartment.

Fire Protection:

While the opportunity exists for wildfires within the compartment, none have been noted in recent years. Section 2 is within the southern boundary of one of the old zone dispatch areas within the Naubinway Area. Certainly the fuel types (pine) within the compartment are conducive to wildfires and the potential exists for a fire start in the areas adjacent to these types. However, this area is close to the Naubinway Office and has good vehicle access throughout most of the compartment. Access to the adjacent Hiawatha Club is through locked gates.

Additional Compartment Information:

Hiawatha Sportsman's Club is located to the west of the compartment. Notable differences in prior management are seen along this line. Most notable are where the CCC planted pine on state lands and the Hiawatha Club lands were not planted. An 800 megahertz State Police radio tower was erected in the SESE of Section 10 in 1999. The easement involves an 8 acre parcel of land.

The following reports from the Inventory are attached:

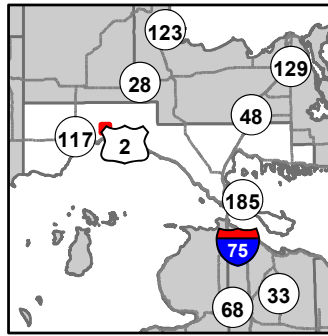
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

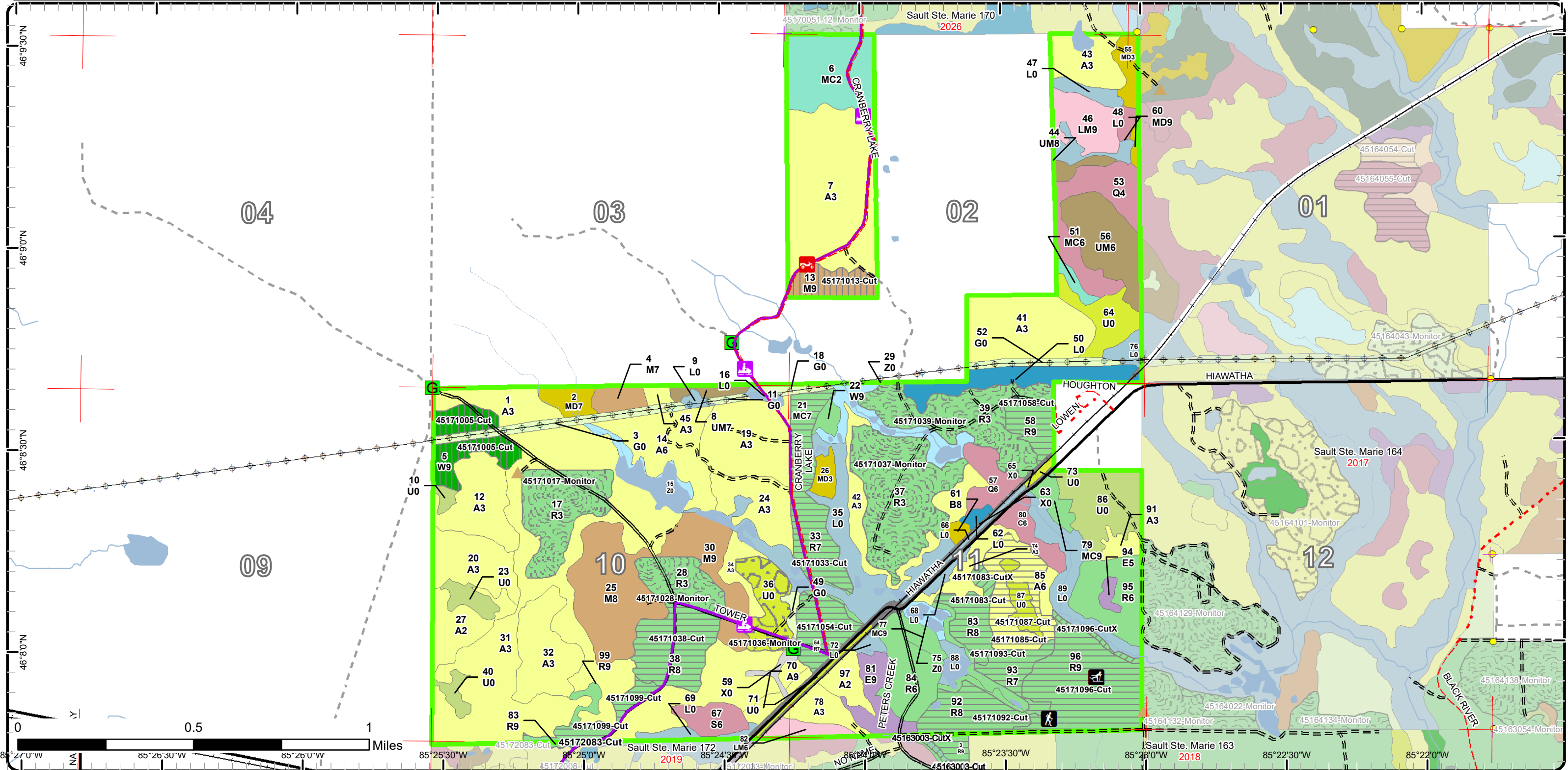
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 171
 T43N, R09W, Sec. 2, 10, 11
 County: Mackinac
 Unit: Sault Ste. Marie
 Mgmt Area: St. Ignace Lake Plain
 YOE: 2025
 Acres: 1575 GIS Calculated
 Examiner: Cody Flatt
 Map Revised: 8/7/2023
 Map Phase: Web Post

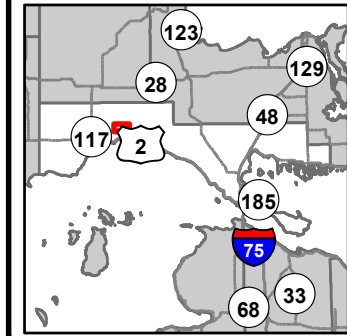


- Miris Corners
- Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Active Railroads
- Hiking Trails
- Ski Trails
- ORV Routes
- Snowmobile Trails
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- Designated Snowmobile Trails
- Berms
- Gate
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Powerline
- Compartment Boundary
- Clearcut (w/Reserves)
- Thinning (Crown, Low, Systematic)
- Regeneration Survey
- Shelter Wood (w/Reserves)
- Monitoring
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 110 - Low Intensity Urban
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 629 - Mixed Non-forested Wetland

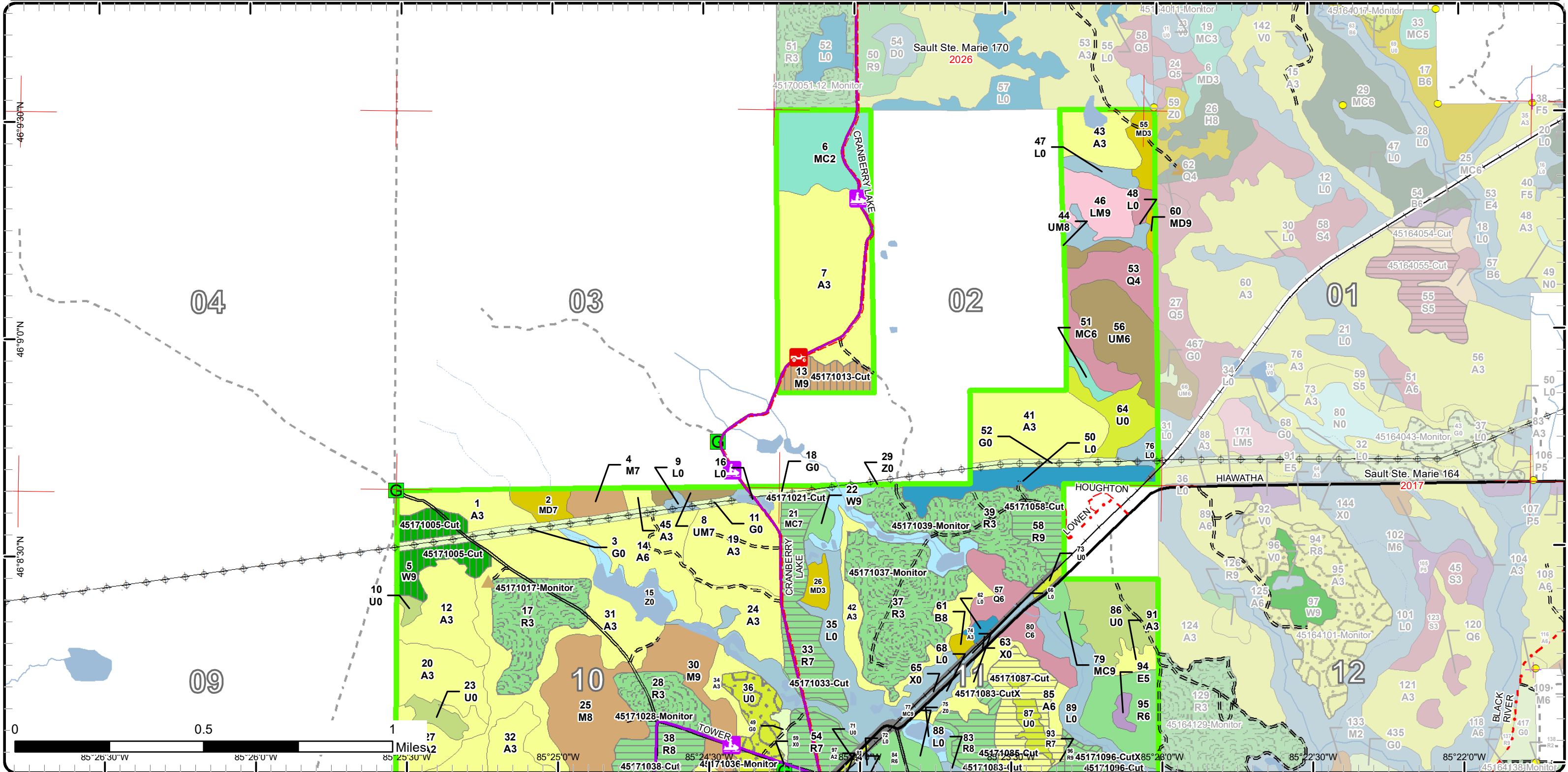


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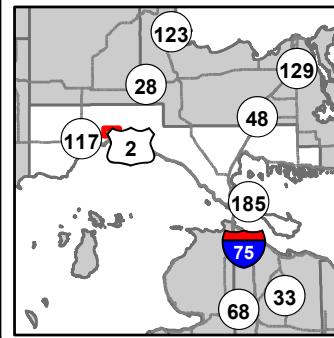


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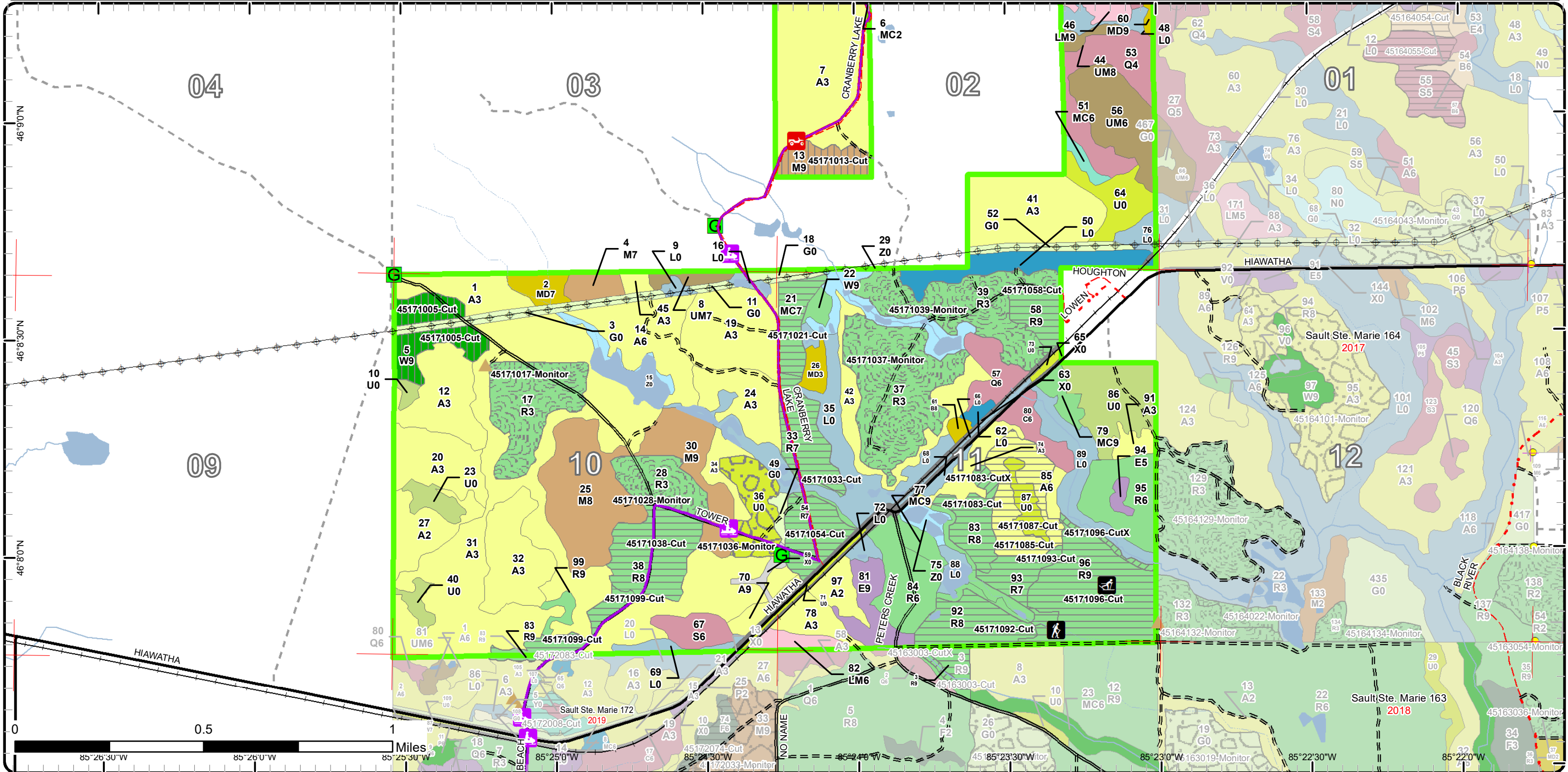


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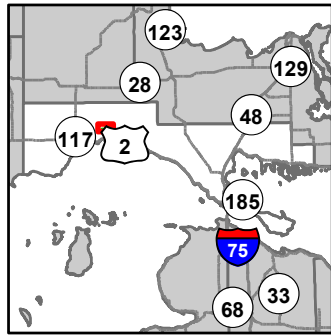


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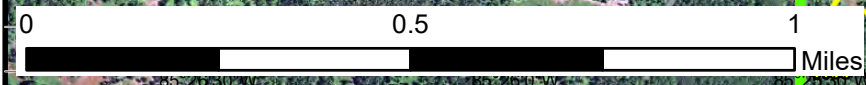
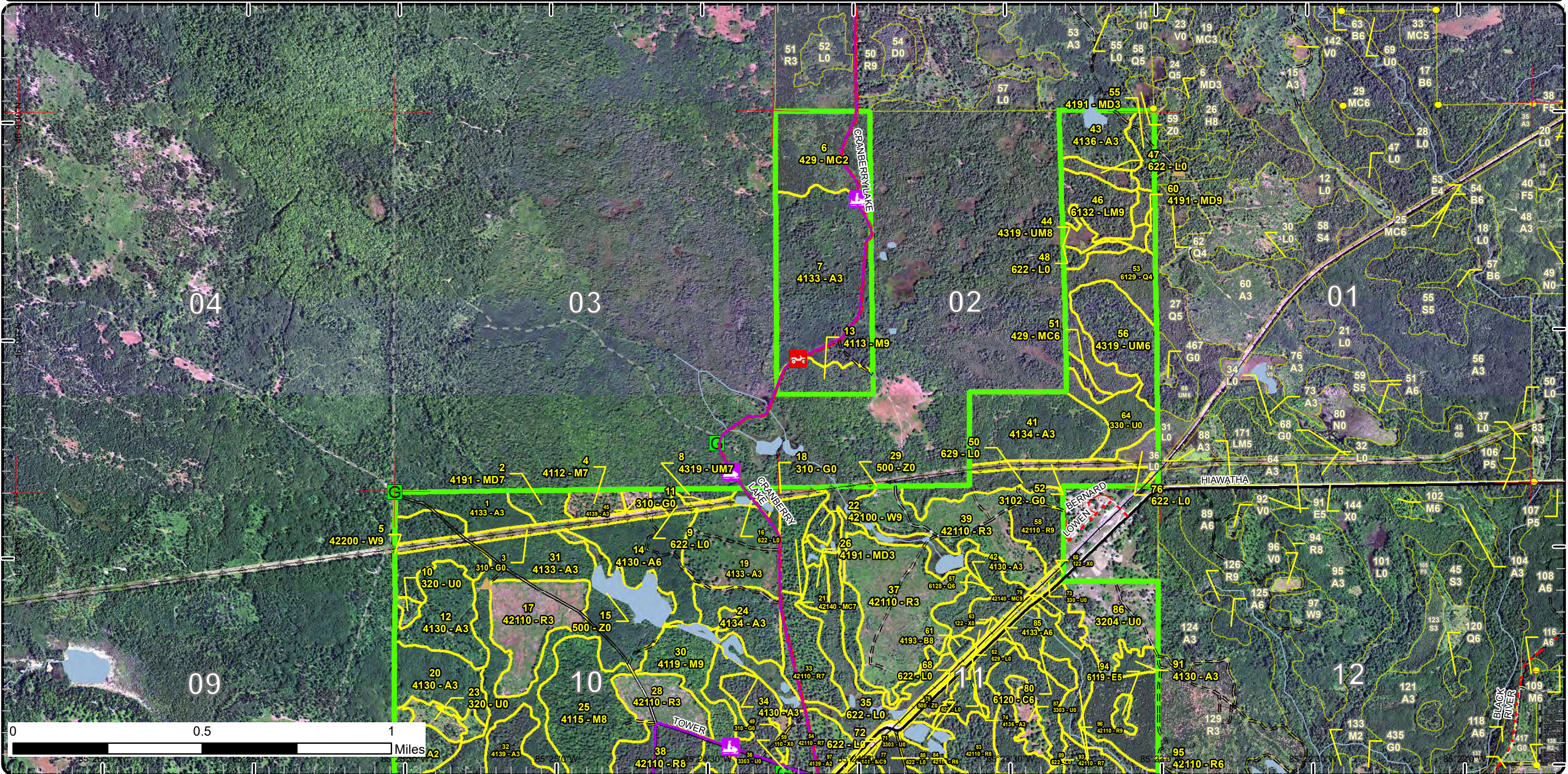


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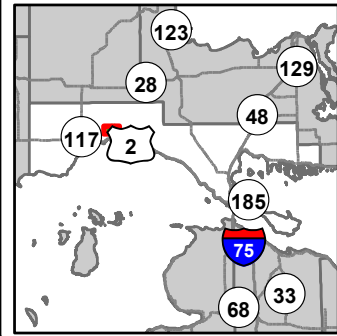


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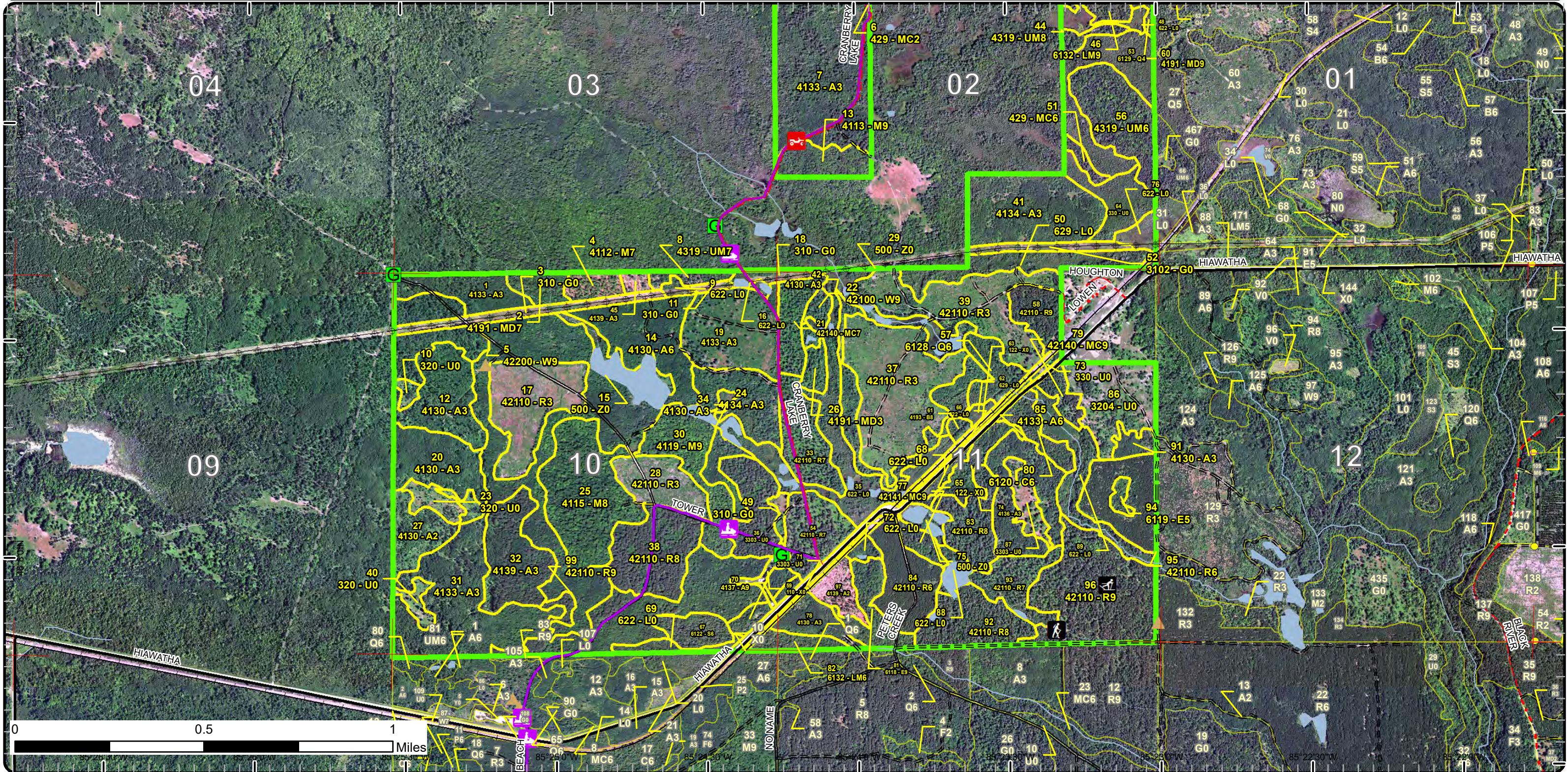


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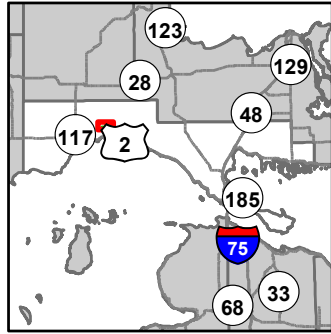


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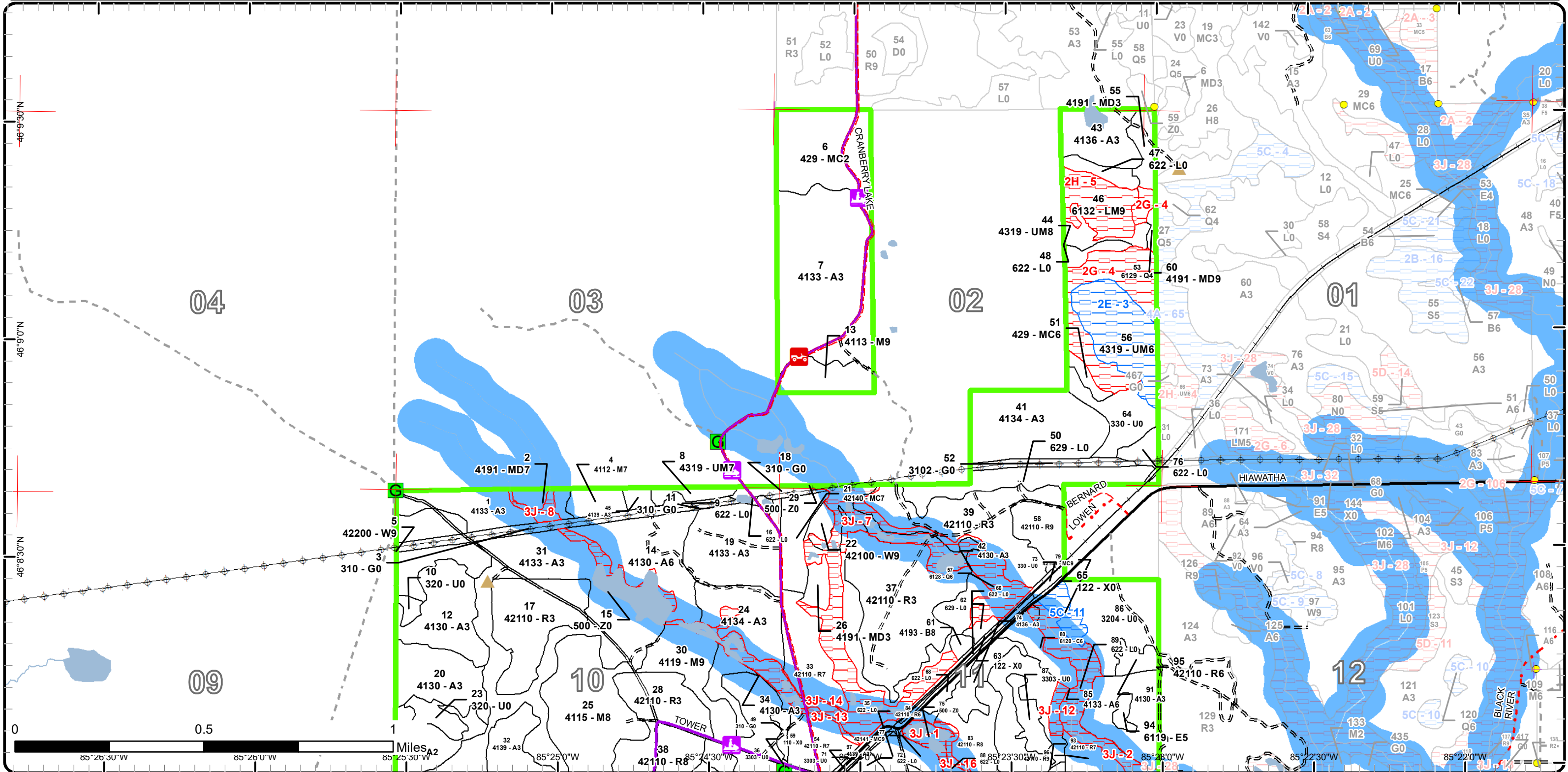


Special Conservation Areas

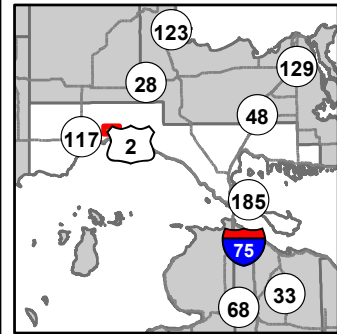
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- Available w/ Constraints
- 2E: Road needed
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3J: Water quality / BMPs (stream, river, or lake)
- Stand Boundaries
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer



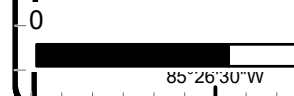
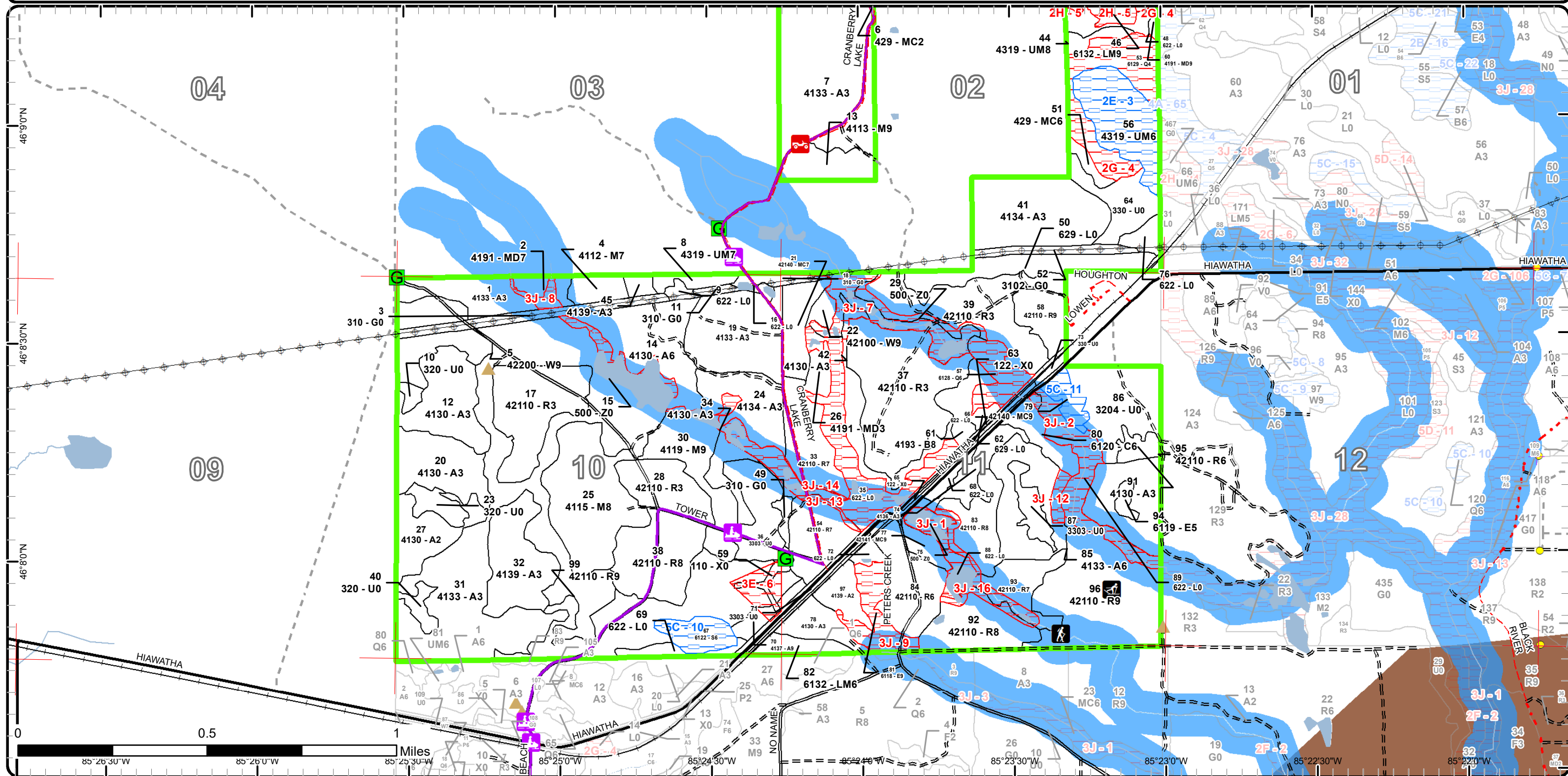
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 - 3E: Easement / lease, non-military (e.g. Consumers Power red pine, etc)
 - 3J: Water quality / BMPs (stream, river, or lake)
- Stand Boundaries
- Cold Water Lakes
- High Priority Trout Stream Buffer
- Deer Winter Range



Miles 85°26'30"W 85°25'30"W 85°24'30"W 85°23'30"W 85°22'30"W

46°9'0"N
46°8'30"N
46°8'0"N

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	37	59	132	323	0	26	0	0	5	0	0	0	0	0	0	0	0	581
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	9
Herbaceous Openland	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24
Low-Density Trees	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	28	11	0	0	0	0	0	0	39
Lowland Deciduous	0	0	0	0	0	0	0	0	0	14	3	0	0	0	0	0	0	0	16
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	17	0	7	0	0	0	0	0	23
Lowland Shrub	119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	119
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	10
Mixed Upland Deciduous	0	0	7	0	5	0	0	0	0	7	2	0	0	0	0	0	0	0	21
Northern Hardwood	0	0	0	0	0	0	0	0	0	7	79	0	0	0	0	0	0	0	86
Paper Birch	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
Planted Mixed Pines	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	12	23
Red Pine	0	144	0	45	0	0	0	0	0	199	0	0	0	0	0	0	0	0	387
Upland Conifers	0	0	0	36	0	0	0	0	0	0	3	0	0	0	0	0	0	0	39
Upland Mixed Forest	0	0	0	0	0	0	27	0	0	5	4	0	0	0	0	0	0	0	36
Upland Shrub	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40
Urban	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Water	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33
White Pine	0	0	0	0	0	0	0	0	0	3	20	0	0	0	0	0	0	0	23
Total	280	181	66	213	328	0	53	0	0	263	156	11	16	0	0	0	0	12	1574



Report 2 – Treatment Summary

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

Acres of Harvest

Compartment 171
Total Compartment Acres: 1,575

Commercial Harvest - 260
Harvests with Site Condition - 0
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	23	0	0	0	0	0	0	0	0	23
Low-Density Trees	7	0	0	0	0	0	0	0	0	7
Northern Hardwood	0	0	0	0	13	0	0	0	0	13
Planted Mixed Pines	12	0	0	0	0	0	0	0	0	12
Red Pine	180	0	0	0	0	5	0	0	0	185
White Pine	0	0	0	0	20	0	0	0	0	20
Total	223	0	0	0	33	5	0	0	0	260

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	260	0	0	0	0	0	162	0	0	422
Next Step	0	385	192	0	192	765	484	211	0	2229
Total	260	385	192	0	192	765	646	211	0	2652



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:

3	45163003-Cut	4.9	42110 - Planted Red Pine	Sawtimber Well	88	111- 140	Harvest	Clearcut	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Cut all trees 1" or greater at DBH. No retention due to follow up planting operations. <u>Specs:</u> <u>Next Step</u> Burn, Slash; SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Skidder - Site Prep; Planting, Initial Plant; Pesticide, Skidder - <u>Treatments:</u> Release; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr); Other, Pre-Commercial <u>Acceptable</u> RP <u>Regen:</u> <u>Other</u> Replant to red pine <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2017</p>											
3	45163003-CutX	1.8	42110 - Planted Red Pine	Sawtimber Well	88	111- 140	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Thin red pine in RMZ to 60-80 BA. This area is buffer between creek and clearcut, and will be long term retention following harvest <u>Specs:</u> operations. Do not extend boundary down slope toward creek. Treatment size may vary depending on boundary edge. <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> RP <u>Regen:</u> <u>Other</u> Minimum 100-foot plus 5 feet per 1% increase in slope buffer from floodplain edge. <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2017</p>											
5	45171005-Cut	19.8	42200 - Natural White Pine	Sawtimber Well	90	81-110	Harvest	Shelterwood with Retention	4220 - Natural White Pine	Two-Aged	No
<p><u>Prescription</u> Cut tree mark or leave tree mark pine to 50-60 BA, retain the healthier WP. Cut all other species 4" or greater at DBH. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> white pine, jack pine, red pine, aspen, maple, birch, spruce/fir <u>Regen:</u> <u>Other</u> Treatment size may vary <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2024</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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13 45171013-Cut	12.9	4113 - R.Maple, Conifer	Sawtimber Well	90	81-110	Harvest	Shelterwood	411 - Northern Hardwood	Uneven-Aged	No
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Prescription Leave tree mark stand to 40-60 BA, leaving mostly healthy hardwood trees with some conifers.

Specs:

Next Step Monitoring, Natural Regen (Intermediate)

Treatments:

Acceptable Maple, cherry, ash, aspen, pine, spruce

Regen:

Other Remove most BF to allow hardwood regeneration to establish

Comment:

Site Condition

Proposed Start Date: 10/1 /2024

17 45171017-Monitor	32.6	42110 - Planted Red Pine	Sapling Well	9	Immature	Monitoring	Herbicide Use	4211 - Planted Red Pine	Even-Aged	No
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Prescription Monitor for RHPS

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2024

21 45171021-Cut	12.4	42140 - Planted Mixed Pine	Sawtimber Poor	88	1-50	Harvest	Clearcut	4211 - Planted Red Pine	Even-Aged	No
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Prescription Final harvest red plantation. Harvest all species over 1" DBH. No retention due to follow up planting operations.

Specs:

Next Step Burn, Slash; SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Skidder - Site Prep; Pesticide, Aerial - Site Prep; Planting,

Treatments: Initial Plant; Pesticide, Skidder - Release; Pesticide, Aerial - Release; Monitoring, Artificial Regen(1y

Acceptable red pine

Regen:

Other Treatment size may vary

Comment: Needs to be chipped to keep as RP.

Site Condition

Proposed Start Date: 10/6 /2023

28 45171028-Monitor	17.7	42110 - Planted Red Pine	Sapling Well	9	Immature	Monitoring	Herbicide Use	4211 - Planted Red Pine	Even-Aged	No
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Prescription Monitor for RHPS

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2024



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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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33 45171033-Cut	19.1	42110 - Planted Red Pine	Sawtimber Poor	88	1-50	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
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Prescription Final harvest red pine plantation. Harvest all species over 1" DBH. Buffer wetland area. Retention will be left in buffer. Treatment area may vary due to wetland buffer.
Specs:

Next Step Burn, Slash; SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Skidder - Site Prep; Pesticide, Aerial - Site Prep; Planting, Treatments: Initial Plant; Pesticide, Skidder - Release; Pesticide, Aerial - Release; Monitoring, Artificial Regen(1y)

Acceptable red pine
Regen:

Other Buffer a minimum 100-foot plus 5 feet per 1% increase in slope
Comment:

Site Condition

Proposed Start Date: 10/6 /2023

37 45171037-Monitor	53.2	42110 - Planted Red Pine	Sapling Well	9	Immature	Monitoring	Herbicide Use	4211 - Planted Red Pine	Even-Aged	No
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Prescription Continue to monitor for pest
Specs:

Next Step
Treatments:

Acceptable RP
Regen:

Other Percent to Treat = 100%
Comment:

Site Condition

Proposed Start Date: 10/1 /2023

38 45171038-Cut	29.0	42110 - Planted Red Pine	Sawtimber Medium	88	111-140	Harvest	Clearcut	4211 - Planted Red Pine	Even-Aged	No
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Prescription Final harvest red pine plantation. Harvest all species over 1" DBH. No retention due to follow up planting operations.
Specs:

Next Step Burn, Slash; SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Skidder - Site Prep; Pesticide, Aerial - Site Prep; Planting, Treatments: Initial Plant; Pesticide, Skidder - Release; Pesticide, Aerial - Release; Monitoring, Artificial Regen(1y)

Acceptable Red Pine
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/6 /2023

39 45171039-Monitor	40.4	42110 - Planted Red Pine	Sapling Well	9	Immature	Monitoring	Herbicide Use	4211 - Planted Red Pine	Even-Aged	No
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Prescription Monitor for RHPS
Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

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
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54	45171054-Cut	16.9	42110 - Planted Red Pine	Sawtimber Poor	88	51-80	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
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Prescription Final harvest red pine plantation. Harvest all species over 1" DBH. Buffer wetland area. Retention will be left in buffer. Treatment area may vary due to wetland buffer.

Next Step Burn, Slash; SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Skidder - Site Prep; Pesticide, Aerial - Site Prep; Planting, Treatments: Initial Plant; Pesticide, Skidder - Release; Pesticide, Aerial - Release; Monitoring, Artificial Regen(1y)

Acceptable red pine
Regen:

Other Buffer a minimum 100-foot plus 5 feet per 1% increase in slope
Comment:

Site Condition

Proposed Start Date: 10/6 /2023

58	45171058-Cut	11.5	42110 - Planted Red Pine	Sawtimber Well	88	111- 140	Harvest	Clearcut	4211 - Planted Red Pine	Even-Aged	No
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Prescription Final harvest red pine plantation. Harvest all species over 1" DBH. No retention due to follow up planting operations.

Next Step Burn, Slash; SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Skidder - Site Prep; Planting, Initial Plant; Pesticide, Skidder - Treatments: Release; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr); Other, Pre-Commercial

Acceptable RP
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/6 /2023

83	45171083-Cut	12.4	42110 - Planted Red Pine	Sawtimber Medium	88	81-110	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
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Prescription Final harvest red pine plantation. Harvest all species over 1" DBH. Buffer wetland. Retention will be left in buffer. Treatment area may vary due to wetland buffer and Peter's Creek Ski Trail location.

Next Step Burn, Slash; SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Skidder - Site Prep; Pesticide, Aerial - Site Prep; Planting, Treatments: Initial Plant; Pesticide, Skidder - Release; Pesticide, Aerial - Release; Monitoring, Artificial Regen(1y)

Acceptable red pine
Regen:

Other Buffer a minimum 100-foot plus 5 feet per 1% increase in slope
Comment:

Site Condition

Proposed Start Date: 10/1 /2024

83	45171083- CutX	2.5	42110 - Planted Red Pine	Sawtimber Medium	88	81-110	Harvest	Crown Thinning	4319 - Mixed Upland Forest	Two-Aged	No
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Prescription Thin to 60-80 BA then leave as patch retention for adjacent clearcuts.

Next Step
Treatments:

Acceptable pine, aspen, maple, cherry, birch
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2024



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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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85	45171085-Cut	23.3	4133 - Aspen, Mixed Pine	Poletimber Well	50	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Cut all deciduous trees 2" or more at DBH and all conifer 4" or more at DBH. Leave 3%-10% retention. Buffer creek 300'. Leave some mature aspen in boundary line along the edge of stand 74 for age class diversity and wildlife along the young aspen. Leave brush piles for hare habitat, 1 pile per 2 acres.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Aspen, cherry, maple, birch, pine, spruce/fir

Other Comment: If chipping occurs, all merchantable may be cut including 2" deciduous and 4" conifer. Maintain 1/6 to 1/3 CWD.

Retention acreage will be met within the creek buffer.

Site Condition

Proposed Start Date: 10/1 /2024

87	45171087-Cut	7.0	3303 - Mixed Low Density Trees	Nonstocked		Unspecified	Harvest	Clearcut	310 - Herbaceous Openland		No
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Prescription Opening maintenance. Cut all trees within opening.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: None

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2024

92	45171092-Cut	20.1	42110 - Planted Red Pine	Sawtimber Medium	88	81-110	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
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Prescription Final harvest red pine plantation. Harvest all species over 1" DBH. Buffer wetland area. Retention will be left in buffer. Treatment area may vary due to wetland buffer.

Next Step Burn, Slash; SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Skidder - Site Prep; Pesticide, Aerial - Site Prep; Planting, Treatments: Initial Plant; Pesticide, Skidder - Release; Pesticide, Aerial - Release; Monitoring, Artificial Regen(1y)

Acceptable Regen: red pine

Other Comment: Buffer a minimum 100-foot plus 5 feet per 1% increase in slope

Site Condition

Proposed Start Date: 10/1 /2024



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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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93	45171093-Cut	11.8	42110 - Planted Red Pine	Sawtimber Poor	88	1-50	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
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Prescription Final harvest red pine plantation. Harvest all species over 1" DBH. Buffer wetland area. Retention will be left in buffer. Treatment area may vary due to wetland buffer and location of Peter's Creek Ski Trail.
Specs:

Next Step Burn, Slash; SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Skidder - Site Prep; Pesticide, Aerial - Site Prep; Planting, Treatments: Initial Plant; Pesticide, Skidder - Release; Pesticide, Aerial - Release; Monitoring, Artificial Regen(1y)

Acceptable red pine
Regen:

Other Buffer a minimum 100-foot plus 5 feet per 1% increase in slope
Comment:

Site Condition

Proposed Start Date: 10/1 /2024

96	45171096-Cut	49.1	42110 - Planted Red Pine	Sawtimber Well	88	111-140	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
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Prescription Final harvest red pine plantation. Harvest all species over 1" DBH. Retention will be left in buffer of drainage and creek. Treatment size may vary depending on buffer boundary.
Specs:

Next Step Burn, Slash; SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Skidder - Site Prep; Pesticide, Aerial - Site Prep; Planting, Treatments: Initial Plant; Pesticide, Skidder - Release; Pesticide, Aerial - Release; Monitoring, Artificial Regen(1y)

Acceptable red pine
Regen:

Other Buffer a minimum 100-foot plus 5 feet per 1% increase in slope
Comment:

Site Condition

Proposed Start Date: 10/1 /2024

96	45171096-CutX	2.4	42110 - Planted Red Pine	Sawtimber Well	88	111-140	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	No
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Prescription Thin red pine in RMZ to 60-80 BA. Leave as long term retention following harvest. Do not extend boundary down slope toward creek.
Specs: Treatment size may vary depending on boundary edge.

Next Step
Treatments:

Acceptable red pine
Regen:

Other This will be the buffer between clearcut and creek. Minimum 100 foot plus 5 feet per 1% increase in slope from floodplain edge.
Comment:

Site Condition

Proposed Start Date: 10/1 /2024

99	45171099-Cut	10.1	42110 - Planted Red Pine	Sawtimber Well	88	81-110	Harvest	Clearcut	4211 - Planted Red Pine	Even-Aged	No
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Prescription Final harvest red pine plantation. Harvest all species over 1" DBH. No retention due to follow up planting operations.
Specs:

Next Step Burn, Slash; SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Skidder - Site Prep; Pesticide, Aerial - Site Prep; Planting, Treatments: Initial Plant; Pesticide, Skidder - Release; Pesticide, Aerial - Release; Monitoring, Artificial Regen(1y)

Acceptable red pine
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/6 /2023



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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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83	45172083-Cut	1.6	42110 - Planted Red Pine	Sawtimber Well	88	81-110	Harvest	Clearcut	4211 - Planted Red Pine	Even-Aged	No
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Prescription Final harvest red pine plantation. Harvest all species over 1" DBH. No retention due to follow up planting operations.

Specs:

Next Step Treatments: Burn, Slash; SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Skidder - Site Prep; Pesticide, Aerial - Site Prep; Planting, Initial Plant; Pesticide, Skidder - Release; Pesticide, Aerial - Release; Monitoring, Artificial Regen(1y)

Acceptable Regen: red pine

Other Comment:

Site Condition

Proposed Start Date: 10/6 /2023

Approved Treatments:

36	45171036-Monitor	18.2	3303 - Mixed Low Density Trees	Nonstocked	0	Unspecified	Monitoring	Artificial Regen(1yr)	4211 - Planted Red Pine	Even-Aged	No
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Prescription Red pine regeneration survey.

Specs:

Next Step Treatments: Monitoring, Herbicide Use; Other, Pre-Commercial Thinning - Hand; ; Pesticide, Skidder - Release; Monitoring, Artificial Regen(3yr)

Acceptable Regen: Red pine

Other Comment:

Site Condition Percent to Treat = 100%

Proposed Start Date: 10/1 /2022

Total Treatment Acreage Proposed: 430.7

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Cody Flatt : Examiner

Compartment: 171

Year of Entry: 2025

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions					
		With Condition	Not Available		2E	5C	2G	2H	3E	3J
581	571	0	10	Aspen					6	5
9	9	0	1	Cedar						1
24	24	0	0	Herbaceous Openland						0
44	44	0	0	Low-Density Trees			0		0	
40	0	0	40	Lowland Conifers			28			11
16	2	0	14	Lowland Deciduous						14
23	6	0	17	Lowland Mixed Forest			0	17		
119	55	0	64	Lowland Shrub			0	0		64
10	0	10	0	Lowland Spruce/Fir		10				
21	18	0	3	Mixed Upland Deciduous						3
87	87	0	0	Northern Hardwood						
2	2	0	0	Paper Birch						
23	17	6	0	Planted Mixed Pines		6				0
386	372	0	15	Red Pine						15
38	38	0	0	Upland Conifers			0			
35	8	27	0	Upland Mixed Forest	27		0			
40	40	0	0	Upland Shrub						0
20	18	0	2	Urban					2	0
33	0	0	33	Water						33
23	23	0	0	White Pine						0
1,575	1,334	43	198	Total Forested Acres	27	16	28	17	8	145
	85%	3%	13%	Relative Percent						

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

Site No.	Dominant Site Cond	Dominant Site Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	3J: Water quality / BMPs (stream, river, or lake)		10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:								

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Cody Flatt : Examiner

Compartment: 171

Year of Entry: 2025

2	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	20	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Available	2E: Road needed	27	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Upland site set up with adjacent C-164 as optional unit but not cut. Access would entail crossing very low, wet ground or require a RR crossing which is cost prohibitive. Stand continues into C-164.							
4	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	28	5D: Unproductive Forest Land	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	17	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	3E: Easement / lease, non-military (e.g.- Consumers Power red pine, etc)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments: State Police Tower site							
7	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	86	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Cody Flatt : Examiner

Compartment: 171

Year of Entry: 2025

8	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	3	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	1	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Cody Flatt : Examiner

Compartment: 171

Year of Entry: 2025

14	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	1	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments:							
16	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	8	5E: Long-Term Retention	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	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																										
1	4133 - Aspen, Mixed Pine	Sapling Well	16.4	32	Immature	N/A	Scattered white pine left.																																																										
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2	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Poor	7.2	86	1-50	N/A	Cut as part of H-40 Mix sale #45-113-15-01 in 2016. Areas of stand are buffer of creek that runs through stand. Mixed regen coming up in areas that were harvested.																																																										
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3	310 - Herbaceous Openland	Nonstocked	11.2		Unspecified	Managed Opening	Edison-Sault power line R-O-W.																																																										
4	4112 - Maple, Beech, Cherry Association	Sawtimber Poor	6.7	86	1-50	N/A	Harvested in 2016 as part of H-40 Mix 451131501. A lot of aspen, maple, and cherry regen. Almost two aged with the amount of regen coming in.																																																										
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5	42200 - Natural White Pine	Sawtimber Well	19.8	90	81-110	N/A	White pine is limby and weeviled. Variable dbh (6"-18") white pine.																																																										
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6	429 - Mixed Upland Conifers	Sapling Medium	35.5	23	Immature	N/A	Cut in 1999 and planted 4/29/2000 (FTP C44-511). Red pine becoming poles. Areas that were either not planted to red pine or red pine failed to establish filled in with aspen and mixed conifer, many low wet areas throughout.																																																										
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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7	4133 - Aspen, Mixed Pine	Sapling Well	72.4	36	51-80	N/A	RP left standing. Pockets of wet ground - too complex to type out. Mixed aspen and red maple with red pine overstory.
Canopy Species	% Cover	Size Class	DBH	Age			
Red Pine	25	Log/XLog	16	88			
Red Maple	10	Sapling/Pole	3				
White Pine	2	Pole	6				
Balsam Fir	3	Sapling/Pole	4				
Quaking Aspen	60	Sapling/Pole	4	36			
Sub-Canopy Species	Density	Avg. Height	Size				
Balsam Fir	Low	Variable	Sapling				
Red Maple	Low	Variable	Sapling				
Willow spp.	Low	Variable	Tall Shrub				

8	4319 - Mixed Upland Forest	Sawtimber Poor	4.6	86	1-50	N/A	Stand was cut in 2016 as part of H-40 Mix 451131501. Nice understory regeneration
Canopy Species	% Cover	Size Class	DBH	Age			
Red Maple	25	Log/Pole	10	86			
Paper Birch	5	Log/Pole	10				
Balsam Fir	20	Pole	8				
Hemlock	15	Log/Pole	14				
Quaking Aspen	20	Log	12				
White Pine	15	Log	14				
Sub-Canopy Species	Density	Avg. Height	Size				
Balsam Fir	Medium	Variable	Sapling				
Quaking Aspen	Medium	Variable	Sapling				
Maple (spp.)	Medium	Variable	Sapling				

9	622 - Lowland Shrub	Nonstocked	1.9		Unspecified	No	Edison-Sault power line R-O-W.
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10	320 - Upland Shrub	Nonstocked	2.2		Unspecified	No	Contains some unmerchantable pine and aspen. Good for wildlife.
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11	310 - Herbaceous Openland	Nonstocked	1.5		Unspecified	Managed Opening	Edison-Sault power line R-O-W.
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12	4130 - Aspen	Sapling Well	25.4	16	Immature	N/A	Scattered white pine, red pine and beech left. Most large beech has succumbed to BBD. Nice looking aspen regen. Stand was cut as sale 2nd Half Aspen in 2006-2007
Canopy Species	% Cover	Size Class	DBH	Age			
Quaking Aspen	35	Sapling	2	16			
Black Cherry	10	Sapling	2				
White Pine	10	Log	12				
Beech	5	Sapling	2				
Red Maple	5	Sapling	2				
Bigtooth Aspen	35	Sapling/Pole	3	16			

13	4113 - R.Maple, Conifer	Sawtimber Well	12.9	90	81-110	N/A	Red maple with rot and forks. Lots of balsam understory. Some RP on north and east ends.
Canopy Species	% Cover	Size Class	DBH	Age			
Red Pine	15	Log	16	88			
Red Maple	65	Log/Pole	10	90			
Balsam Fir	20	Pole	8				
Sub-Canopy Species	Density	Avg. Height	Size				
Balsam Fir	Full	Variable	Sapling				
Red Maple	Low	Variable	Sapling				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																														
14	4130 - Aspen	Poletimber Well	30.0	35	81-110	N/A	A few small openings within stand. Mixed stand in some areas, more pure aspen in others. More pure aspen areas have higher DBH.																																														
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15	500 - Water	Nonstocked	12.0		Unspecified	No	Headwaters of Kinny Creek																																														
16	622 - Lowland Shrub	Nonstocked	2.1		Unspecified	No	Low, bog area on Edison-Sault power line R-O-W, with Cranberry Lake Road bisecting it.																																														
17	42110 - Planted Red Pine	Sapling Well	32.6	9	Immature	N/A	2023- good looking fully stocked RP saplings, ave 8'-10' height																																														
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19	4133 - Aspen, Mixed Pine	Sapling Well	33.2	12	Immature	N/A	Aspen is coming along nicely in most areas, some openings beginning to fill in with either aspen or conifer saplings.																																														
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21	42140 - Planted Mixed Pine	Sawtimber Poor	12.4	88	1-50	N/A	Mixed red pine white pine overstory with hwd regen understory																																																			
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22	42100 - Planted White Pine	Sawtimber Well	3.2	88	51-80	N/A	Mostly upland with wet spots and drainages. WP is limby.																																																			
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23	320 - Upland Shrub	Nonstocked	6.1		Unspecified	No	Mostly open. WP of various sizes - 4" max dbh but short, bushy. Cherry shrubs - small.																																																			
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24	4134 - Aspen, Spruce/Fir	Sapling Well	20.1	34	Immature	N/A	2023- open areas have mostly filled in, mixed stand 2013-Includes some semi-open areas.																																																			
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25	4115 - Y.Birch, Hemlock NH	Sawtimber Medium	43.4	90	51-80	N/A	2023- Most residual beech have died from BBD. Low BA, lots of beech and maple saplings 2013-RM with dying tops. Beech pretty well gone from BBD - some still hanging on, others fallen over.																																																			
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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26 4191 - Mixed Upland Deciduous with Conifer Sapling Well 4.7 34 Immature N/A Upland/lowland with drainages.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	35	Sapling/Pole	3	34
Balsam Fir	12	Sapling/Pole	4	
White Spruce	5	Sapling	2	
White Pine	5	Log	14	
Hemlock	3	Log	12	
Red Pine	5	Log	14	88
Sugar Maple	15	Sapling	2	
Quaking Aspen	15	Sapling/Pole	3	
White Pine	5	Sapling	2	

Sub-Canopy Species	Density	Avg. Height	Size
Maple (spp.)	Low	Variable	Sapling
Tag Alder	Medium	Variable	Tall Shrub

27 4130 - Aspen Sapling Medium 17.0 25 Unspecified N/A Some scattered semi-open areas. Areas where aspen has established looks good.

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	35	Sapling/Pole	4	
Black Cherry	5	Sapling	1	
Balsam Fir	2	Sapling	2	
Jack Pine	2	Sapling	2	
Quaking Aspen	40	Sapling	3	25
White Pine	6	Sapling	2	
Red Maple	10	Sapling	2	

Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	Low	< 5 feet	Sapling

28 42110 - Planted Red Pine Sapling Well 17.7 9 Immature N/A 2023- Fully stocked RP saplings ave. 8'-12' height

Canopy Species	% Cover	Size Class	DBH	Age
Red Pine	100	Sapling	2	9

Cut as part of Fresh Stump Red Pine RPP in 2010. Planted in 2014. Release sprayed in 2016. 1st and 3rd year regen surveys completed. Continue to monitor for release and pest management. Spray as needed. Aerial Release sprayed in 2018. FTP 44-584. Rodeo/Garlon.

29 500 - Water Nonstocked 16.5 Unspecified No Headwaters of Kinny and Peter's Creek.

30 4119 - Mixed Northern Hardwoods Sawtimber Well 23.5 90 51-80 N/A Some RM with dying tops. Beech pretty well gone from BBD - some hanging on a little, some fallen over already.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	10	Log/Pole	10	
Red Maple	60	Log/Pole	10	90
Beech	5	Log	10	
Yellow Birch	15	Log/Pole	10	
White Pine	5	Log	16	
Paper Birch	5	Log/Pole	10	

Sub-Canopy Species	Density	Avg. Height	Size
Beech	High	Variable	Sapling
Striped Maple	Low	Variable	Tall Shrub
Balsam Fir	Medium	Variable	Sapling
Maple (spp.)	Medium	Variable	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																
31	4133 - Aspen, Mixed Pine	Sapling Well	166.6	36	51-80	N/A	Some residual red pine in areas. Cut in several different sales from 1984 to 1987. On edge between sap and pole.																																																
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32	4139 - Aspen, Mixed Deciduous	Sapling Well	26.6	6	Immature	N/A	Was previously stands 32, 45, 98, 100. Stands were cut and plan was to burn slash and replant to red pine. Lost stands to aspen and maple regen growth. All one mixed deciduous aspen stand now. Cut in 2017 as part of 1-2-3 Red Pine sale #451101501. FTP 44-616.																																																
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33	42110 - Planted Red Pine	Sawtimber Poor	19.6	88	1-50	N/A	Not much pine regeneration present, a lot of hwd regen. FTP C44-551 for herbicide and scarification for natural regeneration of pine. Thinned in 1989; shelterwood cut in 2010.																																																
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34	4130 - Aspen	Sapling Well	7.1	36	Unspecified	N/A	Narrow strip clearcut between M6 and RP plantation.																																																
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Balsam Fir	Low	Variable	Sapling																																																				
35	622 - Lowland Shrub	Nonstocked	40.6		Unspecified	No	Headwaters of Kinny and Peter's Creek.																																																
36	3303 - Mixed Low Density Trees	Nonstocked	18.2	0	Unspecified	42110 - Planted Red Pine	Stand was burned in 1, 2, 3 RP Burn in 2021. Trenched on 8/26/22. Stand was clearcut as part of 1-2-3 Red Pine sale #451101501 in 2017. Planted on 05/03/2023.																																																



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																														
37	42110 - Planted Red Pine	Sapling Well	53.2	9	Immature	N/A	Good looking red pine saplings.																																														
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38	42110 - Planted Red Pine	Sawtimber Medium	29.0	88	111-140	N/A	2023- Understory is variable density.																																														
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39	42110 - Planted Red Pine	Sapling Well	40.4	9	Immature	N/A	Good looking red pine saplings. Very east side along lowland stand and private is coming back to deciduous mix and fir.																																														
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40	320 - Upland Shrub	Nonstocked	4.1		Unspecified	No	Scattered pines																																														
41	4134 - Aspen, Spruce/Fir	Sapling Well	39.2	29	Immature	N/A	Some wet areas. Small approx. 2 acre cedar inclusion in northwest corner. Several semi-open areas.																																														
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42	4130 - Aspen	Sapling Well	20.6	23	Unspecified	N/A	This stand was originally part of larger pine stand 37. Became a stand of its own after the larger pine stand was thinned in 2000 as part of Pot Pine. This area must have been thinned heavier and grew back to aspen. Was left when adjacent pine was clearcut and replanted.																																														
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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 4136 - Aspen, Mixed Conifer Sapling Well 17.8 26 Immature N/A WP and hemlock left standing. Low pocket within stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	10	Log	14		Serviceberry (Juneberry)	Low	5 - 10 feet	Tall Shrub
Black Cherry	10	Sapling	2		Balsam Fir	Low	Variable	Sapling
Balsam Fir	5	Sapling	2		Red Maple	Medium	5 - 10 feet	Sapling
Bigtooth Aspen	20	Sapling	3		White Pine	Low	Variable	Sapling
Quaking Aspen	40	Sapling	2	26				
Red Maple	10	Sapling	2					
Hemlock	5	Log	14					

44 4319 - Mixed Upland Forest Sawtimber Medium 3.6 90 51-80 N/A Small upland ridge within low, wet swamp.

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	5	Pole/Sapling	5	
White Pine	20	Log	14	
Black Spruce	5	Pole	6	
Balsam Fir	20	Pole/Sapling	6	
Quaking Aspen	5	Log/Pole	11	
Paper Birch	25	Log/Pole	10	90
Red Maple	20	Pole/Log	10	

45 4139 - Aspen, Mixed Deciduous Sapling Well 2.6 7 Immature N/A Harvested in 2016 as part of H-40 Mix 451131501. This area of was clear cut and is regenerating really well to aspen, maple, and cherry. Some residual white pine overstory.

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	5	Log/Pole	12	
Black Cherry	25	Sapling	1	
Quaking Aspen	45	Sapling	1	7
Red Maple	25	Sapling	1	

46 6132 - Mixed Lowland Forest with Cedar Sawtimber Well 16.8 90 51-80 N/A Mix of upland and lowland, surrounded by low, wet swamp. No good access into stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	10	Pole	6		Red Maple	Low	Variable	Sapling
Paper Birch	20	Pole/Log	9		Conifers	Low	Variable	Sapling
Quaking Aspen	10	Log/Pole	11		Balsam Fir	Medium	Variable	Sapling
Northern White Cedar	20	Pole	7					
Red Maple	20	Log/Pole	10	90				
White Pine	20	Log/XLog	16					

47 622 - Lowland Shrub Nonstocked 5.0 Unspecified No Seasonally wet bog/pond.

48 622 - Lowland Shrub Nonstocked 6.0 Unspecified No



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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49 310 - Herbaceous Openland Nonstocked 2.3 Unspecified Managed Opening Southern area burned with adjacent pine underburn.

50 629 - Mixed non-forested wetland Nonstocked 20.9 Unspecified No Some scattered trees.

51 429 - Mixed Upland Conifers Poletimber Well 3.0 90 51-80 N/A Narrow ridge in middle of swamp. No good access into stand.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	25	Pole/Sapling	6	
White Spruce	10	Pole	7	
Quaking Aspen	5	Pole/Log	9	
Red Maple	10	Pole/Log	9	
Black Spruce	15	Pole/Sapling	6	
White Pine	25	Log/Pole	14	90
Paper Birch	10	Pole	7	

52 3102 - Grass Nonstocked 6.0 Unspecified Managed Opening Edison-Sault power line R-O-W.

53 6129 - Mixed Coniferous Lowland Forest Poletimber Poor 28.3 90 1-50 N/A Non-productive swamp with tag alder. Mixed swamp conifers. Wet.

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	30	Pole/Sapling	5	
Northern White Cedar	40	Pole	6	90
White Pine	5	Log/Pole	10	
Red Maple	5	Pole	7	
Balsam Fir	10	Pole/Sapling	6	
Tamarack	10	Pole/Sapling	5	

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Medium	5 - 10 feet	Tall Shrub

54 42110 - Planted Red Pine Sawtimber Poor 18.1 88 51-80 N/A Underburned in 2002. FTP 44-460. HM regen spotty but widespread - 3'-10' tall. A few small areas with natural JP, RP regen 3'-5' tall. Burned again in 2018.

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	10	Log	14	
Red Pine	90	Log/XLog	16	88

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	High	5 - 10 feet	Sapling
Black Cherry	Low	< 5 feet	Sapling
Jack Pine	Low	< 5 feet	Sapling
Sugar Maple	Low	5 - 10 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																					
55	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	7.1	13	Immature	N/A	Stand was strip cut in 1974 (1 chain cut, 2 chains left). Good reproduction (RM, Cherry, WB, H) at last entry warranted a shelterwood-seed cut. That cut was complete in 2010. It currently is a 3-storied stand: H & YB log over 1974 cut regen (40'-50' tall) and 2000 cut (10'-20' tall).																																																					
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56	4319 - Mixed Upland Forest	Poletimber Well	27.2	50	81-110	N/A	Was an optional unit with adjacent compartment (C-164) sale (All or Nothing). Best access is across the RR, but is cost prohibitive. Walked up into stand in early March, no good access into stand. Most of stand is balsam fir poles with a mix of spruce, aspen, red maple, and birch. Not a lot of economic value at this time, let fir grow until better access is found or stand is at high risk for bud worm.																																																					
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57	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	11.2	105	81-110	N/A	Kinny Creek headwaters flow thru stand. Graduates to upland on edges.																																																					
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58	42110 - Planted Red Pine	Sawtimber Well	11.5	88	111-140	N/A	Cut in 2017 as part of 1-2-3 Red Pine sale #451101501. Large diameter ave. 16", 120-150 BA																																																					
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59	110 - Low Intensity Urban	Nonstocked	3.3		Unspecified	Managed Opening	State Police radio tower site.																																																					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																
60	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	1.5	90	81-110	N/A	A small part of a Unit from "All or Nothing" from adjacent compartment (164) that was not cut.																																																
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61	4193 - Birch, Aspen	Sawtimber Medium	1.9	81	51-80	N/A	Small birch stand with large aspen between RR tracks and RP stand. Left for aesthetics. Only access is through RP stand. Some low spots within stand.																																																
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62	629 - Mixed non-forested wetland	Nonstocked	1.9		Unspecified	No																																																	
63	122 - Road/Parking Lot	Nonstocked	7.0		Unspecified	Managed Opening	Railroad R-O-W																																																
64	330 - Low-Density Trees	Nonstocked	14.9		Unspecified	No	Scattered cedar, tamarack, and fir seedling/saplings. Wet. Tag alder																																																
65	122 - Road/Parking Lot	Nonstocked	9.8		Unspecified	Managed Opening	H-40																																																
66	622 - Lowland Shrub	Nonstocked	2.4			No	Between RR and H-40.																																																
67	6122 - Black Spruce	Poletimber Well	9.5	80	81-110	N/A	black spruce stand, wetter near edge of stand.																																																
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																					
68	622 - Lowland Shrub	Nonstocked	2.6			No	2013-Skinny strip along H-40. Scattered trees - T & C.																																																					
69	622 - Lowland Shrub	Nonstocked	4.8		Unspecified	No	Scattered swamp conifer trees, very wet.																																																					
70	4137 - Aspen, Birch	Sawtimber Well	5.0	86	81-110	N/A	Narrow stand bordering H-40. Mostly upland, tapering to lowland on the west.																																																					
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71	3303 - Mixed Low Density Trees	Nonstocked	2.1			No	Between RR and H-40. Scattered trees.																																																					
72	622 - Lowland Shrub	Nonstocked	2.5			No	Headwaters of Peter's Creek																																																					
73	330 - Low-Density Trees	Nonstocked	1.2		Unspecified	No	Between RR and H-40																																																					
74	4136 - Aspen, Mixed Conifer	Sapling Well	10.3	36	1-50	N/A	RP & WP left standing. Some low spots within stand and along H-40. Old trail or grade through stand.																																																					
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75	500 - Water	Nonstocked	4.8			No	2013-Geese often nest here.																																																					
76	622 - Lowland Shrub	Nonstocked	4.5		Unspecified	No																																																						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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77 42141 - Planted Mixed Pine, Mixed Deciduous Sawtimber Well 4.9 88 141-170 N/A RP/WP stand with red maple. WP limby and sometimes multi-stemmed. RP - large limbed. A couple WB within stand. Peter's Creek Ski Trail Trailhead.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	28	Pole/Log	9		Red Maple	Medium	Variable	Sapling
Red Pine	40	Log/XLog	16	88	Striped Maple	Medium	5 - 10 feet	Tall Shrub
Paper Birch	2	Log	14		Balsam Fir	Medium	Variable	Sapling
White Pine	30	Log	16					

78 4130 - Aspen Sapling Well 9.9 26 Immature N/A Cedar, hemlock and white pine left - residual < 10 BA, mainly on edges. High ridge along southern edge.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	45	Sapling	3	26	Red Maple	Low	< 5 feet	Sapling
Balsam Fir	5	Sapling	2					
Bigtooth Aspen	40	Sapling	3					
Red Maple	10	Sapling	2					

79 42140 - Planted Mixed Pine Sawtimber Well 6.0 88 81-110 N/A Small plantation along Kinny Creek. JP seeding in to the south and east over the years. Very limby where predominantly JP.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine	50	Log/Pole	12	88	Quaking Aspen	Low	>20 feet	Sapling
Paper Birch	2	Pole	8		Sugar Maple	High	>20 feet	Sapling
Red Pine	46	Log/XLog	16	88				
Red Maple	2	Pole	8					

80 6120 - Lowland Cedar Poletimber Well 9.1 110 51-80 N/A Narrow finger along H-40 contains small diameter cedar with areas of Tamarack. Mostly wet with small narrow upland ridge. Kinny Creek flows thru stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	8	Pole	8		Tag Alder	High	Variable	Tall Shrub
Red Maple	7	Pole/Log	9		Balsam Fir	High	Variable	Sapling
Northern White Cedar	75	Pole/Sap/Log	8	110				
Tamarack	10	Pole	8					

81 6118 - Lowland Deciduous with Cedar Sawtimber Well 13.9 81 111-140 N/A Part of original stand was cut in 2016 as part of H-40 Mix 451131501. This stand is what is left after harvest. Stand has part of Peter's Creek running through north to south from stand 72, and is wet and low on the south west side.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	30	Log/Pole	11	81	Balsam Fir	Medium	Variable	Sapling
White Pine	5	Log	12					
Northern White Cedar	30	Pole	9					
Red Maple	12	Pole/Log	9					
Paper Birch	23	Pole	9					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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82 6132 - Mixed Lowland Forest with Cedar Poletimber Well 6.5 113 51-80 N/A Mixed lowland stand with thick balsam fir understory. YB present.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	5	Pole	7		Northern White Cedar	Low	Variable	Sapling
Red Maple	25	Pole/Log	8		Tag Alder	Low	Variable	Tall Shrub
Hemlock	2	Pole/Log	9		Balsam Fir	Full	Variable	Sapling
Northern White Cedar	30	Pole/Log	9	113				
Balsam Fir	8	Pole	8					
Quaking Aspen	5	Log	11					
Paper Birch	25	Pole/Log	8					

83 42110 - Planted Red Pine Sawtimber Medium 17.1 88 81-110 N/A Stand ready for final harvest

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	40	Log	14		Quaking Aspen	Medium	>20 feet	Sapling
Red Pine	60	Log	14	88	Balsam Fir	Low	Variable	Sapling
					White Pine	Low	Variable	Sapling
					Red Maple	Full	10 - 20 feet	Sapling

Peter's Creek Ski Trail runs thru stand.

84 42110 - Planted Red Pine Poletimber Well 22.0 25 141-170 N/A Plantation doing nicely. Occasional JP near edges. A couple aspen pockets.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	98	Pole/Sapling	6	25	Red Maple	Low	< 5 feet	Sapling
Quaking Aspen	1	Sapling	2					
Jack Pine	1	Sapling	2					

85 4133 - Aspen, Mixed Pine Poletimber Well 25.9 50 81-110 N/A Some areas more pure aspen, other areas more mixed with conifer. Several small open areas. JP & WP scattered along opening edges. DBH varies throughout stand. Not much height or size to aspen, but should restart stand as much of the quaking aspen has cankers and top dieback.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine	3	Pole	6		Red Maple	Medium	10 - 20 feet	Sapling
Red Pine	2	Log	14		Black Cherry	Low	10 - 20 feet	Sapling
Quaking Aspen	35	Pole	7	50	Balsam Fir	Medium	Variable	Sapling
Bigtooth Aspen	20	Pole	7					
White Pine	15	Log	10					
White Spruce	10	Pole	6					
Red Maple	10	Pole	6					
Paper Birch	5	Pole	6					

86 3204 - Mast Producing Shrub Nonstocked 27.4 Unspecified Managed Opening Small areas have filled in with JP. Old Township Dump located in southwest corner of stand. Hawthorn located in southeast corner of stand (planted by W/L).

Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	Medium		Tall Shrub
White Pine	Low		Pole
Jack Pine	Low		Pole



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments					
87	3303 - Mixed Low Density Trees	Nonstocked	7.0		Unspecified	Managed Opening	Mainly G with old WP stumps. Scattered red maple. Herbicided in 1973. Peter's Creek Ski Trail runs thru stand.					
								Sub-Canopy Species	Density	Avg. Height	Size	
								Red Maple	Low		Log	
								White Pine	Trace		Pole	
88	622 - Lowland Shrub	Nonstocked	4.8			No						
89	622 - Lowland Shrub	Nonstocked	19.3		Unspecified	No	Kinny Creek.					
91	4130 - Aspen	Sapling Well	4.6	25	Immature	N/A	Aspen regen with some jack pine on east edge.					
								Canopy Species	% Cover	Size Class	DBH	Age
								Quaking Aspen	60	Sapling	2	25
								Jack Pine	10	Sapling	3	
								Red Maple	10	Sapling	2	
Black Cherry	20	Sapling	2									
92	42110 - Planted Red Pine	Sawtimber Medium	22.7	88	81-110	N/A	2023- Stand is ready for final harvest. 2013-Thinned 1997. Variable residual BA. Left all RP, WP, beech, WB and YB. Occasional YB & Beech.					
								Canopy Species	% Cover	Size Class	DBH	Age
								Red Pine	70	Log	14	88
								Paper Birch	2	Log	10	
								Red Maple	3	Log/Pole	10	
								White Pine	25	Log	12	
								Sub-Canopy Species	Density	Avg. Height	Size	
Striped Maple	Low	10 - 20 feet	Tall Shrub									
Beech	Low	>20 feet	Sapling									
Balsam Fir	Low	Variable	Sapling									
Red Maple	Full	>20 feet	Sapling									
93	42110 - Planted Red Pine	Sawtimber Poor	15.2	88	1-50	N/A	Peter's Creek Ski Trail runs thru stand.					
								Canopy Species	% Cover	Size Class	DBH	Age
								White Pine	2	Log	10	
								Red Pine	96	Log/XLog	16	88
								Red Maple	2	Pole	8	
								Sub-Canopy Species	Density	Avg. Height	Size	
								Quaking Aspen	High	>20 feet	Sapling	
Bigtooth Aspen	High	>20 feet	Sapling									
White Pine	Low	5 - 10 feet	Sapling									
Red Pine	Low	5 - 10 feet	Sapling									
Red Maple	Medium	>20 feet	Sapling									
94	6119 - Mixed Lowland Deciduous Forest	Poletimber Medium	2.5	95	51-80	N/A	Low wet area.					
								Canopy Species	% Cover	Size Class	DBH	Age
								Yellow Birch	20	Pole	8	
								Paper Birch	15	Pole/Log	9	
								Balsam Fir	8	Pole	8	
								Red Maple	55	Pole/Log	9	95
Northern White Cedar	2	Pole	6									
Sub-Canopy Species	Density	Avg. Height	Size									
Balsam Fir	High	Variable	Sapling									
Tag Alder	High	Variable	Tall Shrub									



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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95	42110 - Planted Red Pine	Poletimber Well	22.5	23	81-110	N/A	Nice stand of red pine just becoming poles. Some aspen in pockets
Canopy Species		% Cover	Size Class	DBH	Age		
Quaking Aspen		5	Sapling	2			
Balsam Fir		5	Sapling/Pole	3			
Red Pine		85	Pole/Sapling	5	23		
Jack Pine		5	Sapling	3			
							This stand was not burned, just trenched and hand planted. Will be good for comparison of burned vs. unburned plantations when adjacent Abandoned Axle sale is burned (in compartment 164). Includes some non-pine areas.

96	42110 - Planted Red Pine	Sawtimber Well	51.6	88	111-140	N/A	2023- Stand ready for final harvest			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	2013-An occasional WP and RP 3'-5' tall; more so on the western edge where it is more open. Peter's Creek Ski Trail runs thru stand.
Red Maple		3	Pole	9		Black Cherry	Low	10 - 20 feet	Sapling	
Red Pine		97	Log/XLog	16	88	Quaking Aspen	Low	10 - 20 feet	Sapling	
						Red Maple	High	10 - 20 feet	Sapling	
						Beech	Low	10 - 20 feet	Sapling	

97	4139 - Aspen, Mixed Deciduous	Sapling Medium	8.4	7	Immature	N/A	Aspen and red maple regen starting to fill, still some open areas where the stand was previously heavier to conifer. Cut in 2016 as part of H-40 Mix 451131501.			
Canopy Species		% Cover	Size Class	DBH	Age					
Black Cherry		3	Sapling	1						
Quaking Aspen		45	Sapling	1	7					
Red Maple		25	Sapling	1						
White Pine		5	Log	12						
Paper Birch		10	Sapling	1						
Balsam Fir		10	Sapling	2						
Northern White Cedar		2	Log/Pole	10						

99	42110 - Planted Red Pine	Sawtimber Well	13.2	88	81-110	N/A	2023-Stand was not cut as stated in previous inventory. Stand is large diameter red pine with maple, aspen, and fir sapling growing in understory.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	2018-Cut in 2017 as part of 1-2-3 Red Pine sale #451101501. FTP 44-616.
Red Pine		100	Log/XLog	16	88	Quaking Aspen	Medium	10 - 20 feet	Sapling	
						Red Maple	Medium	10 - 20 feet	Sapling	
						Balsam Fir	Medium	10 - 20 feet	Sapling	