

Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 45162

Entry Year: 2027

Acreage: 1,591

County: Mackinac

Management Area: St. Ignace Lake Plain

Stand Examiner: Cody Flatt

Legal Description:

T43N-R8W Sections 19, 20, 29 & 30, Hudson Township & T43N-R9W Sections 24 & 25, Garfield Township.

Identified Planning Goals:

This compartment is located 4 miles east of Naubinway. The compartment and surrounding area is composed of a variety of different upland and lowland types and species. The old Lake Nipissing shoreline makes a dramatic break between the majority of uplands and the deer yard lowland areas. The aspen type within the compartment and the surrounding area has been managed extensively within the past 30 years. Most of the aspen within the compartment was harvested between 1972 and 1985. A large aspen type timber sale (Strickler Sale) was set up in the early 70's for Mead to supply wood to the new mill. Most of the conifer stands will not be managed this year of entry. The northern hardwood types within the compartments not treated in the last decade have been proposed for a selection harvest. A conifer component will be retained in all the northern hardwood stands where species are present.

Soil and topography:

The compartment transitions from the Lake Michigan shoreline north through the ridge and swale complex to the old Lake Nipissing shoreline on to the rolling upland with drainage flowing toward Lake Michigan. The ridge and swale is composed of Leafriver-Croswell-Wainola complex, Croswell-Wainola complex. The other lowland soil types are Leafriver mucky peat and Markey and Carbondale mucks. The transition along the Lake Nipissing bluff is Wallace-Alcona complex which is the soil on most of the drainages within the compartment. The majority of the uplands are Wallace sand, Pullup fine sand, Paquin sand, Borgstrom sand; and some transition soils are Caffey-Ingalls-Iosco complex, and Finch-Dawson-Pullup complex.

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

The east side of the compartment is surrounded by state lands, and to the north is state ownership except Section 18 which is in private ownership for the entire mile boundary. The west side is a mixture of state and private ownership and the south is bordered by private ownership and Lake Michigan. There is a mixture of absentee owners and permanent residences surrounding and within the compartment. The Black River Road has a settlement along both sides of the road and the Black River for over 1 mile.

Unique Natural Features:

Potential for raptors to nest in the compartment exists and care will be taken to check stands for nests and take appropriate management action to protect the species. There is a potential for some rare, threatened, and special concern plant and animal species to inhabit the compartment. Stands to be managed will be checked for species of concern. Management will be modified if species are found within those stands per management guidelines for that species. The Niagara escarpment runs through the compartment.

Archeological, Historical, and Cultural Features:

One possible old homestead within the compartment.

Special Management Designations or Considerations:

The Great Lakes Gas pipeline and Enbridge Oil pipeline right-of-ways with 2 Cloverland Electric transmission lines, run across the compartment. Contact will be made with the companies when harvesting activities take place around the right-of-ways.

Watershed and Fisheries Considerations:

The western region of this compartment contains Mattix Creek. Mattix Creek is a designated Type 1 trout stream less than 50-ft wide. A 300-foot buffer is recommended for Mattix Creek in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, a minimum 100-foot, plus 5 feet per 1% increase in slope, buffer is recommended to protect Mattix Creek in accordance with Best Management Practices. The eastern region of this compartment contains the Black River, Borgstrom Creek, and the East Branch Black River. The Black River (Type 4), Borgstrom Creek (Type 1), and the East Branch Black River (Type 1) are all designated trout streams less than 50-ft wide and have predicted mean July water temperatures that range from 57.6 to 61.3°F (cold streams). 300-foot buffers are recommended for the Black River, Borgstrom Creek, and the East Branch Black River in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, a minimum 100-foot, plus 5 feet per 1% increase in

slope, buffer is recommended to protect these resources in accordance with Best Management Practices.

Wildlife Habitat Considerations:

This compartment is in the St. Ignace Lake Plain Management Area where featured wildlife species include American marten, American woodcock, black bear, blackburnian warbler, black-throated blue warbler, ruffed grouse, sharp-tailed grouse, snowshoe hare, and white-tailed deer. Aspen is prevalent on the eastern side of the compartment and cedar dominates most of the western and southern parts. Most of the cedar is part of a ridge-and-swale complex located near US-2. A couple of hardwood stands exist near the northern boundary of the compartment north the escarpment, which generally separates the uplands from the cedar and lowland stands further south. Despite its proximity to the shoreline, this compartment extends to the shoreline in only a few places. Cedar and other closed canopy conifer cover will be retained to provide cover for wintering deer as well as habitat for snowshoe hare, migratory songbirds, and other species. Treatments in deciduous stands will generally take place during the winter months for wintering deer. Some northern hardwoods will be treated to increase age class and structural diversity within the stands. The northern hardwood habitat in this area and the surrounding should benefit black-throated blue warbler and other migratory birds. Shoreline areas will generally remain untreated unless invasive species treatments are necessary.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial oil & gas production in this part of the state, and there is no known potential for economic production of metallic minerals in this area. The closest known active sand & gravel operation is more than three miles west of the compartment. There may be some potential for sand & gravel development on the uplands in the northern portion of the compartment. The southern portion of the compartment largely consists of dune and swale complexes (unique to the Great Lakes shorelines) that are ecologically sensitive and likely to be protected from development.

Vehicle Access:

The vehicle access is very good through most of the compartment. US – 2 Highway provides the access to the southern portion of the compartment. The Black River Road and Borgstrom Road are county maintained paved and/or good gravel roads. The Black River Road provides the access to Section 19 and the Borgstrom Road provides the access to Sections 20 and 29. The Flowing Well Road runs between the Black River and Borgstrom Roads. The Flowing Well Road has a large beaver dam in the middle. The road is no longer travelable on the private land. The two trails off the main roads give good access to all areas of the compartment except Section 25 and the south half of Section 24 which are lowlands. The Ledge and Ridge Roads are DNR maintained good dirt roads. These provide good access to the north west quarter of Section 24.

Survey Needs:

Survey needed in Sections 24 and 19, corners needed to establish sale boundary for proposed harvests.

Recreational Facilities and Opportunities:

The Black River State Forest Campground is just to the north of Section 19. The area is heavily used by fishers, hunters, campers, berry and mushroom pickers, motorized vehicle users and nature viewers. The close proximity to the private lands and the campground makes the area more enticing for recreational users.

Fire Protection:

The fire potential is low to moderate in this area. The amount of private ownership surrounding the state lands increases the chances for a debris fire escape. The area has good access for except for the lowland areas. The potential for ground fire is high in the lowland if there is a start in these areas.

Additional Compartment Information:

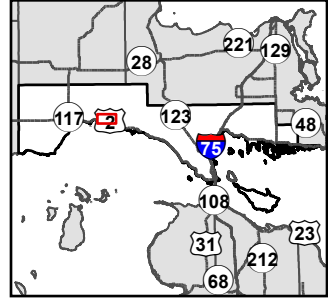
The following reports from the Inventory are attached:

- 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**

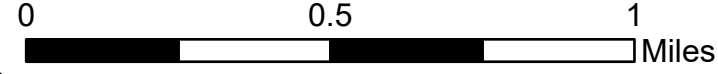
The following information is displayed, where pertinent, on the attached compartment maps:

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

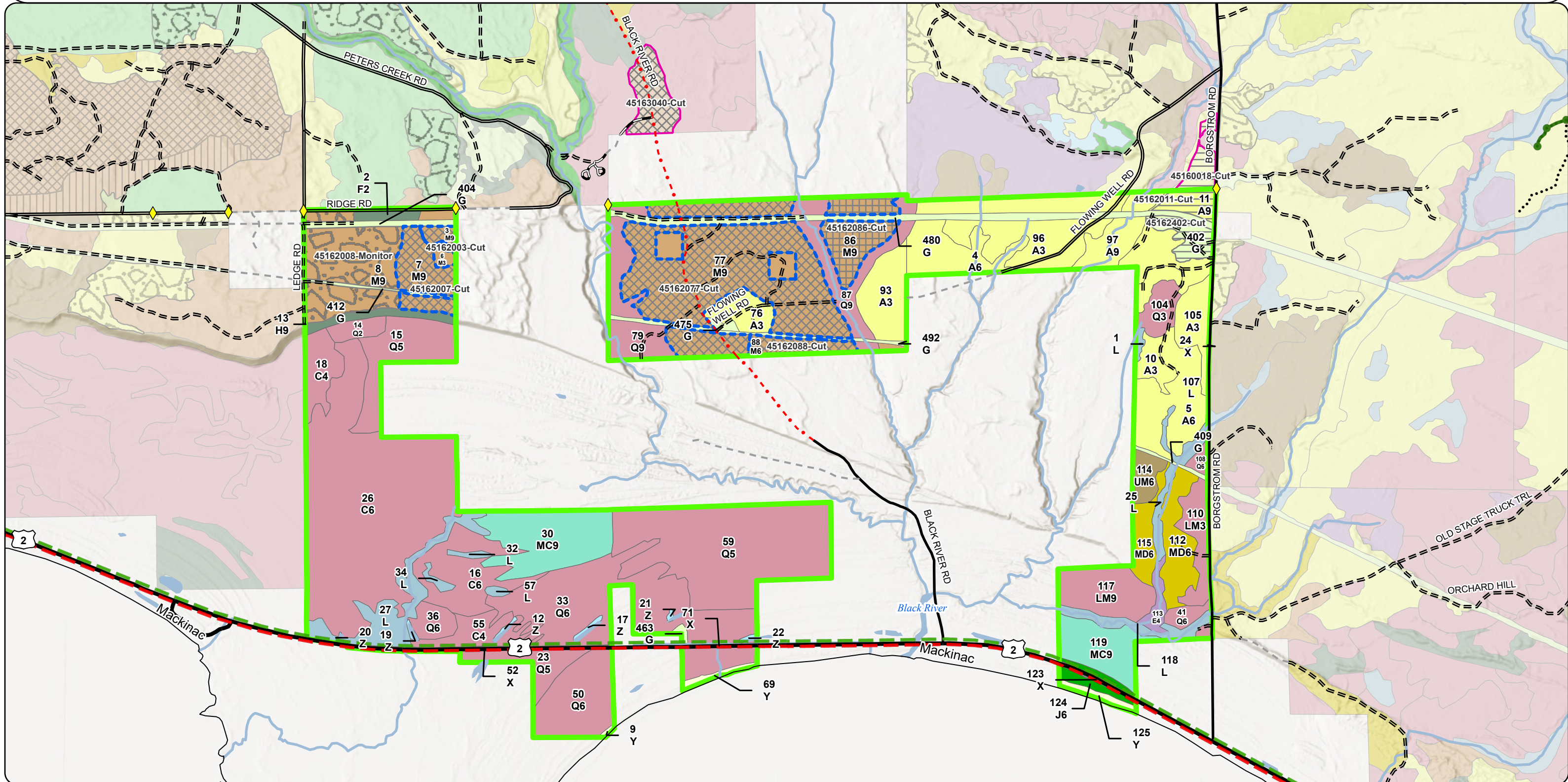
Cover Type & Treatments Map



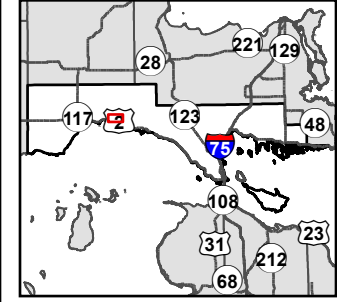
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 T43N, R09W, Sec: 24, 25
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 Unit: Sault Ste. Marie
 Mgmt. Area: St. Ignace Lake Plain
 YOE: 2027
 Acres: 1,591 GIS Calculated
 Examiner: Cody Flatt
 Date Exported: 02/04/2026
 Map Phase: Post Review



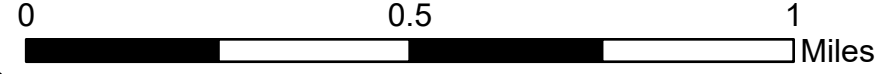
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|---|-----------------------------------|-----------------------------------|-----------------------------------|
| ◆ Survey Grade Corners | — Streams | ▭ Treatments with Site Conditions | ▭ 611 - Lowland Deciduous Forest |
| — DNR - Primary Forest Road | ▭ Lakes and Rivers | ▭ 411 - Northern Hardwood | ▭ 612 - Lowland Coniferous Forest |
| — DNR - Secondary Forest Road | ▭ Compartment Boundary | ▭ 413 - Aspen | ▭ 613 - Lowland Mixed Forest |
| == DNR - Forest Access Route | ▭ Clearcut | ▭ 419 - Mixed Upland Deciduous | ▭ 122 - Road/Parking Lot |
| — Federal / State Highway | ▭ Selection | ▭ 422 - Natural Pines | ▭ 310 - Herbaceous Openland |
| — Federal / State / County - Paved Road | ▭ Seed Tree | ▭ 423 - Other Upland Conifers | ▭ 622 - Lowland Shrub |
| - - - County - Gravel Road | ▭ Monitoring - Regeneration | ▭ 429 - Mixed Upland Conifers | ▭ 710 - Sand, Soil |
| - - - Private - Dirt / Gravel Road | ▭ Clearcut (Outside Compartment) | ▭ 430 - Upland Mixed Forest | ▭ 500 - Water |
| ⋯ DNR - Management Access | ▭ Selection (Outside Compartment) | | |



Cover Type & Treatments Map

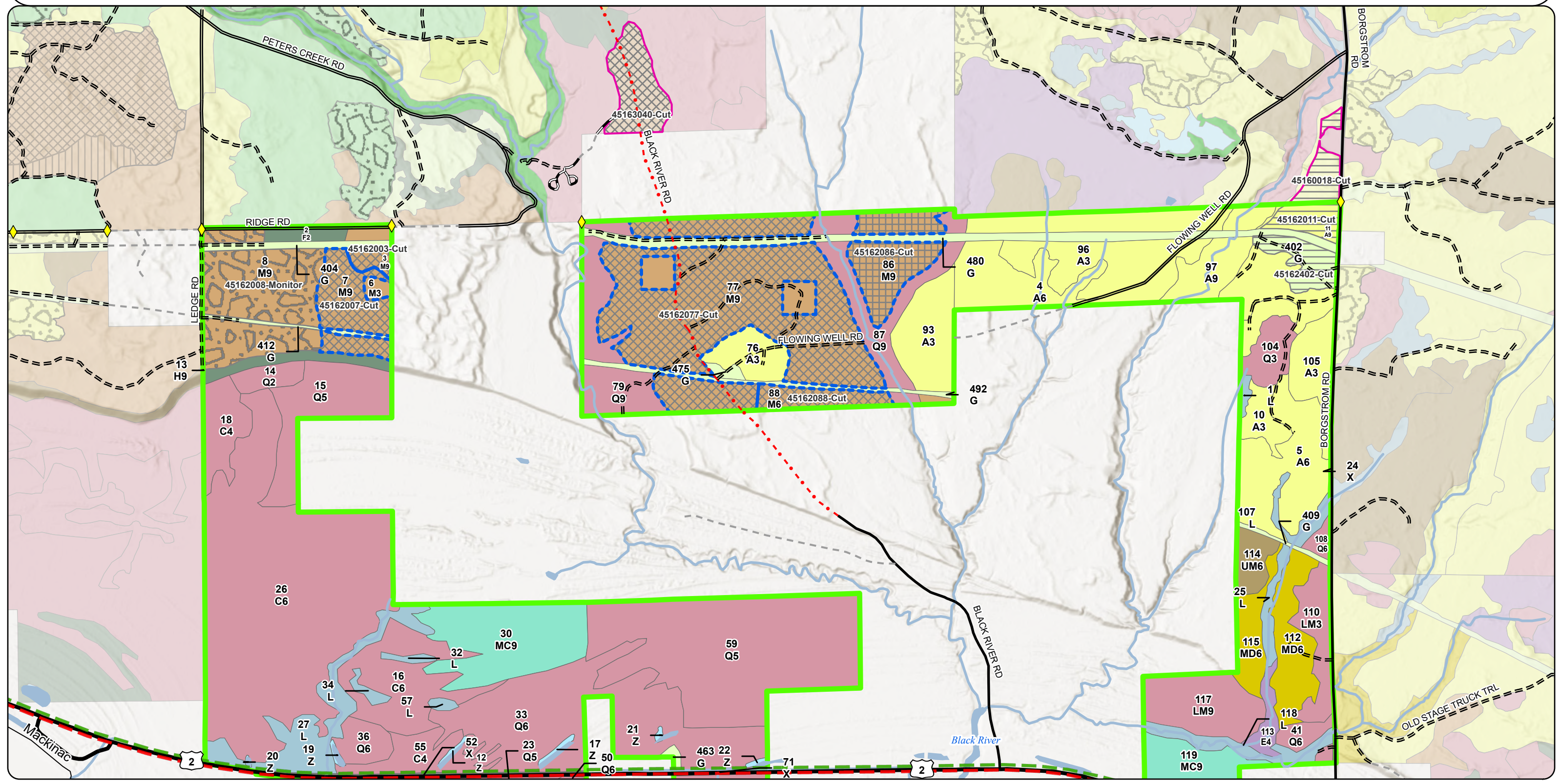


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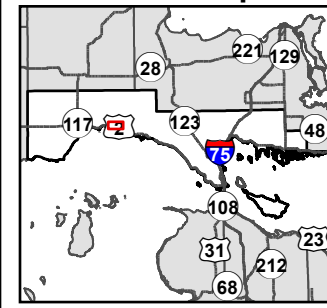


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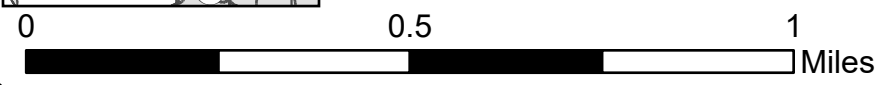
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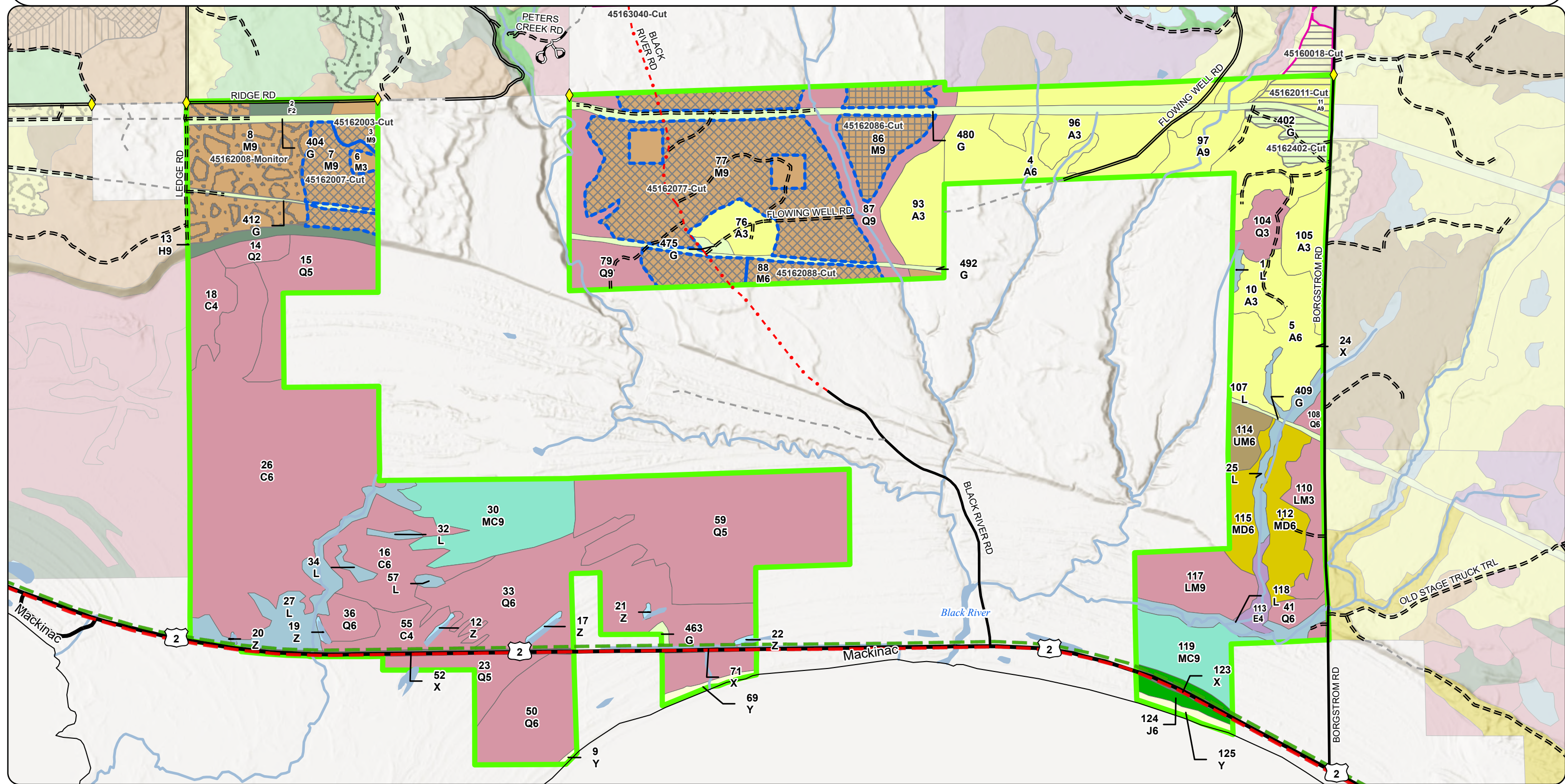
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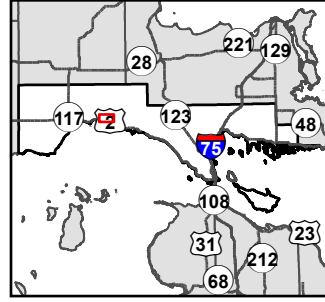
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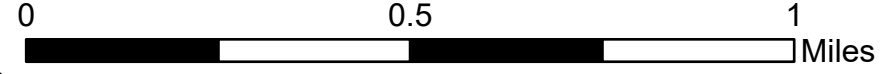
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Stand Boundary Map



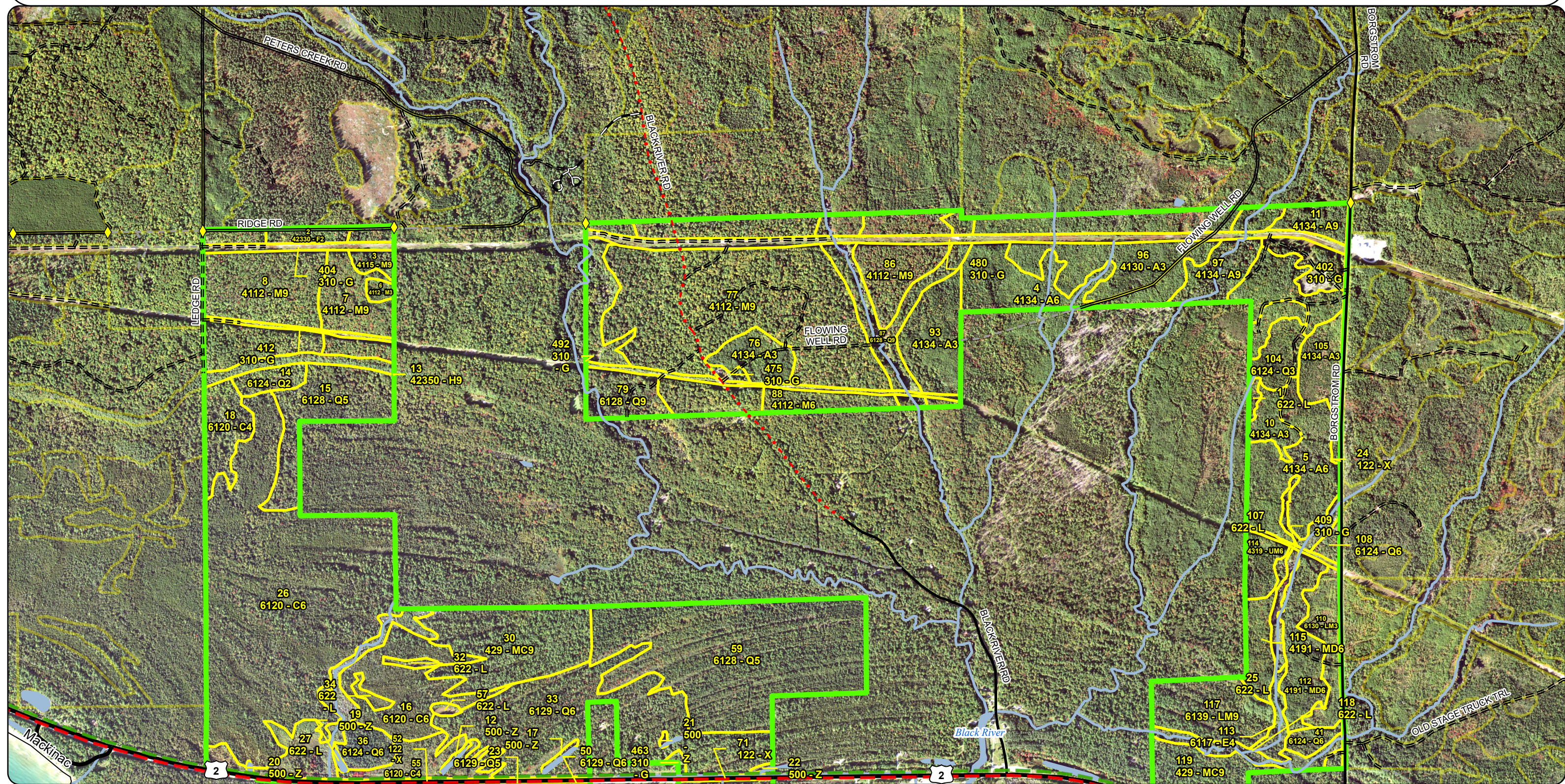
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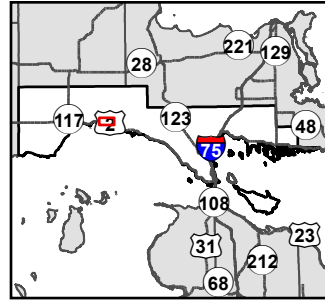
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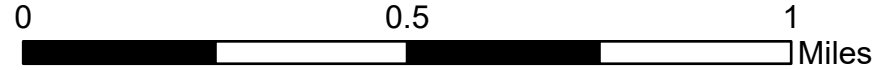
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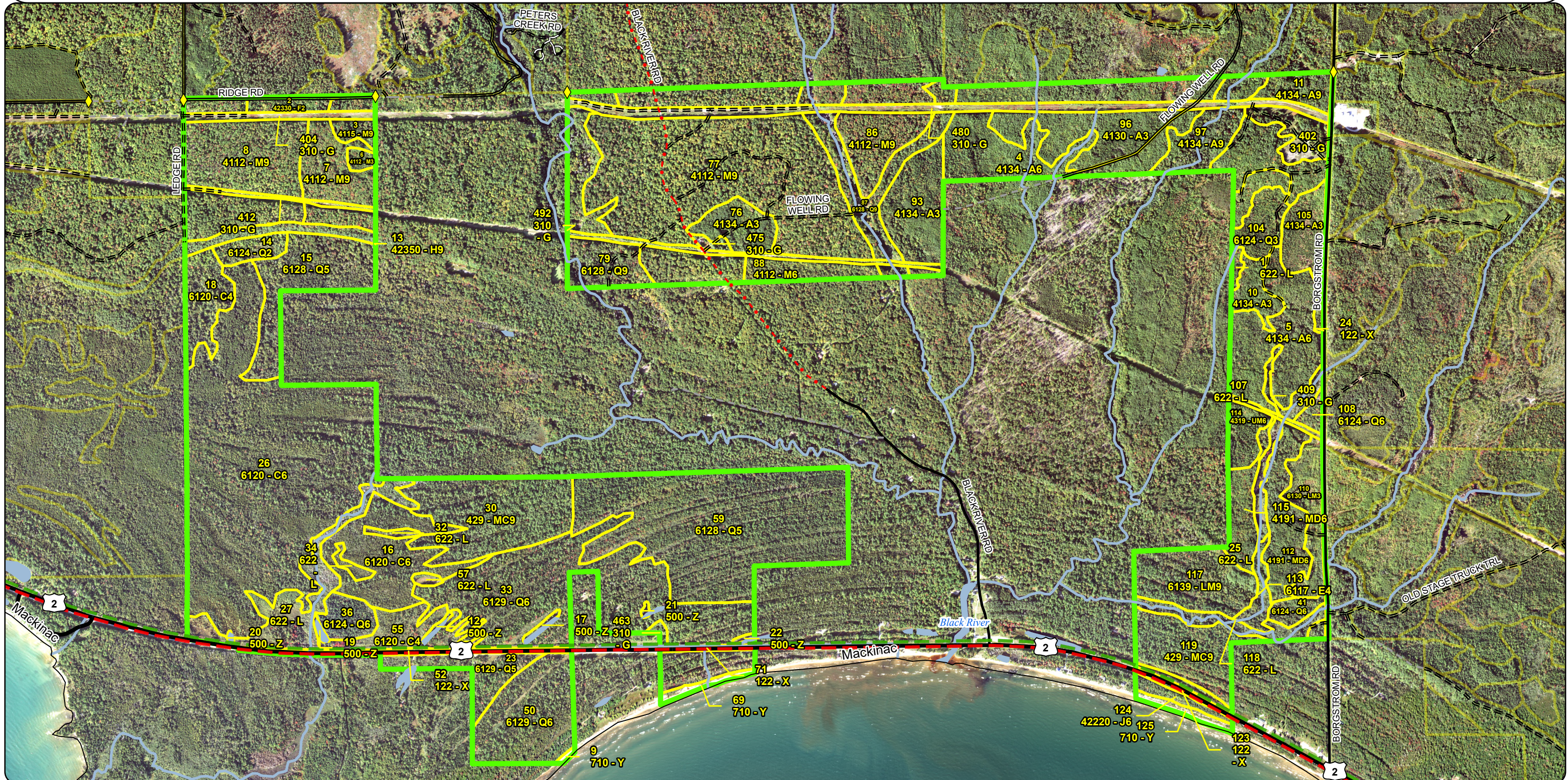


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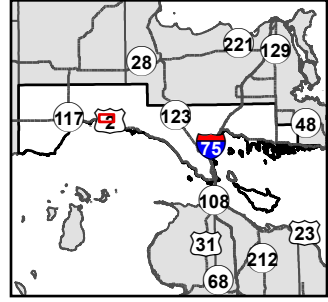


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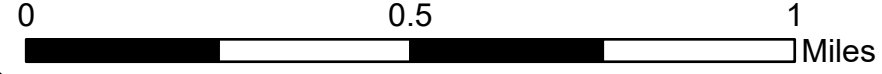
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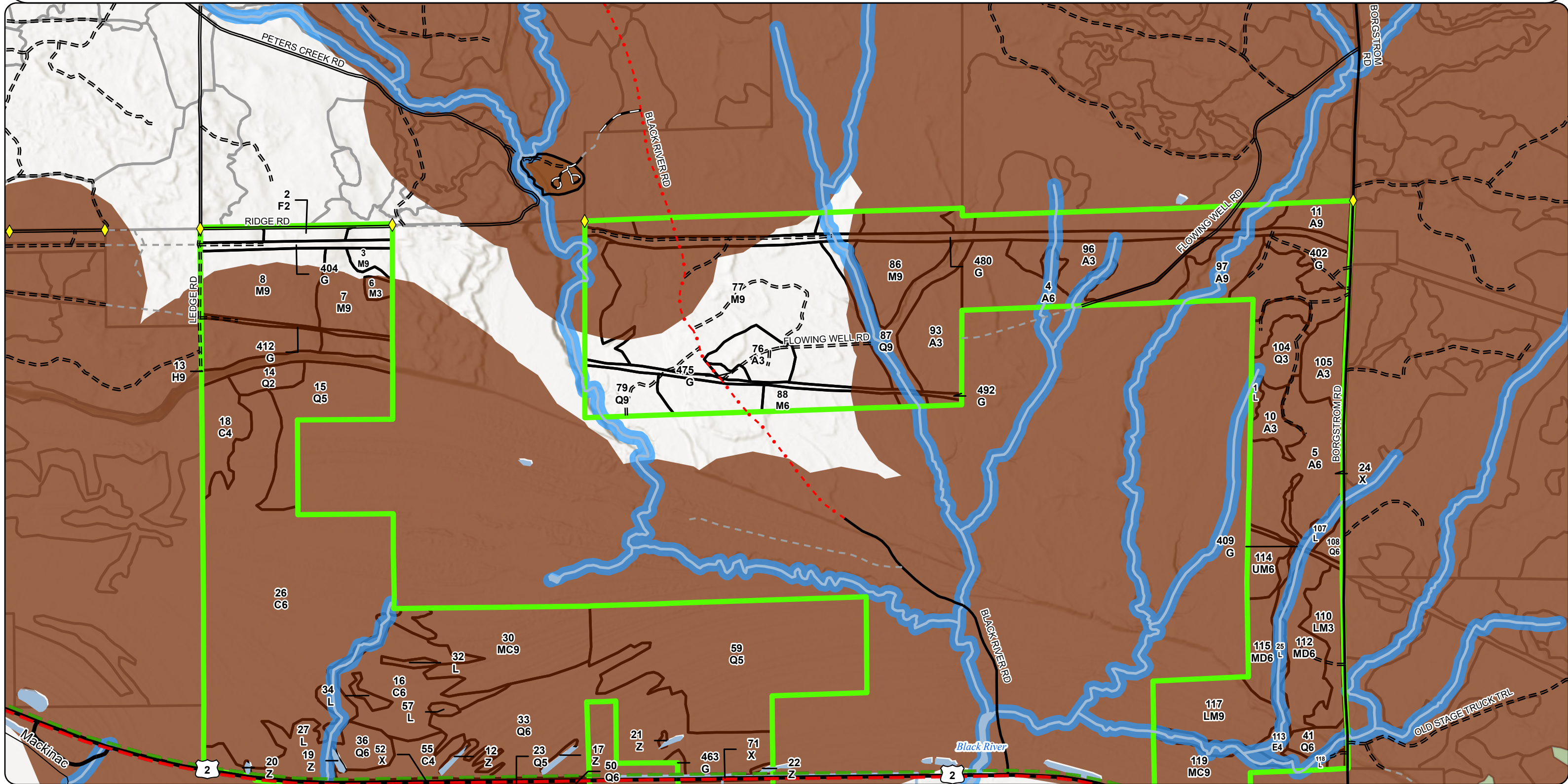
**Special Conservation Areas
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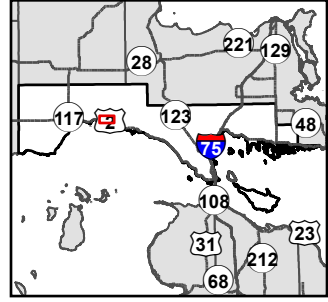
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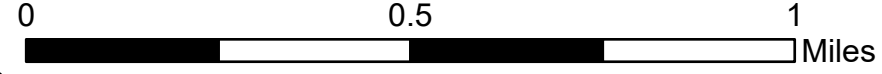
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- SCA
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- High Priority Trout Stream Buffer
- Type 1 and Type 2 Old Growth
- Deer Winter Range
- State Forest Campground



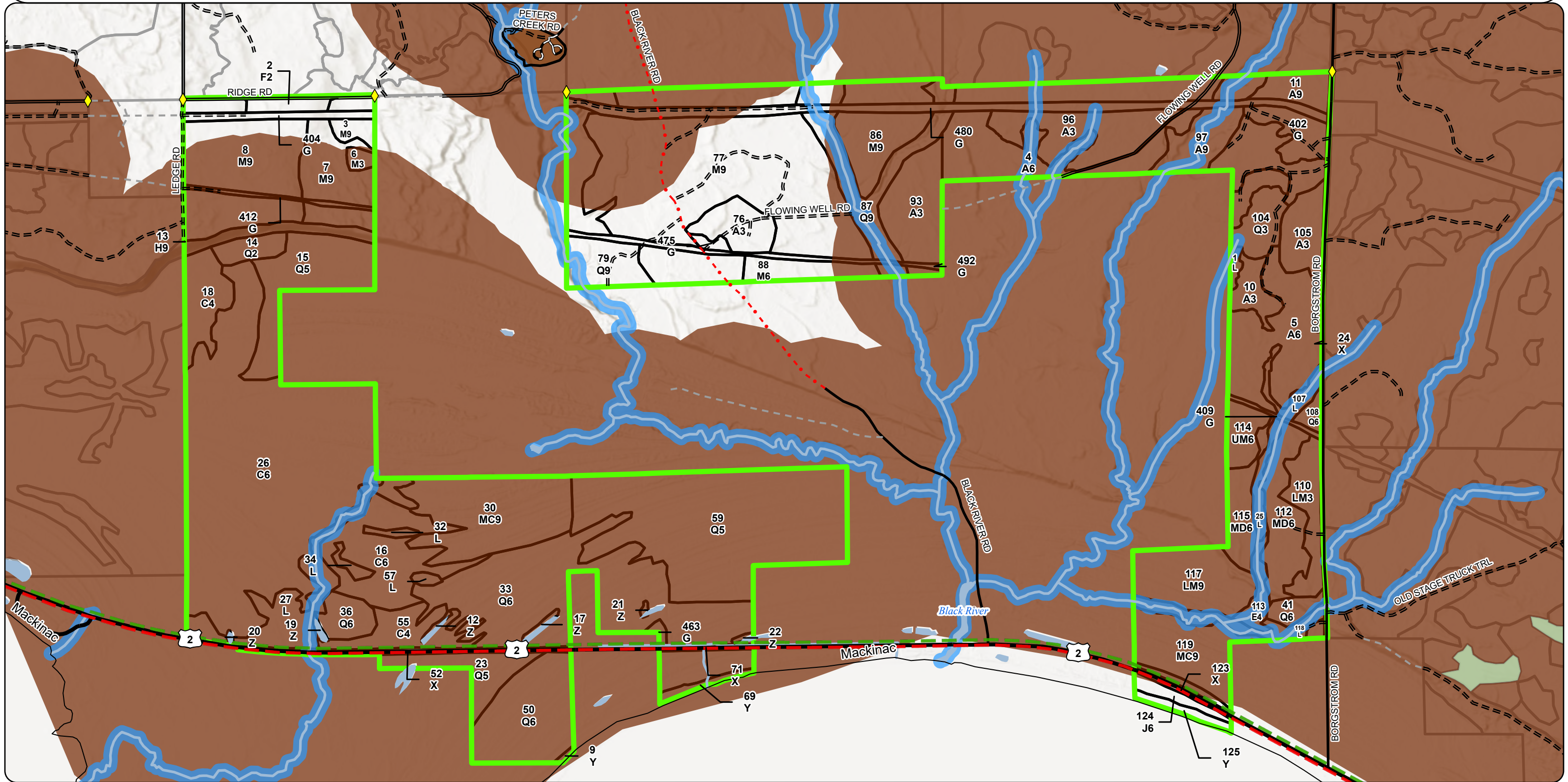
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- Deer Winter Range
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Report 1 – Total Acres by Cover Type and Age Class

Sault Ste. Marie Mgt. Unit

Compartment 162 Year of Entry 2027

Cody Flatt: Examiner

Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Unseen-Aged	Total
Aspen	0	45	0	17	40	62	70	0	0	20	0	0	0	0	0	0	0	0	253
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	0	263	0	0	0	0	263
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	9
Herbaceous Openland	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63
Jack Pine	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	8
Lowland Conifers	0	0	0	12	0	17	121	0	0	3	0	6	0	231	0	0	0	34	424
Lowland Deciduous	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	6
Lowland Mixed Forest	0	0	17	0	0	0	0	0	0	0	0	30	0	0	0	0	0	0	47
Lowland Shrub	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59
Mixed Upland Deciduous	0	0	0	0	0	0	38	0	0	0	0	0	0	0	0	0	0	0	38
Northern Hardwood	0	0	0	0	13	2	0	0	0	0	0	0	0	0	0	0	0	284	299
Sand, Soil	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Upland Conifers	0	0	0	0	0	0	0	0	0	0	0	28	0	0	0	0	0	50	78
Upland Mixed Forest	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Upland Spruce/Fir	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Urban	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
Water	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Total	151	45	17	35	62	81	235	0	0	31	0	64	0	494	0	0	9	368	1591

Report 2 – Treatment Summary

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

Acres of Harvest

Compartment 162
Total Compartment Acres: 1,591

Commercial Harvest - 42
Harvests with Site Condition - 604
Next Step Harvest - 61
Habitat Cut - 61

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	9	0	0	0	0	0	0	0	0	9
Herbaceous Openland	12	0	0	0	0	0	0	0	0	12
Northern Hardwood	0	193	0	29	0	0	0	0	0	222
Total	21	193	0	29	0	0	0	0	0	243

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	243	0	0	0	0	0	61	0	0	304
Next Step	61	0	0	0	0	0	405	0	0	466
Total	304	0	0	0	0	0	466	0	0	769

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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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Approved Treatments:

18	45160018-Cut	9.4	4134 - Aspen, Spruce/Fir	6	56	51-80	Harvest	Clearcut	413 - Aspen	Planting Record	No
<p><u>Prescription</u> Cut all deciduous trees that are 2" or greater at DBH and all conifer trees that are 4" or greater at DBH. Retention will be left in riparian buffer.</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</u> aspen, maple, birch, cherry, spruce, fir, pine</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>											
3	45162003-Cut	4.3	4115 - Y.Birch, Hemlock NH	9	121	111-140	Harvest	Selection	4115 - Y.Birch, Hemlock NH	Current	No
<p><u>Prescription</u> Thin stand to an average of 60-80 BA. Focus on over mature, larger diameter stems, especially large red maple. Leave healthy beech and</p> <p><u>Specs:</u> maintain a component of yellow birch and cherry throughout stand. Leave any hemlock. Leave trees over 26" DBH that me</p> <p><u>Next Step</u> Monitoring, Natural Regen (Intermediate)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Maple, birch, cherry, aspen, spruce, fir, pine</p> <p><u>Regen:</u></p> <p><u>Other</u> Harvest restricted to Dec 1- March 31 due to deer wintering complex.</p> <p><u>Comment:</u></p> <p><u>Site Condition:</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/01/2026</p>											
7	45162007-Cut	26.4	4112 - Maple, Beech, Cherry Association	9	89	111-140	Harvest	Selection	4112 - Maple, Beech, Cherry Association	Current	No
<p><u>Prescription</u> Thin stand to an average of 60-80 BA. Focus on over mature, larger diameter stems, especially large red maple. Leave healthy beech and</p> <p><u>Specs:</u> maintain a component of yellow birch and cherry throughout stand. Leave any hemlock. Leave trees over 26" DBH that me</p> <p><u>Next Step</u> Monitoring, Natural Regen (Intermediate)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Maple, birch, cherry, aspen, spruce, fir, pine</p> <p><u>Regen:</u></p> <p><u>Other</u> Harvest restricted to Dec 1- March 31 due to deer wintering complex.</p> <p><u>Comment:</u></p> <p><u>Site Condition:</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/01/2026</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
8 45162008-Monitor	60.8	4112 - Maple, Beech, Cherry Association	9	106	81-110	Monitoring	Monitoring - Regeneration	4112 - Maple, Beech, Cherry Association	Current	No
<p><u>Prescription</u> Continue to monitor current maple regeneration for excessive deer browse. <u>Specs:</u> <u>Next Step</u> Harvest, Shelterwood <u>Treatments:</u> <u>Acceptable</u> Maple, birch, cherry, aspen, spruce, fir, pine <u>Regen:</u> <u>Other</u> May need to harvest stand again to release regen past deer browse height. <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026</p>										
11 45162011-Cut	9.1	4134 - Aspen, Spruce/Fir	9	53	51-80	Harvest	Clearcut	413 - Aspen	Planting Record	No
<p><u>Prescription</u> Cut all deciduous trees that are 2" or greater at DBH and all conifer trees that are 4" or greater at DBH. Retention will be left in riparian buffer. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> aspen, maple, birch, cherry, spruce, fir, pine <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026</p>										
77 45162077-Cut	150.4	4112 - Maple, Beech, Cherry Association	9	88	111-140	Harvest	Selection	4112 - Maple, Beech, Cherry Association	Current	No
<p><u>Prescription</u> Thin stand to an average of 60-80 BA. Focus on over mature, larger diameter stems, especially large red maple. Leave healthy beech and <u>Specs:</u> maintain a component of yellow birch and cherry throughout stand. Leave any hemlock. Leave trees over 26" DBH that me <u>Next Step</u> Monitoring, Natural Regen (Intermediate); Monitoring, Natural Regen (Intermediate) <u>Treatments:</u> <u>Acceptable</u> Maple, birch, cherry, aspen, spruce, fir, pine <u>Regen:</u> <u>Other</u> Minimum 100' plus 5' per 1% increase in slope buffer along creek. May thin to 70-90 BA within buffer. Harvest restricted to Dec 1- March 31 <u>Comment:</u> due to deer wintering complex. <u>Site Condition:</u> Survey Needed <u>Proposed Start Date:</u> 10/01/2026</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
86 45162086-Cut	29.0	4112 - Maple, Beech, Cherry Association	9	97	81-110	Harvest	Seed Tree	4112 - Maple, Beech, Cherry Association	Planting Record	No
<p><u>Prescription</u> Leave tree mark 6-8 trees per acre. Retain under represented hardwood species such as black cherry and yellow birch, and conifer species where possible. Leave trees and stream buffers will serve as long term retention. If additional retention needed to a</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> Maple, birch, cherry, aspen, spruce, fir, pine</p> <p><u>Other Comment:</u> Harvest restricted to Dec 1- March 31 due to deer wintering complex. Minimum 100' plus 5' per 1% increase in slope buffer along stream, bridge will be needed</p> <p><u>Site Condition:</u> Portable Bridge Needed</p> <p><u>Proposed Start Date:</u> 10/01/2026</p>										
88 45162088-Cut	11.6	4112 - Maple, Beech, Cherry Association	6	38	81-110	Harvest	Selection	4112 - Maple, Beech, Cherry Association	Current	No
<p><u>Prescription</u> Thin stand to an average of 70-80 BA. Focus on removing poor form stems. Leave healthy beech and maintain a component of yellow birch and cherry throughout stand. Leave any hemlock. Leave trees over 26" DBH that meet legacy tree standards. Open up exist</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Intermediate); Monitoring, Natural Regen (Intermediate)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Maple, birch, cherry, aspen, spruce, fir, pine</p> <p><u>Other Comment:</u></p> <p><u>Site Condition:</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/01/2026</p>										
402 45162402-Cut	11.9	310 - Herbaceous Openland	99			Harvest	Clearcut	310 - Herbaceous Openland	Previous Inventory	No
<p><u>Prescription</u> Cut all merchantable trees. No retention to maintain as an opening.</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> None</p> <p><u>Other Comment:</u> Opening Maintenance cut.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</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
40 45163040-Cut	21.0	4110 - Sugar Maple Association	9	87	81-110	Harvest	Selection	4110 - Sugar Maple Association	Current	No
<p><u>Prescription</u> Thin stand to an average of 60-80 BA. Focus on over mature, larger diameter stems, especially large red maple. Leave healthy beech and</p> <p><u>Specs:</u> maintain a component of yellow birch and cherry throughout stand. Leave any hemlock. Leave trees over 26" DBH that me</p> <p><u>Next Step</u> Monitoring, Natural Regen (Intermediate)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Maple, birch, cherry, aspen, spruce, fir, pine</p> <p><u>Other Comment:</u> Harvest restricted to Dec 1- March 31 due to deer wintering complex.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>										

Total Treatment Acreage Proposed: 333.9

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Cody Flatt: Examiner

Compartment: 162

Year of Entry: 2027

Availability for Management

Total Acres	Acres Available	Acres Avail		Acres Not Available	Dominant Site Conditions						
		With Condition			2D	2I	2F	3D	3H	3J	
254	234	0		20	Aspen						20
263	0	0		263	Cedar					263	
9	0	0		9	Hemlock			9			
63	63	0		0	Herbaceous Openland						
8	0	0		8	Jack Pine				8		
423	245	0		178	Lowland Conifers					107	71
6	0	0		6	Lowland Deciduous						6
46	17	0		30	Lowland Mixed Forest			30			
59	59	0		0	Lowland Shrub						
38	38	0		0	Mixed Upland Deciduous						
150	63	87		0	Northern Hardwood	29	58				
8	8	0		0	Sand, Soil						
78	78	0		0	Upland Conifers						
9	9	0		0	Upland Mixed Forest						
6	6	0		0	Upland Spruce/Fir						
17	17	0		0	Urban						
4	4	0		0	Water						
1,441	841	87		514	Total Forested Acres	29	58	39	8	370	98
	58%	6%		36%	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	2F: Too steep	9	3A: Conservation values incompatible with harvest at this time	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

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Year of Entry: 2027

2	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	6	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
3	Available	2I: Survey needed	31	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	38	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	3D: Recreational/scenic values	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2F: Too steep	30	3J: Water quality/BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

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Compartment: 162

Year of Entry: 2027

8	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	20	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	31	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	39	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	35	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	190	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Compartment: 162

Cody Flatt: Examiner

Year of Entry: 2027

14	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	17	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	35	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	34	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
18	Available	2D: Portable bridge needed (Dept. bridge will be adequate)	29	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
19	Available	2I: Survey needed	27	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Cody Flatt: Examiner

Compartment: 162

Year of Entry: 2027

20	Available	5G: Research Study	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Walters Research Project: Long-term beech regeneration monitoring, up to 20 years (through 2039)							
21	Available	5G: Research Study	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Walters Research Project: Long-term beech regeneration monitoring, up to 20 years (through 2039)							
22	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	1	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments: Riparian buffer leave as long term retention							

Mgt. Unit

Compartment: #Type!

Year of Entry:

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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																														
1	622 - Lowland Shrub	None	1.6			No	Drainage area																																																														
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2	42330 - Upland Fir	Sapling Medium	5.9	25	1-50	N/A	Harvested on In Between Sale Again was a clean up sale from In Between sale and was closed in 2001. Mixed regeneration 5-20' consisting of balsam fir, white spruce, red maple, bigtooth aspen and beech. Balsam fir is the dominant species of the stand. Nearing pole size, still a lot of sapling size stems.																																																														
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3	4115 - Y.Birch, Hemlock NH	Sawtimber Well	7.4	121	111-140	N/A	Stand with red maple, hemlock, white pine, and yellow birch of larger diameter in areas. Some areas of heavier fir regeneration and other areas of mostly red maple and beach with browse on the maple. The highest concentration of hemlock is north of the pipeline.																																																														
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4	4134 - Aspen, Spruce/Fir	Poletimber Well	62.0	44	51-80	N/A	Stand was cut in 1982. Originally stand 96, a portion of stand was cut in 2023/2024. Small pole size diameters.																																																														
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5	4134 - Aspen, Spruce/Fir	Poletimber Well	60.8	53	51-80	N/A	Stand was cut between 1973 and 1979. A nice Mackinac Mix stand. Generally smaller pole sized diameters, not yet merchantable. West portion of stand was cut in winter of 2020/2021 as part of the Borgstrom Aspen (45-110-17) timber sale. (Now stand 10)																																																														
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6	4112 - Maple, Beech, Cherry Association	Sapling Well	2.4	42	1-50	N/A	Harvested in 1984 to be managed as brush or grass opening. Has regenerated to a stand of red maple and balsam fir. Still a lot of sapling sized stems, some near pole size.																																																			
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7	4112 - Maple, Beech, Cherry Association	Sawtimber Well	26.4	89	111-140	N/A	Cleaned up after Ledge Road Hardwood sale was closed with not all marked trees harvested. Small sale to clean up the marked trees in small area in the stand. Ridge Road Firewood #101-07-01 completed 07/05/2010. Areas of marked trees not cut creating a few areas of basal area from 110-160. Deer browse on maple regeneration.																																																			
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8	4112 - Maple, Beech, Cherry Association	Sawtimber Well	60.8	106	81-110	N/A	The few remaining beech have died. High beech sub canopy with maple growing under the beech. Thinned spring/summer of 2020 Lake Breeze Maple (45-109-2017). Heavy deer browse on maple regen.																																																			
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9	710 - Sand, Soil	None	0.6			No	Lake Michigan sand and dune																																																			
10	4134 - Aspen, Spruce/Fir	Sapling Well	15.2	5	Immature	N/A	Stand was cut in winter of 2020/2021 as part of the Borgstrom Aspen (45-110-17) timber sale. Some pockets of unmerchantable fir left unharvested. Originally part of stand 5																																																			
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11	4134 - Aspen, Spruce/Fir	Sawtimber Well	9.5	53	51-80	N/A	Continuation of adjacent stand 18 in Comp160 to the north. Some larger aspen with maple poles in south portion of stand with areas of filled in opening in north portion with larger maple and white pine. Manage with stand to north.																																																			
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12	500 - Water	None	0.7			No																																																				

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																								
13	42350 - Upland Hemlock	Sawtimber Well	9.1	191	201+	N/A	The old lake Nipissing shoreline with a very steep sidehill between the upland and swamp. Large hemlock and white pine present in the stand. The stand is entirely on the very steep sidehill. No sub canopy except for red maple on the edge of the stand.																																																								
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14	6124 - Lowland Spruce-Fir	Sapling Medium	7.3	46	Unspecified	N/A	Cut for emergency deer feed approximately between 1978 to 1981. The stand is at the bottom of the old lake Nipissing shoreline. There is heavy deer use in the stand.																																																								
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15	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	35.1	126	51-80	N/A	Deer yard area with heavy use. Some areas cut in 1940 to 1950.																																																								
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16	6120 - Lowland Cedar	Poletimber Well	38.0	126	81-110	N/A	This is the Kitchen Swamp. Deer yard area with heavy use and small creeks flowing thru stand. Typical Lake Michigan ridge and swale area.																																																								
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17	500 - Water	None	0.9			No																																																									

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18	6120 - Lowland Cedar	Poletimber Poor	16.8	126	1-50	N/A	Deer yard area with heavy use. Some areas cut in 1940 to 1950. Some wet areas with little to no basal area.																																																			
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19	500 - Water	None	0.8			No																																																				
20	500 - Water	None	0.2			No																																																				
21	500 - Water	None	0.4			No																																																				
22	500 - Water	None	0.6			No																																																				
23	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	16.5	126	51-80	N/A	Ridge and swale stand with cedar, white pine, spruce, balsam fir on ridges. Cedar and tag alder in swales.																																																			
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24	122 - Road/Parking Lot	None	4.1			No	Borgstrom Rd and R.O.W																																																			
25	622 - Lowland Shrub	None	5.3			No	Intermittent stream corridor with tag alder present. Buffer strip along the stream. Small beaver pond present some of the time just north of closed road.																																																			
26	6120 - Lowland Cedar	Poletimber Well	189.9	126	51-80	N/A	This is the Kitchen Swamp. Deer yard area with heavy use and small creeks flowing thru stand. Typical Lake Michigan ridge and swale area.																																																			
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27	622 - Lowland Shrub	None	30.2			No	Mattix Creek flows through the tag alder brush stand.																																																										
30	429 - Mixed Upland Conifers	Sawtimber Well	50.3	133	171-200	N/A	Lake Michigan ridge and swale stand. This stand has a lot more white pine than cedar unlike the other stands in the area. Slightly more upland than lowland.																																																										
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32	622 - Lowland Shrub	None	1.7			No	Tag alder areas with some flow thru the stand.																																																										
33	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	109.1	126	81-110	N/A	This is the Kitchen Swamp. Deer yard area with heavy use and small creeks flowing thru stand. Typical Lake Michigan ridge and swale area. Ridges contain mix of pine, spruce, balsam fir, cedar, hemlock. Swales contain cedar and tag alder.																																																										
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34	622 - Lowland Shrub	None	2.2			No	Tag alder areas with some flow thru the stand.																																																										
36	6124 - Lowland Spruce-Fir	Poletimber Well	9.5	44	1-50	N/A	Harvested in 1982. Some deer use within the stand.																																																										
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41	6124 - Lowland Spruce-Fir	Poletimber Well	6.4	106	111-140	N/A	Mackinac mix stand with all types of species present. This portion of the stand was left when the original stand was harvested. It is the buffer for the east branch of the Black River. There is also a small access site to the river off of Borgstrom Road. Stand will be left.																																																								
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50	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	38.7	126	81-110	N/A	Thick cedar stand with heavy deer use in the stand. Stand goes down to Lake Michigan.																																																								
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52	122 - Road/Parking Lot	None	7.8			No	US - 2 Highway R.O.W. zone.																																																								
55	6120 - Lowland Cedar	Poletimber Poor	18.1	126	1-50	N/A	Poor quality cedar stand with some flooding occurring in the stand. Along US - 2 highway was left for deer yard and aesthetics.																																																								
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57	622 - Lowland Shrub	None	1.4			No	Tag alder areas with some flow thru the stand.																																																								

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																													
59	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	121.3	51	Unspecified	N/A	Harvested in the mid 1970's, is a ridge and swale stand. Has balsam fir, spruce, white birch, aspen, red maple, cedar, white pine, with some tag alder in the swales. Small size pole stand, still a lot of sapling size stems.																																																													
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69	710 - Sand, Soil	None	3.1			No	Lake Michigan beach and sand dune.																																																													
71	122 - Road/Parking Lot	None	2.2			No	US - 2 Highway R.O.W. zone.																																																													
76	4134 - Aspen, Spruce/Fir	Sapling Well	14.0	38	51-80	N/A	Harvested in 1988, good aspen regeneration. Some areas of larger diameter aspen 6"+, nearing pole size throughout.																																																													
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77	4112 - Maple, Beech, Cherry Association	Sawtimber Well	160.5	88	111-140	N/A	Thinned in 2008 Washout Hardwoods sale. Significant amount of xlog red maple in the stand. Maple regeneration is coming in the best on the west side of Black River Road and south of the pipeline. The other areas have greater beech regeneration. Some areas of heavy deer browse on regen.																																																													
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79	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Well	33.6	126	111-140	N/A	Drainage into Black River and Black River influence zone. Steep slope, two small streams and Black River.																																																													
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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86 4112 - Maple, Beech, Cherry Association Sawtimber Well 29.0 97 81-110 N/A Stand was cut 2 entries ago. Heavy deer browse on maple saplings.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	10	Log/Pole	10		Conifers	Medium	Variable	Variable
Red Maple	80	Log/Pole	10	97	Beech	Low	Variable	Variable
Beech	5	Log	12		Red Maple	Medium	< 5 feet	< 5 feet
Hemlock	5	Log	12					

87 6128 - Lowland Coniferous, Mixed Deciduous Sawtimber Well 31.1 126 81-110 N/A Stand which serves as a buffer for the streams which flow into the Black River.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	20	Log/Pole	10		Red Maple	Low	< 5 feet	< 5 feet
Yellow Birch	20	Log/XLog	14		Beech	Low	5 - 10 feet	5 - 10 feet
White Spruce	15	Log/Pole	10		White Spruce	Low	5 - 10 feet	5 - 10 feet
Northern White Cedar	45	Pole/Log	8	126				

88 4112 - Maple, Beech, Cherry Association Poletimber Well 12.8 38 81-110 N/A Harvested in 1988 with some overstory trees retained.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	40	Pole/Sap/Log	6		Beech	Medium	Variable	Variable
Red Maple	55	Pole/Sap/Log	6	38	Balsam Fir	Low	5 - 10 feet	5 - 10 feet
Yellow Birch	5	Log/Pole	10		Sugar Maple	Medium	Variable	Variable
					Red Maple	Medium	Variable	Variable

93 4134 - Aspen, Spruce/Fir Sapling Well 26.3 38 1-50 N/A Regeneration is doing great. Stand is just starting to transition into a pole stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Sapling	3		Conifers	Medium	5 - 10 feet	5 - 10 feet
Paper Birch	5	Sapling/Pole	4					
Quaking Aspen	60	Sapling/Pole	4	38				
Balsam Fir	20	Pole/Sapling	5					
White Spruce	10	Sapling/Pole	4					

96 4130 - Aspen Sapling Well 29.4 3 Immature N/A Cut in winter of 2023/2024 as part of the Borgstrom Aspen (45-110-17) timber sale.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Sapling	1		Conifers	Medium	Variable	Variable
Paper Birch	10	Sapling	1					
Quaking Aspen	60	Sapling	1	3				
Balsam Fir	10	Sapling/Pole	4					
White Spruce	5	Sapling	1					
Black Cherry	10	Sapling	1					

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																					
97	4134 - Aspen, Spruce/Fir	Sawtimber Well	20.2	88	111-140	N/A	Drainage corridor for Borgstrom Creek. Steep banks down to the stream. Good mixture of understory species with some maple, spruce, balsam fir, and tag alder along stream. Some mortality to the aspen.																																																					
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104	6124 - Lowland Spruce-Fir	Sapling Well	12.0	28	Immature	N/A	Stand was cut in 1998. Regeneration is doing good. Still sapling size diameters.																																																					
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105	4134 - Aspen, Spruce/Fir	Sapling Well	16.5	28	Immature	N/A	Stand was cut in 1998. Regeneration is doing really good.																																																					
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107	622 - Lowland Shrub	None	5.5			No	Intermittent stream corridor with tag alder present. Buffer strip along the stream. Beaver dam at pipeline R.O.W																																																					
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108	6124 - Lowland Spruce-Fir	Poletimber Well	2.9	83	111-140	N/A	Small stand that has been left as a buffer along the creek and Borgstrom Road.																																																					
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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110 6130 - Fir, Aspen, Maple Sapling Well 17.0 16 Immature N/A Lower ground that seems to be drier than in past inventory entries. Good aspen regen in drier areas, with more conifer in wetter areas.

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	10	Sapling	2	
Quaking Aspen	40	Sapling	2	16
Balsam Fir	20	Sapling	2	
White Spruce	20	Sapling	1	
Northern White Cedar	5	Sapling/Pole	3	
Black Cherry	5	Sapling	2	

112 4191 - Mixed Upland Deciduous with Conifer Poletimber Well 24.1 53 51-80 N/A Mackinac mix stand. Some areas of merchantable poles, mostly non-merchantable poles and saplings.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	5	Sapling/Pole	4	
Red Maple	10	Sapling/Pole	4	
Paper Birch	10	Pole/Sapling	5	
Quaking Aspen	35	Pole/Sapling	6	53
Balsam Fir	20	Pole/Sapling	5	
White Spruce	15	Pole/Sapling	5	
Northern White Cedar	5	Pole	6	

Sub-Canopy Species	Density	Avg. Height	Size
Conifers	High	Variable	Variable
Maple (spp.)	Medium	Variable	Variable

113 6117 - Lowland Deciduous, Mixed Coniferous Poletimber Poor 6.4 53 1-50 N/A Intermittent stream corridor with tag alder present. Buffer strip along the stream.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	20	Pole/Sapling	5	
Red Maple	20	Pole/Sapling	5	
Yellow Birch	5	Log/Pole	10	
Quaking Aspen	25	Pole/Sapling	5	53
Balsam Fir	15	Pole	6	
White Spruce	5	Pole	8	
White Pine	5	Log/Pole	12	
Black Cherry	5	Pole/Sapling	6	

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Low	Variable	Variable

114 4319 - Mixed Upland Forest Poletimber Well 9.4 34 1-50 N/A Small pole sized aspen and balsam fir with some cherry, red maple and spruce.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Sapling/Pole	4	
Quaking Aspen	35	Pole/Sapling	5	34
Balsam Fir	35	Pole/Sapling	5	34
White Spruce	10	Pole/Sapling	5	
White Pine	5	Pole	8	
Black Cherry	5	Pole/Sapling	5	

Sub-Canopy Species	Density	Avg. Height	Size
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Maple (spp.)	Low	Variable	Variable

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115	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	13.4	53	51-80	N/A	Part of the Strickler Sale cut about in 1973. Mixture of species with aspen, maple, spruce, balsam fir, and some cherry. Understory is balsam fir and maple. Some scattered areas of merchantable size, mostly non-merchantable poles and saplings.																																																								
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117	6139 - Mixed Lowland Forest	Sawtimber Well	29.5	106	51-80	N/A	Mackinac mix stand with ridges and swales. Mostly is birch, aspen, balsam fir, and spruce with white pine on the ridges. Heavy mortality occurring within the stands. Very difficult access down a very steep slope. Some swale areas are real wet with tag alder.																																																								
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118	622 - Lowland Shrub	None	11.0			No	East Branch of Black River corridor with tag alder present and few trees along the edge. Buffer strip along the river. Very steep in areas.																																																								
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119	429 - Mixed Upland Conifers	Sawtimber Well	28.0	106	51-80	N/A	Ridges and swales with some wet area. Could potentially harvest ridge areas once spruce and fir reach merchantability in future.																																																								
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123	122 - Road/Parking Lot	None	2.8			No	US - 2 Highway R.O.W. zone.																																																								

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124	42220 - Natural Jack Pine	Poletimber Well	7.7	86	111-140	N/A	Small jack pine stand on south and north side of US -2 highway to leave for aesthetics.																																					
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125	710 - Sand, Soil	None	4.0			No	Lake Michigan beach and sand dune.																																					
402	310 - Herbaceous Openland	None	11.9			No	Previous Notes: Opening on the south side of the pipeline. Some aspen and maple encroaching into the opening. Has a few apple trees present. See locked comments box.																																					
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404	310 - Herbaceous Openland	None	6.6			No	Enbridge Oil Pipeline and Cloverland Electric powerline row with the pipeline on north side and transmission line on south side. Mostly grass with some blueberry, raspberry and trees encroaching. Pipeline and transmission electric row is maintained mechanically and with herbicide applications under the specifications of the land use permit.																																					
409	310 - Herbaceous Openland	None	1.8			No	Great Lakes Gas pipeline r.o.w. opening. Maintained by mechanical or herbicide applications according to the land use permit specifications. Beaver dam where lowland crosses r.o.w																																					
412	310 - Herbaceous Openland	None	3.1			No	Great Lakes Gas pipeline r.o.w. opening. Maintained by mechanical or herbicide applications according to the land use permit specifications.																																					
463	310 - Herbaceous Openland	None	1.2			No	Small opening from the old Timbercrest campground. Mostly still open with grasses with few balsam fir encroaching.																																					
		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Variable</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Variable</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	Variable	Variable	Balsam Fir	Low	Variable	Variable																													
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Balsam Fir	Low	Variable	Variable																																									
475	310 - Herbaceous Openland	None	1.9			Yes	Treat with stand 76 when harvested.																																					
480	310 - Herbaceous Openland	None	29.3			No	Enbridge Oil Pipeline and Cloverland Electric powerline row with the pipeline on north side and transmission line on south side. Mostly grass with some blueberry, raspberry and trees encroaching. Pipeline and electric transmission line are maintained with mechanical and herbicide applications under the specifications of the land use permit.																																					
492	310 - Herbaceous Openland	None	7.6			No	OPIC - FMD: Great Lakes Gas pipeline r.o.w. opening. Maintained by mechanical or herbicide applications according to the land use permit specifications.																																					