



Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 45051

Entry Year 2017

Acreage: 1,758

County Chippewa

Management Area: Waishkey Bay

Revision Date: 2015-07-30

Stand Examiner: Josh Brinks

Legal Description:

T47N R1W Sec 15, 20, 22, 21, 28, 29

Identified Planning Goals:

With recreation being the primary use of this compartment, all treatments that are prescribed will be carried out in a way that protects the recreational resources and provides for public safety. Keeping the public informed of the DNR's goals and activities in the area is essential for obtaining the management goals for this area. Protecting the natural resources will be a priority with the operation of a ski trail and snowmobile trail. Public safety is also a concern and will be taken into consideration.

Soil and topography:

Fibre-Allendale-Pickford: deep, level, poorly drained mucky, sandy, and loamy soils on lake plains and the former flood plains of glacial rivers. Topography is ridge and swale complex typical of ancient lowland Great Lakes shoreline.

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

This block is surrounded by private land with high population of permanent residences on the North side along 16th Ave. The only development is the Algonquin Ski Trail, with parking and restroom facilities on 16th Ave. Land use is trail riding, skiing, and some hunting occurs here also.

Unique Natural Features:

Ridge and swale complex.

Archeological, Historical, and Cultural Features:

None known.

Special Management Designations or Considerations:

Special considerations should be given to the recreational values of the forest around the ski trail areas.

Watershed and Fisheries Considerations:

There are no fisheries values within this compartment other than the Mosquito Bay shoreline. No treatments are planned this entry period and cover types along the shoreline are not typical of scheduled harvests for timber management objectives.

Wildlife Habitat Considerations:

This compartment is part of the Waishkey Bay Management Area where featured species include American bittern, gray jay, and pileated woodpecker. The compartment is a mosaic of spruce, lowland conifer, lowland brush, white pine, and aspen/birch. Ridge/swale topography dominated by low, wet areas, limits the ability to actively manage most of this compartment. Management will be limited to treating older aspen on some accessible ridges and a couple of conifer stands while generally leaving lowlands and less accessible areas untreated, allowing natural processes to continue in those areas. Maturing forest that is left will provide habitat for species like pileated woodpeckers and gray jays while the young early successional habitat resulting from treatments will benefit ruffed grouse, snowshoe hare, and other species. Wetlands will be maintained to benefit wetland wildlife.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of peat and muck and minor lacustrine clay, silt, sand, and gravel. The glacial drift thickness varies between 50 and 100 feet. The Precambrian Jacobsville Sandstone subcrops below the glacial drift. The Jacobsville was previously used as a building stone. A possible old gravel pit is located on Brush Point. An active gravel pit is located in Section 27, and there is a concentration of pits along I-75 just to the east. There appears to be moderate sand gravel potential within the compartment. There is no current economic oil and gas production in the UP.

Vehicle Access:

The old SOO Line RR, now the Soo-Brimley snowmobile trail, is gated at State boundaries; authorized vehicles only. 16th Avenue borders the north side where the Ski Trail is accessed.

Survey Needs:

Recreational Facilities and Opportunities:

Algonquin Ski Trail is the primary recreation use. The old Soo Line RR grade is a snowmobile trail and is gated at road access points. Some hunting occurs here also.

Fire Protection:

Fairly good access through the center of the compartment via the SOO Line RR grade. Water sources are readily available and structure protection would be a concern on all sides of the compartment.

Additional Compartment Information:

The following reports from the Inventory are attached:

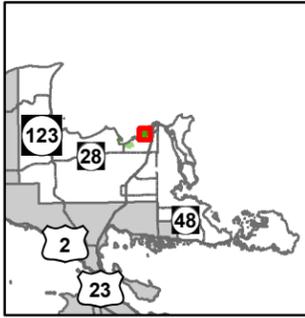
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

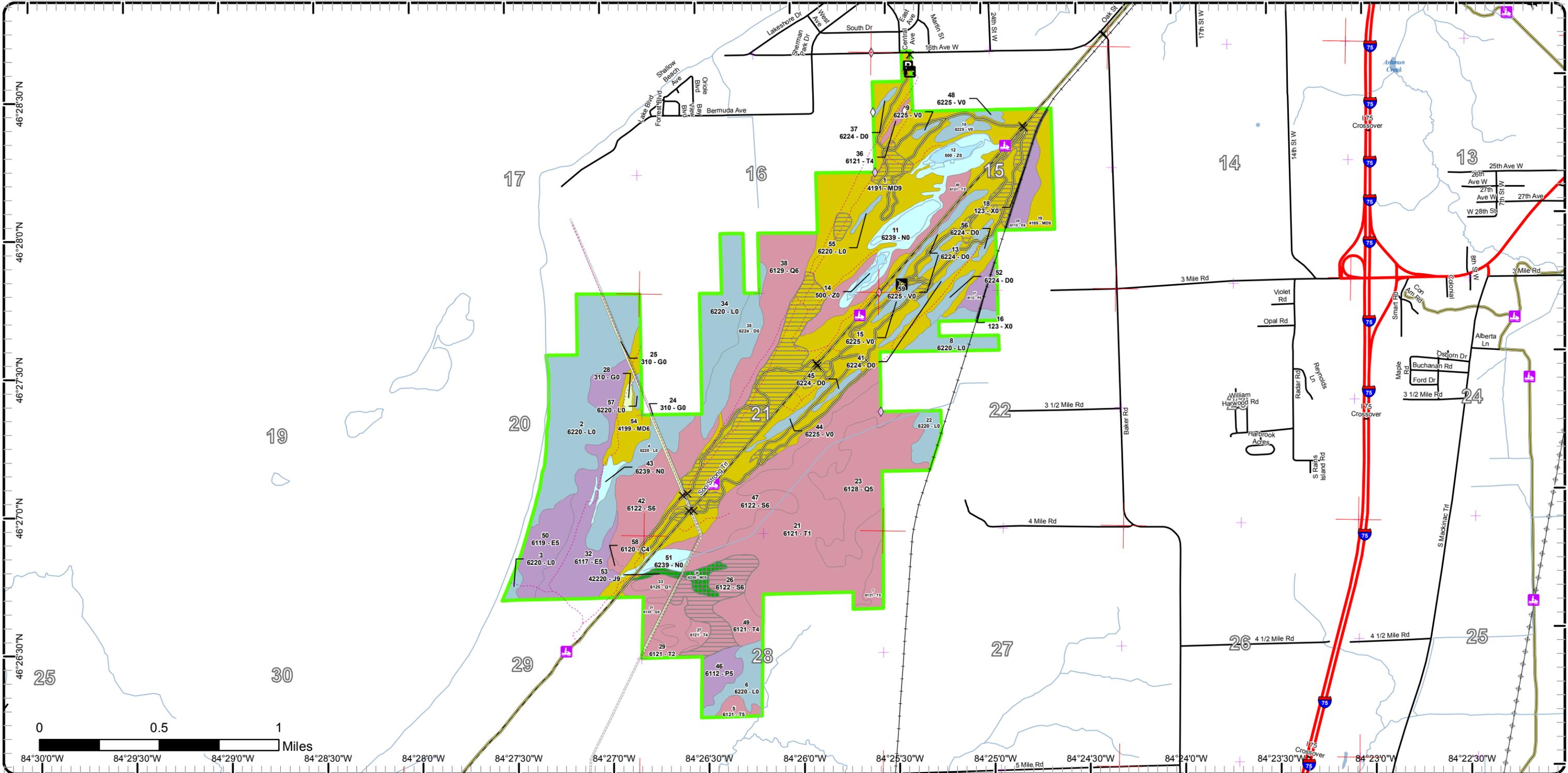
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments

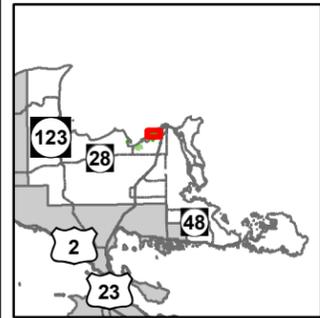
Compartment: 51
 T47N, R01W,
 Sec: 15, 16, 20-22, 28, 29
 County: Chippewa
 Unit: Sault Ste. Marie
 Mgmt Area: Waishkey Bay
 YOE: 2017
 Acres: 1758 GIS Calculated
 Examiner: Josh Brinks
 Map Revised: 8/10/2015
 Map Phase: Review



- ✚ Remonumented Section Corners
- ◇ Field Grade GPS Corners
- Miris Corners
- Highway
- Paved Roads
- Gravel Roads
- Poor Dirt Roads
- Trail (Non-Recreation)
- ✕ Gate
- ✈ Airport
- P Parking Lot
- ✱ Trailhead
- 🚙 Snowmobile Trails
- Railroads
- Rivers
- Lakes
- Pipeline
- ⚡ Powerline
- Treatments
- ▭ Clearcut (w/Reserves)
- ▨ Other Harvest - See Comments
- ▩ Thinning (Crown, Low, Systematic)
- ▧ Seed Tree (w/Reserves)
- Forest Covertype
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- Non-Forest Covertype
- 123 - Other High Intensity Urban
- 310 - Herbaceous Openland
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland



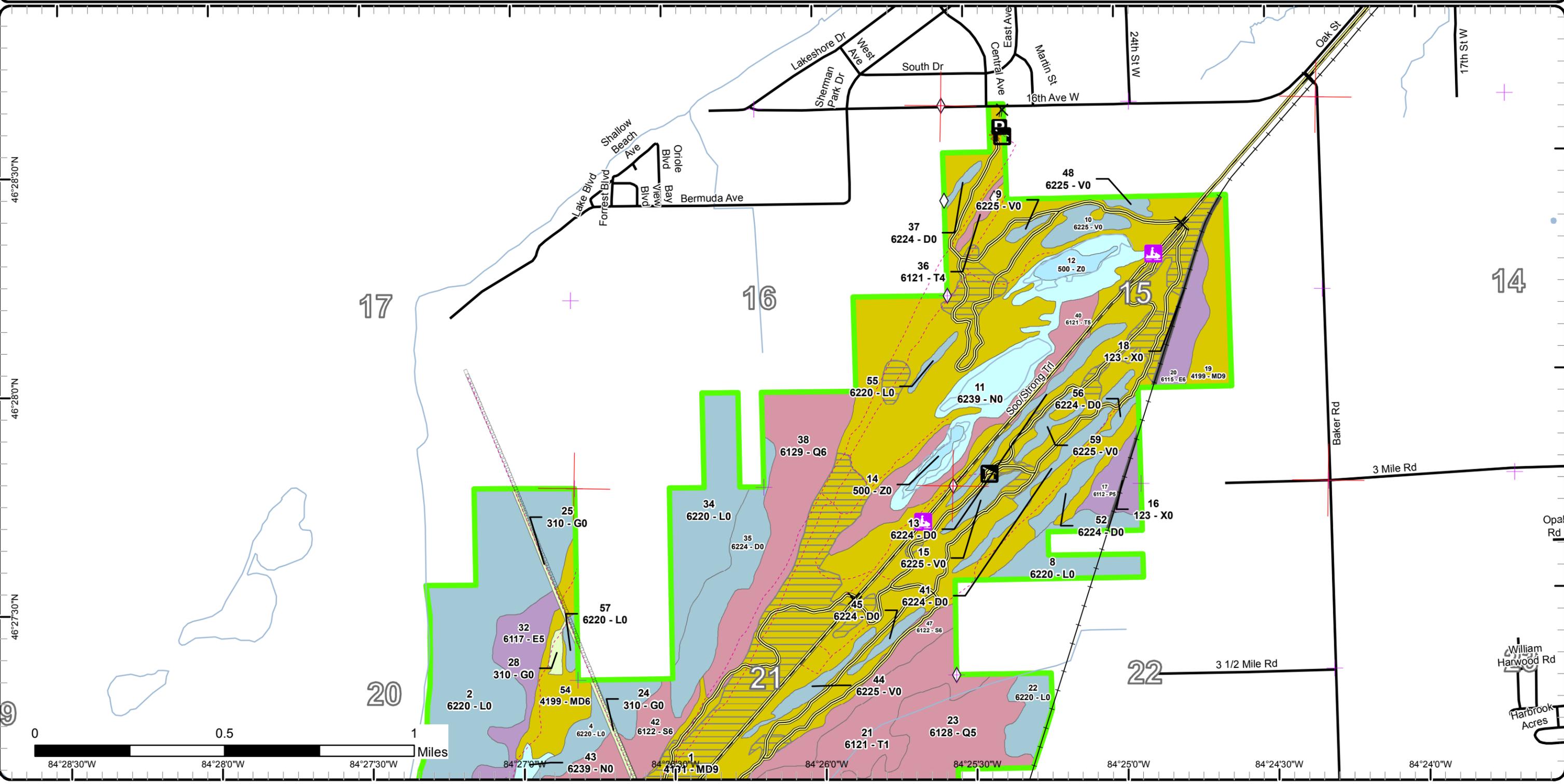
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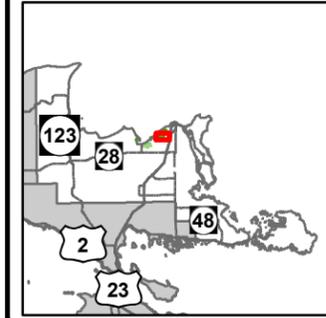


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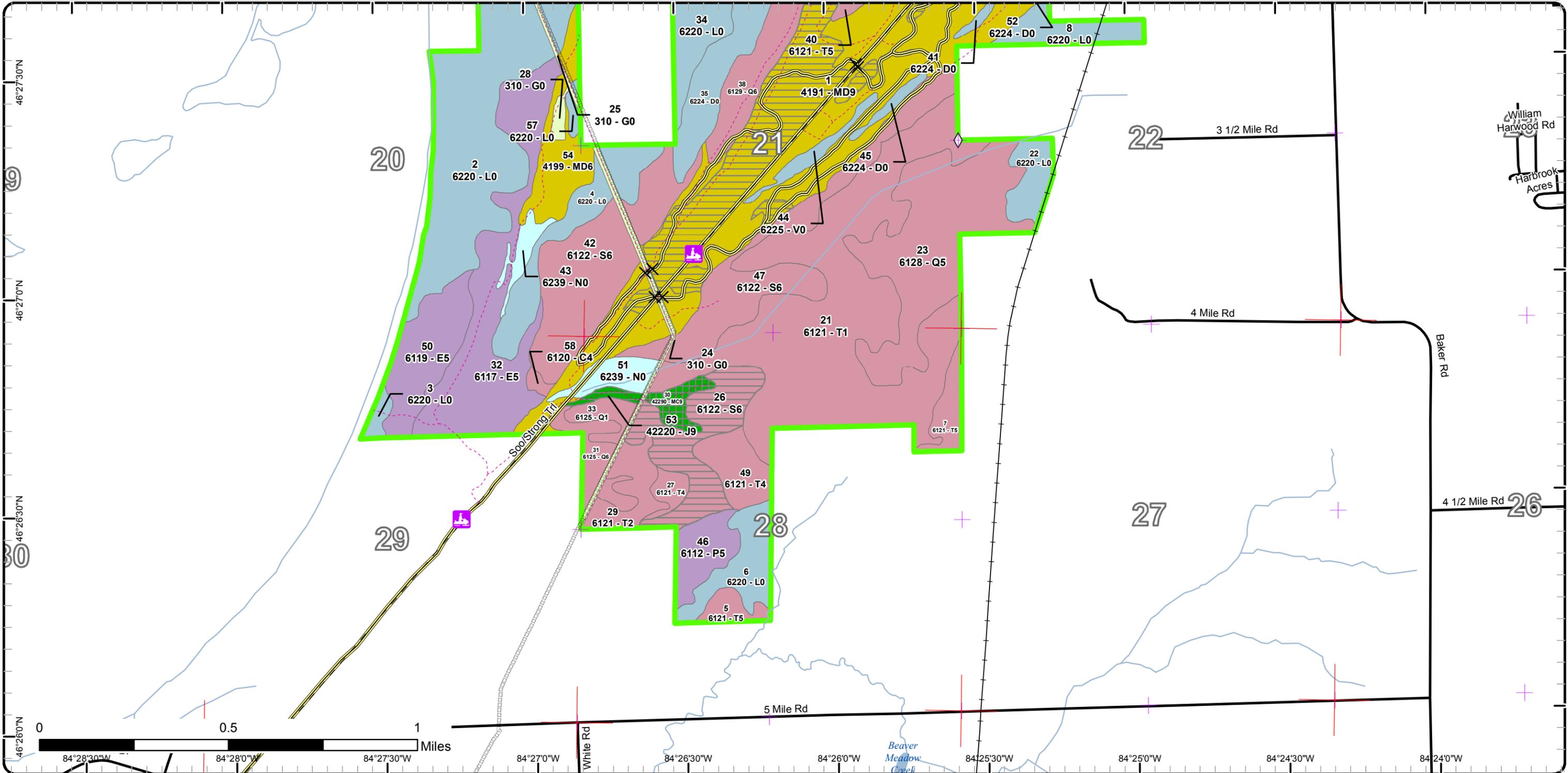


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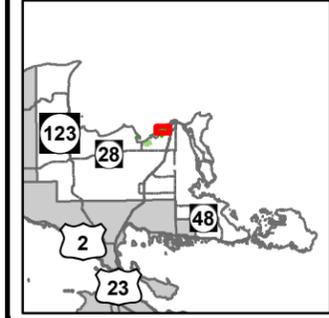


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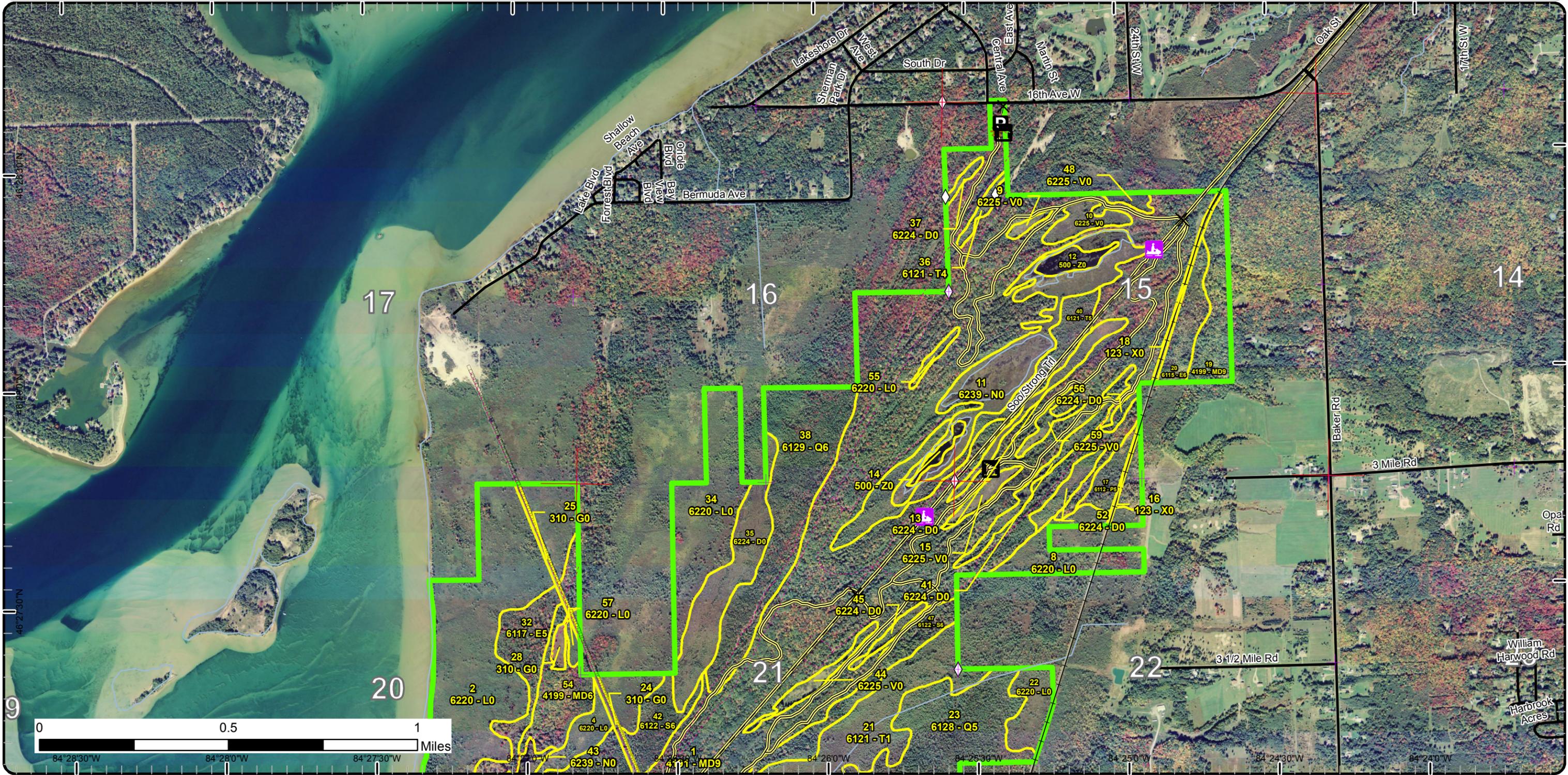


Stand Boundary Map

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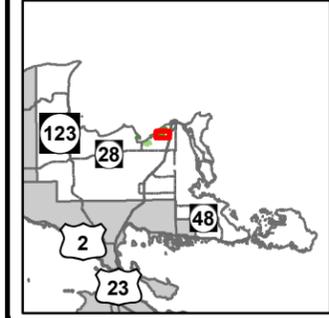


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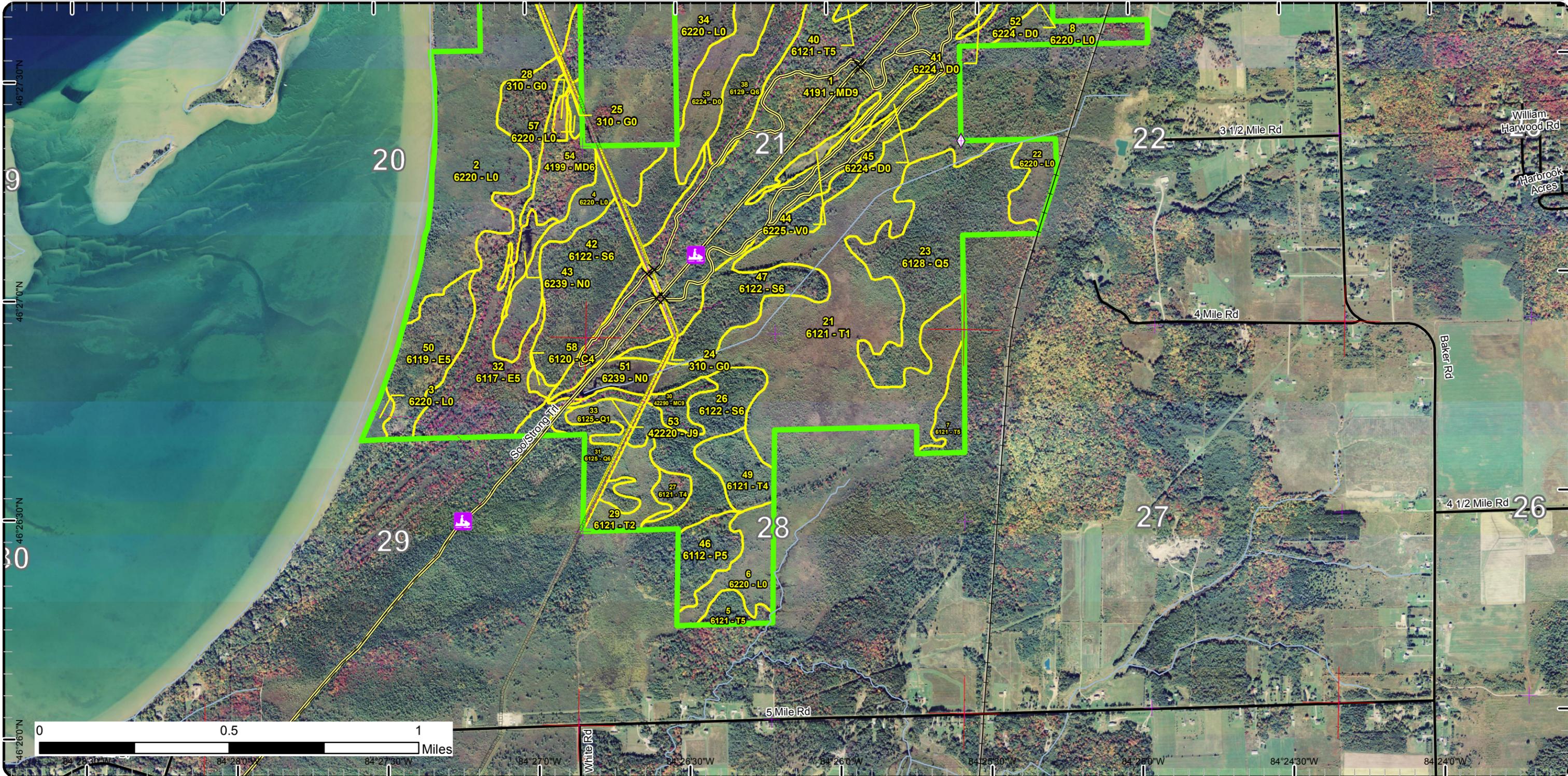


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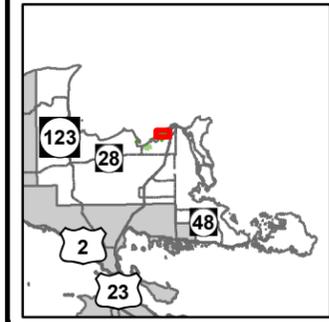


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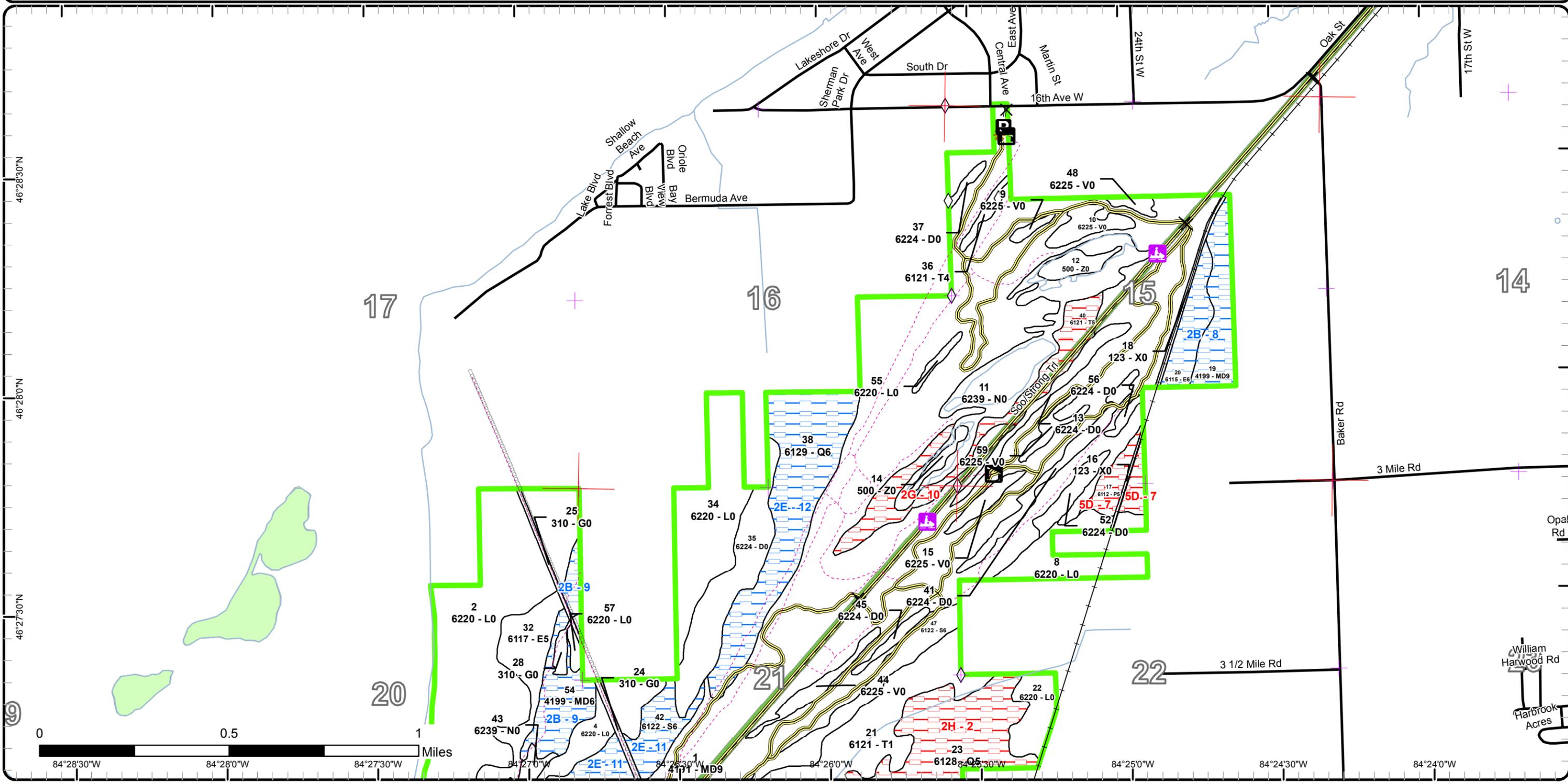


Special Conservation Areas & Site Conditions Map

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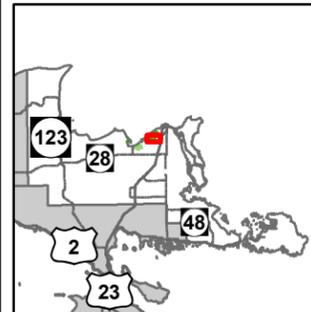


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- ▭ Pipeline
- ▭ Stand Boundaries
- Site Condition
- Available w/ Constraints
- Unavailable
- Available Factors W/ Constraints
- 2B: Unknown if access through adjacent landowner(s) is possible
- 2E: Road needed
- Unavailable Factors
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 5D: Unproductive Forest Land Special Conservation Areas
- Great Lakes Islands
- Rail-Trail Corridor

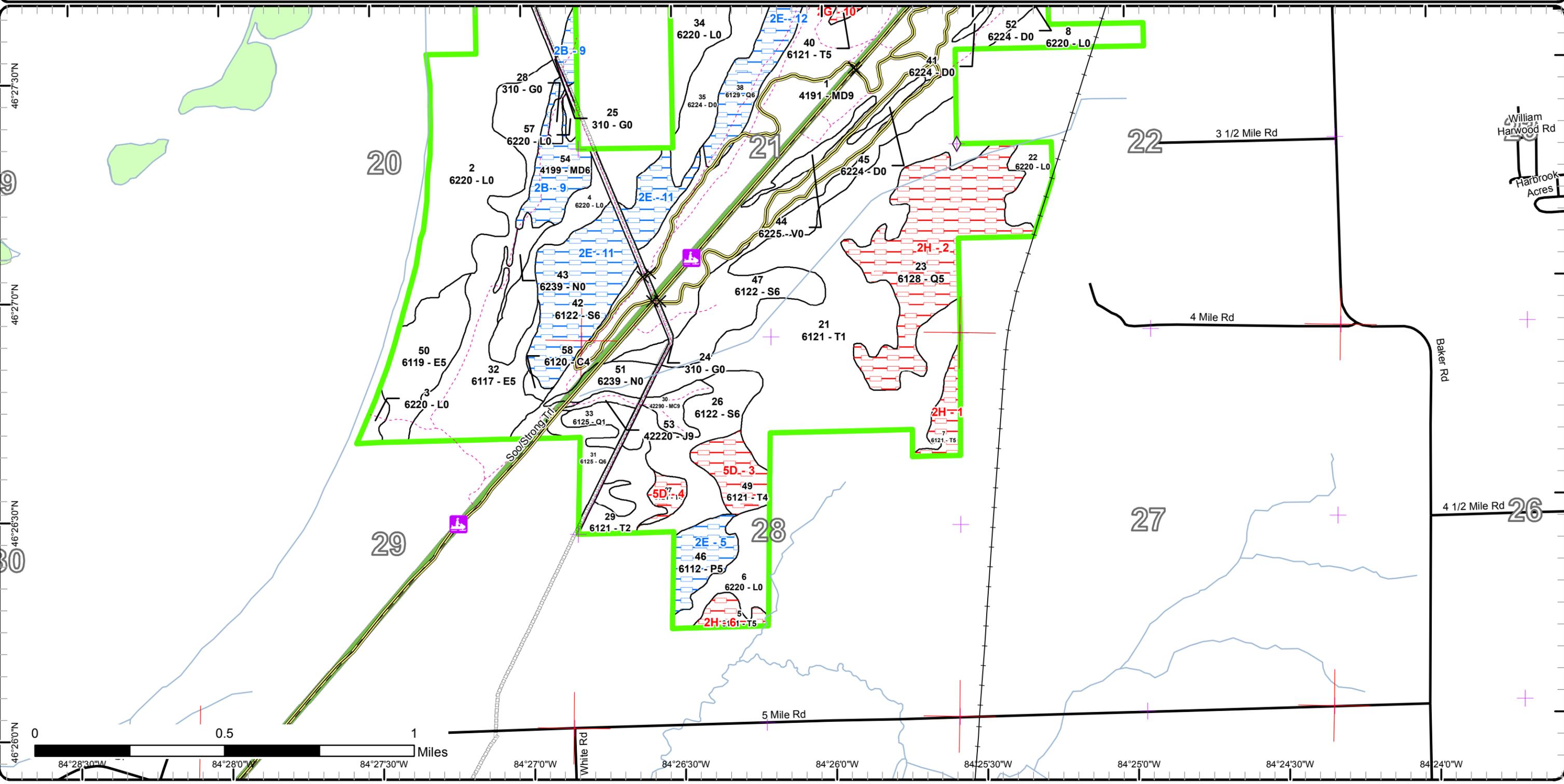


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Report 1 – Total Acres by Cover Type and Age Class



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
Bog	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29
Cedar	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
Herbaceous Openland	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Jack Pine	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3
Lowland Aspen/Balsam Poplar	0	0	0	0	0	0	0	30	0	0	0	0	0	0	0	0	0	0	30
Lowland Conifers	0	0	0	0	0	8	0	14	0	0	148	0	0	0	0	0	0	0	170
Lowland Deciduous	0	0	0	0	0	0	111	0	15	0	0	0	0	0	0	0	0	0	126
Lowland Shrub	265	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	265
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	55	103	0	0	0	0	0	0	0	0	158
Marsh	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	511	22	0	0	0	0	0	0	0	0	533
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	8
Tamarack	0	0	0	0	0	193	3	62	11	0	0	0	0	0	0	0	0	0	269
Treed Bog	72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72
Urban	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Water	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Total	460	0	0	0	0	203	114	109	592	133	148	0	1759						



Report 2 – Treatment Summary

Sault Ste. Marie Mgt. Unit
Year of Entry: 2017

Acres of Harvest

Compartment 51
Total Compartment Acres: 1,758

Commercial Harvest - 207
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
Jack Pine	3	0	0	0	0	0	0	0	0	3
Lowland Spruce/Fir	39	0	0	0	0	0	0	0	0	39
Mixed Upland Deciduous	132	0	0	0	1	0	0	24	0	157
Natural Mixed Pines	0	0	0	8	0	0	0	0	0	8
Total	174	0	0	8	1	0	0	24	0	207

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	207	0	0	0	0	0	0	0	0	207
Next Step	0	0	132	0	0	0	191	0	0	323
Total	207	0	132	0	0	0	191	0	0	530



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	Approval Status
1	45051001-Cut_trail	24.2	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	71	141-170	Harvest	Other - Specify	122 - Road/Parking Lot		Proposal

Habitat Cut: No**Site Condition:**

Prescription Trail improvements including removing potential hazard trees and widening out the trail.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other While the logger is in the area cutting the adjacent treatments they should remove trees to increase trail safety and reduce future maintenance.

Comment: Old next step comments:

Proposed Start Date: 10/1 /2016

1	45051001-Cutcc	127.3	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	71	141-170	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Even-Aged	Proposal
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Habitat Cut: No**Site Condition:**

Prescription Cut all deciduous trees down to 2" in DBH and all conifers down to 4" in DBH. Leave all white pine, red pine, maple, oak and cedar. Stay out of wet swales.

Specs:

Next Step Monitoring, Natural Regen (Intermediate); Planting, Underplant

Treatments:

Acceptable Acceptable regeneration includes, aspen, birch, pine, oak, maple, fir, tamarack, spruce.

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

1	45051001-CutJP	4.6	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	71	141-170	Harvest	Clearcut with Retention	42290 - Natural Mixed Pine	Even-Aged	Proposal
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Habitat Cut: No**Site Condition:**

Prescription Cut all jack pine, aspen and birch down to 2" in DBH. Leave all other species.

Specs:

Next Step Planting, Initial Plant; Monitoring, Natural Regen (Intermediate); Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)

Treatments:

Acceptable Acceptable regeneration includes, jack pine, aspen, birch, white pine, red pine, oak, maple, spruce.

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

1	45051001-CutRP	1.0	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	71	141-170	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	Proposal
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Habitat Cut: No**Site Condition:**

Prescription Thin to 120 removing the small diameter trees and those with defects.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016



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	Approval Status
26	45051026-Cut	39.3	6122 - Black Spruce	Poletimber Well	80	111-140	Harvest	Clearcut with Retention	612 - Lowland Coniferous Forest	Even-Aged	Proposal

Habitat Cut: No

Site Condition:

Prescription Cut all deciduous 2" or more and conifer 4" or more. Leave all white pine, red pine and maple. Also leave oak, hemlock, yellow birch and cedar
Specs: if found within the stand.

Next Step
Treatments:

Acceptable Regen: Acceptable regeneration includes aspen, birch, maple, pine, spruce and fir.

Other Comment: Old next step comments:

Proposed Start Date: 10/1 /2016

30	45051030-Cut	7.7	42290 - Natural Mixed Pine	Sawtimber Well	82	141-170	Harvest	Seed Tree	429 - Mixed Upland Conifers	Two-Aged	Proposal
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Habitat Cut: No

Site Condition:

Prescription Cut all deciduous 2" or more and conifer 4" or more. Leave all red pine, white pine and red maple. In areas of heavy pine mark pine to be
Specs: thinned leaving 20-60 basal area of pine. Also leave cedar, hemlock, oak and yellow birch if it is found within the stand.

Next Step
Treatments:

Acceptable Regen: Acceptable regeneration includes aspen, birch, maple, pine, spruce, and fir.

Other Comment: Old next step comments:

Proposed Start Date: 10/1 /2016

53	45051053-Cut	2.9	42220 - Natural Jack Pine	Sawtimber Well	67	81-110	Harvest	Clearcut with Retention	4222 - Natural Jack Pine	Even-Aged	Proposal
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Habitat Cut: No

Site Condition:

Prescription Cut all deciduous 2" or more and conifer 4" or more. Leave all maple and any red or white pine. Stay out of the low areas adjacent to the bogs
Specs: where the black spruce and tamarack are growing.

Next Step
Treatments:

Acceptable Regen: Acceptable regeneration includes jack pine, spruce, tamarack, paper birch and maple.

Other Comment: Old next step comments:

Proposed Start Date: 10/1 /2016

Total Treatment Acreage Proposed: 207.2

Report 5 – Site Conditions

Sault Ste. Marie Mgt. Unit

Josh Brinks : Examiner

Compartment: 51

Year of Entry: 2017

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions					
		With Condition	Not Available		2B	2E	2G	2H	5D
29	29	0	0	Bog					
2	2	0	0	Cedar					
14	14	0	0	Herbaceous Openland					
3	3	0	0	Jack Pine					
30	0	18	13	Lowland Aspen/Balsam Poplar		18			13
170	22	65	83	Lowland Conifers		65		83	
125	111	15	0	Lowland Deciduous	15				
265	265	0	0	Lowland Shrub					
158	95	64	0	Lowland Spruce/Fir		64			
66	66	0	0	Marsh					
533	486	47	0	Mixed Upland Deciduous	47				
8	8	0	0	Natural Mixed Pines					
269	197	0	73	Tamarack			32	18	23
72	72	0	0	Treed Bog					
5	5	0	0	Urban					
9	9	0	0	Water					
1,758	1,382	207	169	Total Forested Acres	61	146	32	101	36
	79%	12%	10%	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	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	11	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments: Poor quality wet stand.							
2	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	83	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments: Need to cross a bog to access this stand from state land.							

Report 5 – Site Conditions

Sault Ste. Marie Mgt. Unit
Josh Brinks : Examiner

Compartment: 51
Year of Entry: 2017

3	Unavailable	5D: Unproductive Forest Land	17	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	5D: Unproductive Forest Land	6	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
5	Available	2E: Road needed	18	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	7	2G: Too wet (sensitive soils, does not include access issues)	5D: Unproductive Forest Land	Unspecified	Unspecified
Comments: Very poor quality stand. Too wet with no access.							
7	Unavailable	5D: Unproductive Forest Land	13	2G: Too wet (sensitive soils, does not include access issues)	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified
Comments: This is a poor quality aspen stand that is growing over tag alder. Stand is pretty wet and has no access to the east side of the tracks.							
8	Available	2B: Unknown if access through adjacent landowner(s) is possible	36	Unspecified	Unspecified	Unspecified	Unspecified
Comments: To treat these stands they must be accessed from the private to the east. They are bound on the west side by the railroad tracks. There is also a very steep ridge between the two stands that would limit operations in this area.							

Report 5 – Site Conditions

Sault Ste. Marie Mgt. Unit

Josh Brinks : Examiner

Compartment: 51

Year of Entry: 2017

9	Available	2B: Unknown if access through adjacent landowner(s) is possible	25	2I: Survey needed	Unspecified	Unspecified	Unspecified
<p>Comments: The pipeline is the only current access to this stand. It is unknown if the pipeline company will let us truck in the right of way. The right of way is very wet. The pipeline also crosses private property before reaching this stand.</p>							
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	32	5D: Unproductive Forest Land	Unspecified	Unspecified	Unspecified
<p>Comments: Stand is essentially a treed bog. Not many trees and growing on very wet ground adjacent to wetlands.</p>							
11	Available	2E: Road needed	64	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
<p>Comments: This stand must be accessed via the pipeline if we can get permission to use the right of way or from the stand to the south. There is a decently steep ridge in between this stand and the stand to the south.</p>							
12	Available	2E: Road needed	65	2I: Survey needed	Unspecified	Unspecified	Unspecified
<p>Comments:</p>							

Mgt. Unit

Compartment: #Type!

Year of Entry:



Report 6 – 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 7 – 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
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Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	485.7	71	141-170	Stand is full of ridges and swales. Some of the swales are a mix of tamarack and spruce while others are bog or tag alder. This stand is dominated by aspen, paper birch and red maple. There is white pine growing throughout this stand with some groves thick white pine. On the south side of the grade there is a small patch of red pine and some patches of jack pine. The tamarack and black spruce in the stand is growing on lower ground adjacent to the swales. The jack pine and paper birch are both in decline. Paper birch seems to die by the time it gets 10' in dbh.
6121 - Tamarack	Poletimber Medium	7.0	65	51-80	
6121 - Tamarack	Poletimber Medium	10.6	74	81-110	Poor quality wet stand. The west edge has stunted cedar then there is more tamarack/black spruce as you get into the interior of the stand.
6112 - Lowland Aspen	Poletimber Medium	12.9	60	51-80	Stand is low wet ground. Looks like aspen clones are slowly taking over the tag alder.
4199 - Other Mixed Upland Deciduous	Sawtimber Well	21.7	88	81-110	Stand starts at the bottom of a big ridge and runs uphill to the east. As you go uphill it transitions from aspen to a paper birch/red maple/red oak mix.
6115 - Lowland Ash	Poletimber Well	14.6	77	81-110	Lowland stand of ash with a coupe of clones of aspen. There is also a tag alder patch in the middle of the stand.
6121 - Tamarack	Sapling Poor	177.1	45	Unspecified	This is a bog with mostly tamarack. Some patches of thick trees and other area that are fairly open.
6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	83.2	95	51-80	Stand is very tough to access even in the winter. Some cedar growing around the outside of the stand adjacent to the bog area. Wet ground with poor quality trees.
6122 - Black Spruce	Poletimber Well	39.3	80	111-140	Pole size black spruce with larger white and red pine scattered through out the stand. There is a ridge that runs along the north side of the stand where the trail is located.
6121 - Tamarack	Poletimber Poor	5.5	61	1-50	Poor quality stand that is wet.
6121 - Tamarack	Sapling Medium	16.4	40	Unspecified	Stand of immature tamarack with some black spruce. Some pole size trees scattered through out. Very wet bog.
42290 - Natural Mixed Pine	Sawtimber Well	7.7	82	141-170	This stand is mostly lowland with some upland ridges. More red pine mixed in on the west side of the stand. Red pine seems to be larger in DBH than white pine.
6125 - Lowland Black Spruce, Jack Pine	Poletimber Well	14.0	65	81-110	Stand is a mixed bag. Mostly spruce/tamarack with pines mixed in. The jack pine is located in the finger to the north.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
32	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Medium	77.0	56	51-80	Similar species to what can be found in the upland but this stand is less dense and has tag alder in the understory. Stand is below a decent ridge that has a few old hill-cuts. Pockets of ash and tag alder in the stand. Stand has some ridge and swale topography with some ridges of decent timber. Overall a poor quality stand.
33	6125 - Lowland Black Spruce, Jack Pine	Sapling Poor	7.7	40	Unspecified	This is a spruce/tamarack bog. Areas close to the pipeline are supporting a mix with jack pine and white pine.
36	6121 - Tamarack	Poletimber Poor	3.1	56	1-50	Treed bog are. The edge has pole size trees growing and the center sapling size trees.
38	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	64.7	92	111-140	Ridge and swale. Ridges have a mix of aspen/paper birch. The lowland areas are a Q type with some of the swales growing tag alder. This stand is more mixed than the spruce stand to the west. Some areas of thick cedar especially toward the north end of this stand.
40	6121 - Tamarack	Poletimber Medium	32.4	66	51-80	Tamarack and black spruce surrounding the wetlands. More spruce to the south and tamarack to the north.
42	6122 - Black Spruce	Poletimber Well	63.5	81	141-170	The stand is thicker along the south side near the ridge. Closer to the L type north of the stand it starts to get thin with more tag alder and tamarack. In areas of dense canopy there is very little understory.
46	6112 - Lowland Aspen	Poletimber Medium	17.6	63	81-110	Saw this stand from about 200yds away. Lowland aspen/birch stand. Similar to stand to the west along the pipeline.
47	6122 - Black Spruce	Poletimber Well	55.4	72	141-170	Lowland stand of black spruce mixed with white pine. More tamarack in the stand as you get closer to the swamp edge.
49	6121 - Tamarack	Poletimber Poor	17.3	62	1-50	Scattered nice tamarack over a thick blanket of tag alder.
50	6119 - Mixed Lowland Deciduous Forest	Poletimber Medium	33.7	50	51-80	Small diameter E stand with pockets of aspen and balsam poplar. Some scattered conifers. Low quality stand.
53	42220 - Natural Jack Pine	Sawtimber Well	2.9	67	81-110	Ridge of jack pine. Jack pine is declining because of old age.
54	4199 - Other Mixed Upland Deciduous	Poletimber Well	25.2	71	111-140	This is a red maple/birch stand. Most of the stand is an upland covertime but there is a Q component in the east side of the stand along the L. Thick balsam fir in the understory. Aspen is declining.
58	6120 - Lowland Cedar	Poletimber Poor	1.9	40	1-50	L stand that is supporting some trees. Small diameter and very wet.



Stand	Cover Type	Acres	Managed Site	General Comments:
2	6220 - Alder/willow	121.9	No	Tag alder with scattered paper birch, red maple and fir.
3	6220 - Alder/willow	3.8	No	Trail through stand is used to access the bay for ice fishing.
4	6220 - Alder/willow	31.7	No	Tag alder with scatted tamarack, balsam fir, spruce and paper birch.
6	6220 - Alder/willow	21.9	No	
8	6220 - Alder/willow	20.8	No	Tag alder with a few clones of aspen.
9	6225 - Bog	1.9	No	Mostly open bog area with some tamarack, white pine, spruce and tag alder
10	6225 - Bog	8.0	No	
11	6239 - Mixed Emergent Wetland	48.3	No	Stand is seasonally flooded.
12	500 - Water	6.0	No	Pond with some beaver activity
13	6224 - Treed Bog	9.7	No	Mostly tamarack, white pine, spruce, paper birch and some tag alder.
14	500 - Water	2.9	No	
15	6225 - Bog	5.2	No	fairly open bog area. North end is more of a treed bog with tamarack, white pine and paper birch.
16	123 - Other High Intensity Urban	1.3	No	Railroad
18	123 - Other High Intensity Urban	3.6	No	Railroad
22	6220 - Alder/willow	13.4	No	
24	310 - Herbaceous Openland	8.9	No	Pipeline.
25	310 - Herbaceous Openland	2.8	No	Pipeline
28	310 - Herbaceous Openland	2.4	No	



Stand	Cover Type	Acres	Managed Site	General Comments:
34	6220 - Alder/willow	47.2	No	Tag alder with scattered pole size paper birch and tamarack.
35	6224 - Treed Bog	33.8	No	Almost called this a forested stand. Very wet ground with stunted cedar growing on it. There are little "ponds" and drainages throughout the stand.
37	6224 - Treed Bog	1.9	No	tamarack, cedar, spruce, paper birch, tag alder
41	6224 - Treed Bog	11.6	No	White pine, tamarack, spruce and some tag alder.
43	6239 - Mixed Emergent Wetland	6.5	No	Stand contains a beaver flooding.
44	6225 - Bog	6.7	No	Middle portion of this stand is very wet and open. North and south fingers are more of a treed bog.
45	6224 - Treed Bog	3.6	No	White pine, tamarack, spruce and a few jack pine.
48	6225 - Bog	2.7	No	Mostly open bog with tag alder around the edges and some scattered trees
51	6239 - Mixed Emergent Wetland	11.2	No	This stand is seasonally flooded and seems like at least a portion of the stand holds water all year. Scattered trees throughout the stand.
52	6224 - Treed Bog	9.1	No	Mostly tamarack with some spruce and paper birch. tag alder underneath in a few spots.
55	6220 - Alder/willow	2.2	No	Alder around the outside with wetland in the middle.
56	6224 - Treed Bog	2.0	No	Tamarack, spruce, paper birch and some tag alder.
57	6220 - Alder/willow	2.5	No	
59	6225 - Bog	4.2	No	fairly open bog area. North end is more of a treed bog with tamarack, white pine and paper birch.