



Compartment Review Presentation

Baraga Forest Management Unit

Compartment 11082

Entry Year 2017

Acreage: 2,354

County Keweenaw

Management Area: Keweenaw Tip

Revision Date: 2014-12-01

Stand Examiner:

Legal Description:

T58N R28W, Sections 11, 14, 21, 22, 23, 24, 25, 26, 27, 28, 35, 36.

Identified Planning Goals:

Soil and topography:

This is an area of fairly rugged topography. Even the more level areas of upland are rocky. Soils are Trimountain-Lac La Belle- Michigamme complex, Arcadian-Dishno-Rock Outcrop complex, Arcadian-Michigamme-Rock Outcrop complex, Arcadian-Nipissing-Rock Outcrop complex, Montreal-Paavola-Dishno complex, Copper Harbor-Bete Grise complex. Lupton and Tawas mucks, Dawson and Loxley peat.

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

Lands to the north are commercial forest. Lands to the west are a mix of commercial forest and small private owners. State land is to the east, and Lake Superior is to the south. Use on land to the north is predominantly commercial forest.

Unique Natural Features:

There are some threatened or endangered plants within the compartment.

Archeological, Historical, and Cultural Features:

It is probable that there are some archeological sites within the compartment.

Special Management Designations or Considerations:

There are many natural communities throughout this compartment that are recognized by MNFI.

Watershed and Fisheries Considerations:

The Montreal River runs through much of this compartment and is a high quality trout stream.

Wildlife Habitat Considerations:

Maintain Montreal River vicinity in its natural state for scenic, water quality, and wildlife travel corridor purposes. This compartment features threatened and endangered plant species.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of coarse-textured glacial till thin to discontinuous along the coastline. There is insufficient data to determine the glacial drift thickness. The Precambrian Copper Harbor Conglomerate subcrops below the glacial drift. The Copper Harbor was previously mined for small amounts of copper. There are no gravel pits in the area, but there should be some potential. Abandoned copper mines are located just to the north and the economic copper has probably been removed. The Compartment has not leased for metallic exploration recently. There is no economic oil and gas production in the UP.

Vehicle Access:

Access is from the end of US-41 east of Copper Harbor using the Mandan Road. DNR has easements for parts of that road, as well as other roads accessing state land. The road system is generally poor (rough roads).

Survey Needs:

If harvest activities are prescribed survey will be required.

Recreational Facilities and Opportunities:

Fire Protection:

The Keystone Bay fire burn in this compartment. Fires exhibit ground fire behavior and have extremely limited road access.

Additional Compartment Information:

The following reports from the Inventory are attached:

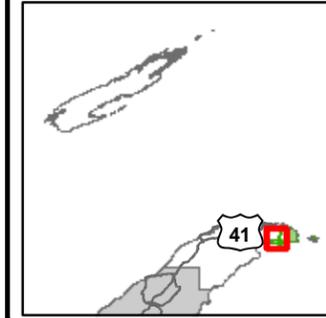
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

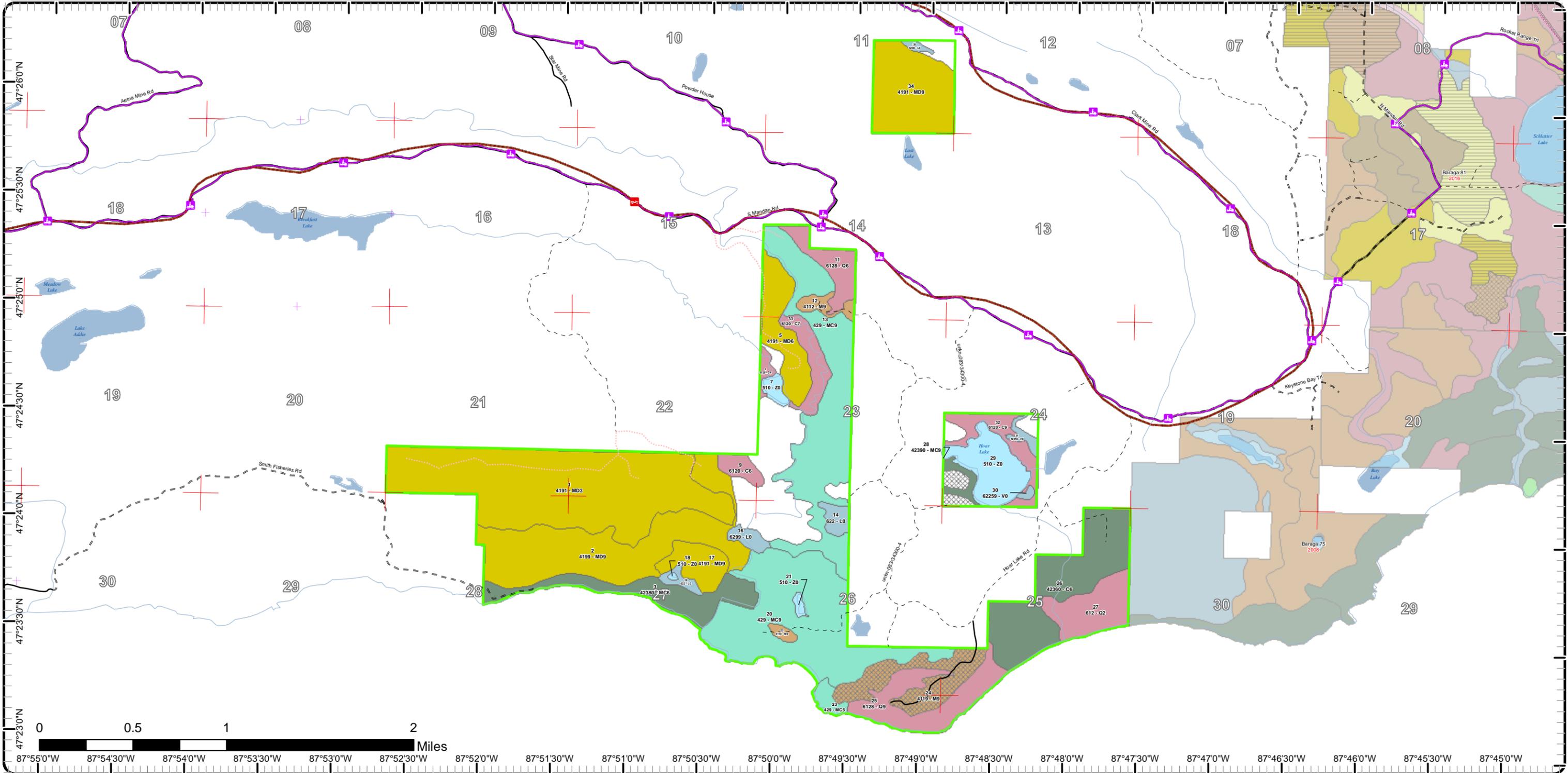
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments

Compartment: 82
 T58N, R28W, Sec. 11,14, 21-28
 County: Keweenaw
 Unit: Baraga
 Mgmt Area: Keweenaw Tip
 YOE: 2017
 Acres: 2354 GIS Calculated
 Examiner: Brad Carlson
 Map Revised: 5/20/2015
 Map Phase: Pre-Review

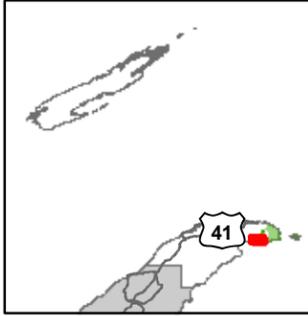


- ✚ Remonumented Section Corners
- Miris Corners
- Paved Roads
- Gravel Roads
- - Poor Dirt Roads
- - - Trail (Non-Recreation)
- - - Closed Roads
- ORV Routes
- Snowmobile Trails
- ORV Route
- Snowmobile Trails
- Rivers
- Lakes
- Pipeline
- Treatments
- Selection (Group, Single Tree)
- Forest Covertype
- 411 - Northern Hardwood
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 612 - Lowland Coniferous Forest
- Non-Forest Covertype
- 500 - Water
- 622 - Lowland Shrub

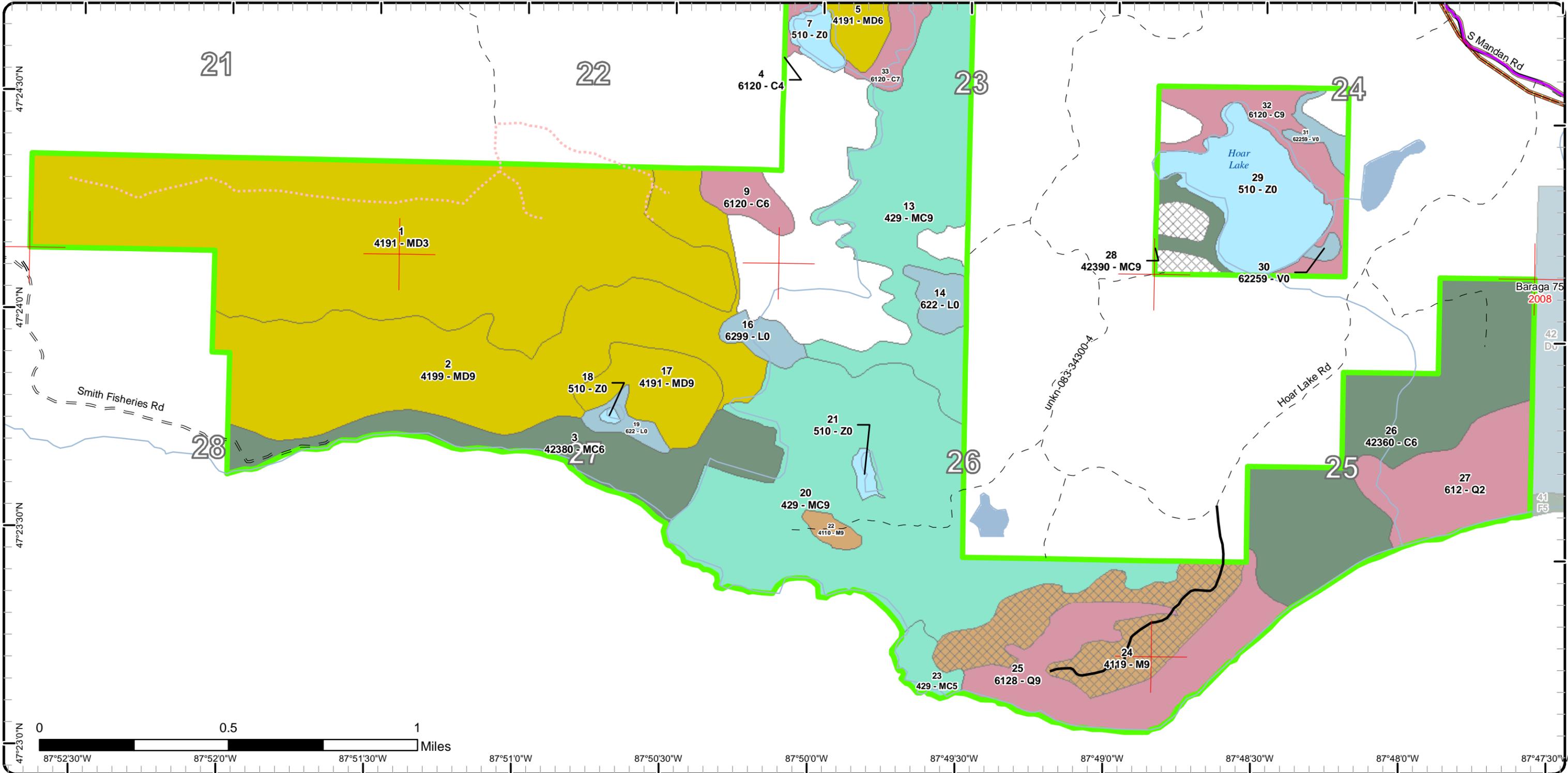


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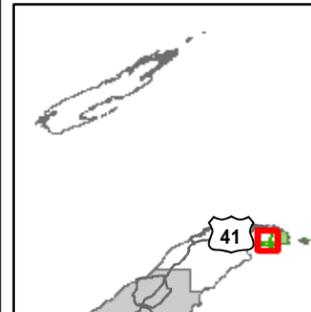


- Miris Corners
 - Paved Roads
 - =** Gravel Roads
 - -** Poor Dirt Roads
 - ⋯** Closed Roads
 - - -** ORV Route
 - Snowmobile Trails
 - Rivers
 - Lakes
 - ▣** Selection (Group, Single Tree)
- | | |
|---|---|
| <ul style="list-style-type: none"> ▣ 411 - Northern Hardwood ▣ 419 - Mixed Upland Deciduous ▣ 423 - Other Upland Conifers ▣ 429 - Mixed Upland Conifers ▣ 612 - Lowland Coniferous Forest | <ul style="list-style-type: none"> ▣ Non-Forest Covertype ▣ 500 - Water ▣ 622 - Lowland Shrub |
|---|---|



Baraga 75
2008
42 DU
41 FS

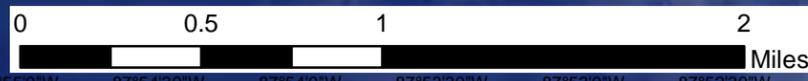
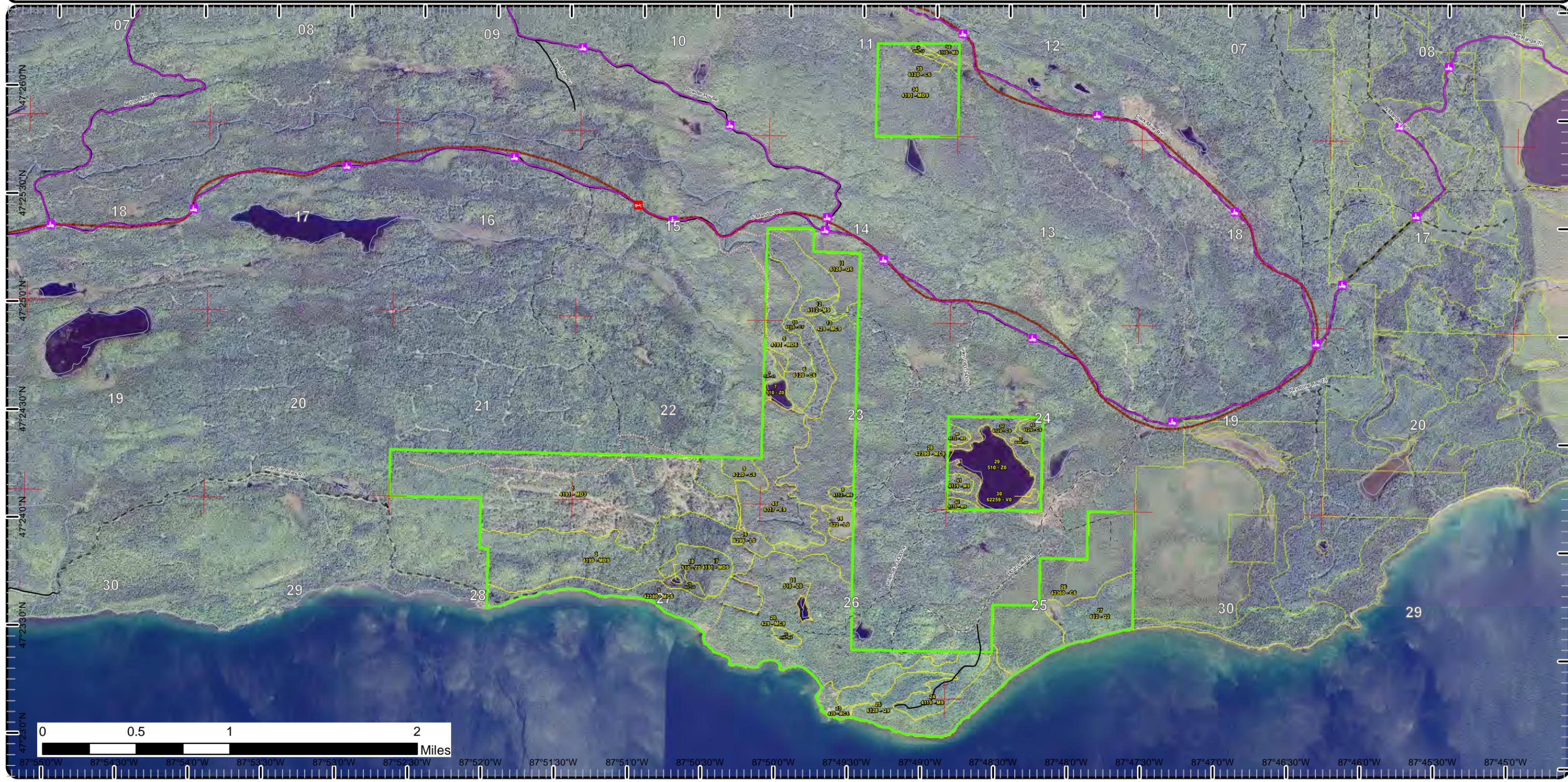
Stand Boundary Map



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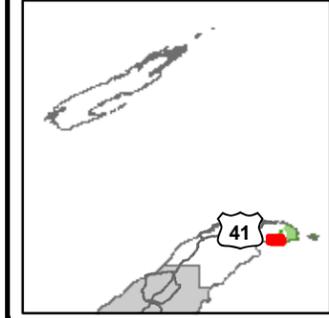
622 - Lowland Shrub



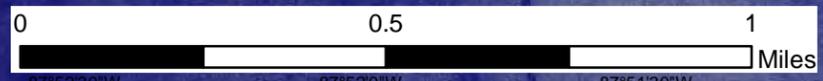
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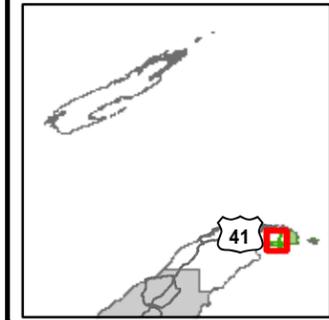
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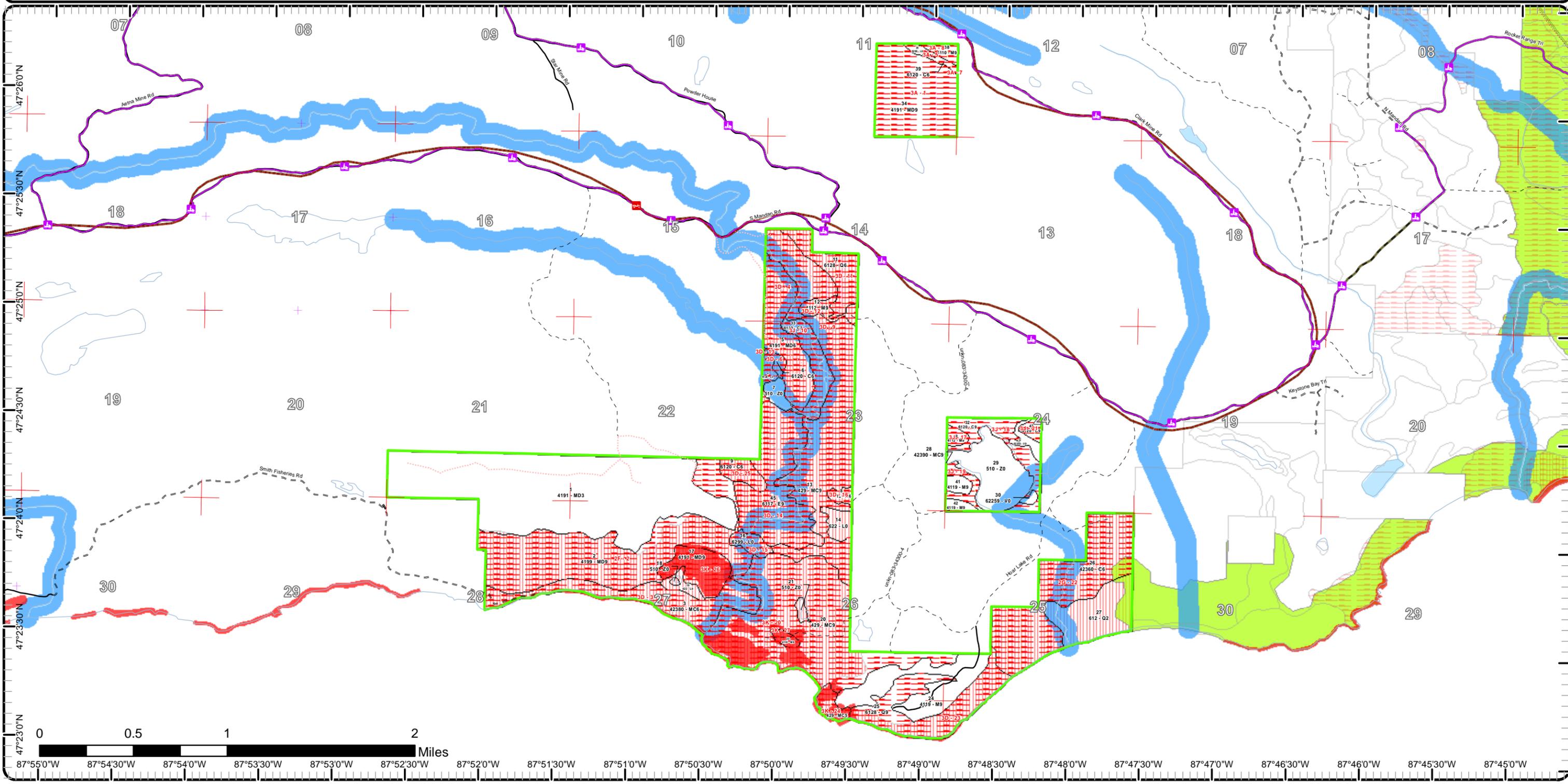
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Special Conservation Areas & Site Conditions Map

Compartment: 82
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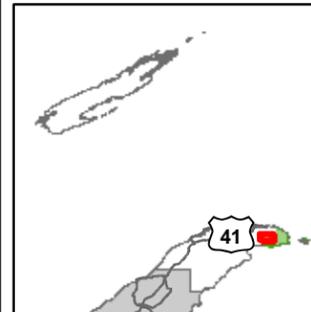


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- Rivers
- Pipeline
- Stand Boundaries
- Site Condition
- Unavailable
- Unavailable Factors
- 2F: Too steep
- 2G: Too wet (sensitive soils, does not include access issues)
- 3A: Potential old growth / biodiversity
- 3D: Recreational / Scenic values
- 3J: Water quality / BMPs (stream, river, or lake)
- 3K: Rare or unique landforms
- Special Conservation Areas
- Ecological Reference Areas
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer
- Possible Type 2 Old Growth

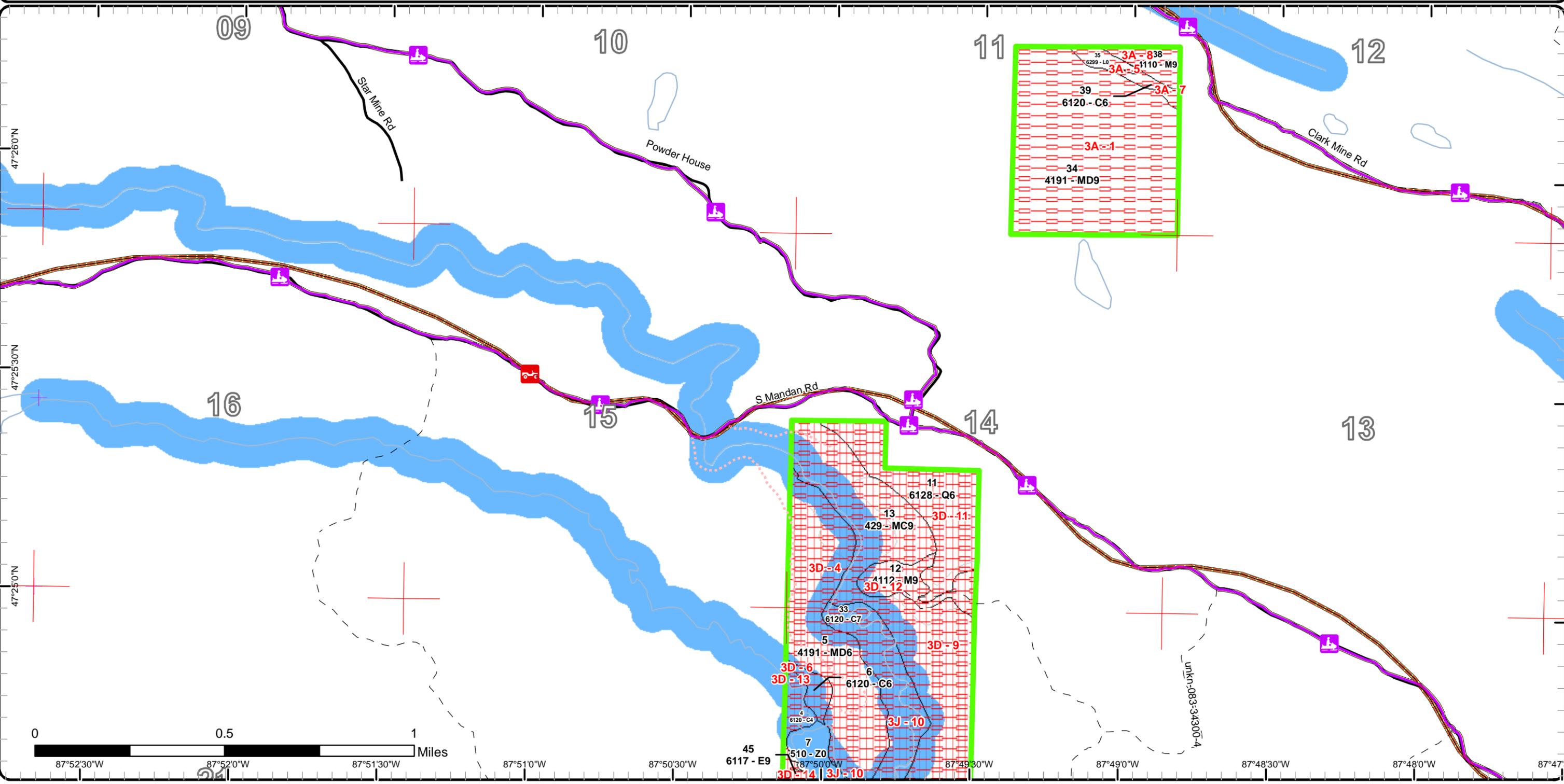


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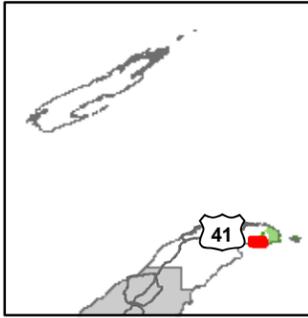


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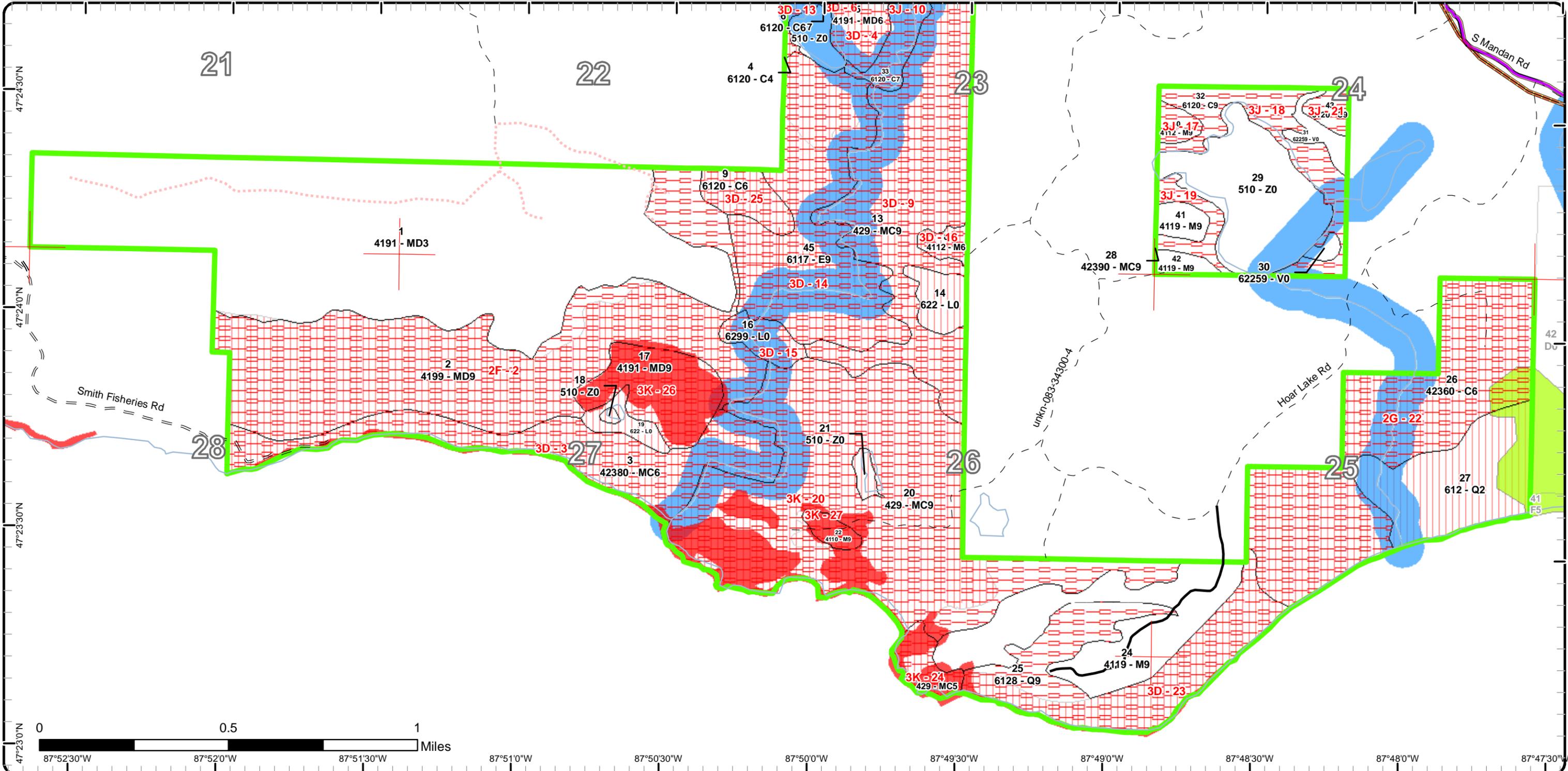


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- | | | |
|-----------------------|---|------------------------------|
| — Miris Corners | Unavailable Factors | ■ Possible Type 2 Old Growth |
| — Paved Roads | 2F: Too steep | |
| ≡ Gravel Roads | 2G: Too wet (sensitive soils, does not include access issues) | |
| - - - Poor Dirt Roads | 3D: Recreational / Scenic values | |
| ⋯ Closed Roads | 3J: Water quality / BMPs (stream, river, or lake) | |
| — ORV Route | 3K: Rare or unique landforms | |
| — Snowmobile Trails | Special Conservation Areas | |
| — Rivers | ■ Ecological Reference Areas | |
| □ Stand Boundaries | — Cold Water Streams | |
| □ Site Condition | ■ High Priority Trout Stream Buffer | |
| — Unavailable | | |



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	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Cedar	0	0	0	0	0	0	164	0	7	0	4	22	0	0	0	0	0	84	281
Lowland Conifers	0	0	0	0	0	0	0	69	0	0	92	40	0	0	0	0	0	0	201
Lowland Deciduous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	123	123
Lowland Shrub	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38
Mixed Upland Deciduous	0	398	0	0	0	0	71	0	0	0	0	0	0	0	0	0	0	400	869
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	134	134
Upland Conifers	0	0	0	0	0	0	0	0	0	0	0	229	0	0	0	0	0	383	612
Water	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	84
Total	133	398	0	0	0	0	235	69	7	0	96	291	0	0	0	0	0	1124	2353



Report 2 – Treatment Summary

Baraga Mgt. Unit
Year of Entry: 2017

Acres of Harvest

Compartment 82
Total Compartment Acres: 2,354

Commercial Harvest - 93
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
Northern Hardwood		0	93	0	0	0	0	0	0	0	93
	Total	0	93	0	0	0	0	0	0	0	93

Proposed and Next Step Treatments by Harvest Method

		Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current		93	0	0	0	0	0	0	0	0	93
Next Step		0	0	0	0	0	93	0	0	0	93
	Total	93	0	0	0	0	93	0	0	0	185



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
24	11082024-Cut	79.3	4119 - Mixed Northern Hardwoods	Sawtimber Well	99	141- 170	Harvest	Single Tree Selection	4110 - Sugar Maple Association	Uneven- Aged	Proposal - Approval Pending Edits

Habitat Cut: No**Site Condition: None**

Prescription Selectively thin hardwoods to 70-90 sqft of BA. Favor oak, white pine and cedar where present. Oak should be released on 3 sides to an average BA of 60 sqft. Follow all guidelines set forth in "The Complete Marker".

Next Step
Treatments:

Acceptable Any tree species that are currently represented in the over story.
Regen:

Other Old next step comments:
Comment:

Proposed Start Date: 10/1 /2016

41	11082041-Cut	7.5	4119 - Mixed Northern Hardwoods	Sawtimber Well	99	81-110	Harvest	Single Tree Selection	4110 - Sugar Maple Association	Uneven- Aged	Proposal - Approval Pending Edits
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Habitat Cut: No**Site Condition: None**

Prescription Selectively thin hardwoods to 70-90 sqft of BA. Favor oak, white pine and cedar where present. Oak should be released on 3 sides to an average BA of 60 sqft. Follow all guidelines set forth in "The Complete Marker".

Next Step
Treatments:

Acceptable Any tree species that are currently represented in the over story.
Regen:

Other Access across Private. Old next step comments:
Comment:

Proposed Start Date: 10/1 /2016

42	11082042-Cut	5.8	4119 - Mixed Northern Hardwoods	Sawtimber Well	99	81-110	Harvest	Single Tree Selection	4110 - Sugar Maple Association	Uneven- Aged	Proposal - Approval Pending Edits
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Habitat Cut: No**Site Condition: None**

Prescription Selectively thin hardwoods to 70-90 sqft of BA. Favor oak, hemlock, white pine and cedar where present. Oak should be released on 3 sides to an average BA of 60 sqft. Where 30 sqft or more of hemlock occurs thin to no less than 100 sqft of BA. Follow all guidelines set forth in "The Complete Marker".

Next Step
Treatments:

Acceptable Any tree species that are currently represented in the over story.
Regen:

Other Old next step comments:
Comment:

Proposed Start Date: 10/1 /2016

**Total Treatment
Acreage Proposed: 92.6**

Dominant Site Conditions

	2G	3A	3D	3J	3K
Bog					
Cedar	164	4	29	84	
Lowland Conifers			133		
Lowland Deciduous			123		
Lowland Shrub		4	12		
Mixed Upland Deciduous		123	71		41
Northern Hardwood		8	21	6	6
Upland Conifers			320	12	280
Water					
Total Forested Acres	164	138	710	101	327
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	3A: Potential old growth / biodiversity	123	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
Comments: Stand is surrounded by a cliff. Potential type 2 old growth.							
2	Unavailable	2F: Too steep	237	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: Bluff dropping down to Lake Superior. Too Steep, erosion hazard.							
3	Unavailable	3D: Recreational / Scenic values	92	3K: Rare or unique landforms	Unspecified	Unspecified	Unspecified
Comments: ERA. Volcanic Bedrock Glade along the shoreline. Mouth of Montreal River on eastern end of stand.							

Report 5 – Site Conditions

Baraga Mgt. Unit
Brad Carlson : Examiner

Compartment: 82
Year of Entry: 2017

4	Unavailable	3D: Recreational / Scenic values	71	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: Montreal River corridor, potential natural and scenic river.							
5	Unavailable	3A: Potential old growth / biodiversity	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Block with the rest of the quarter section for type 2 old growth.							
6	Unavailable	3D: Recreational / Scenic values	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Possible Natural Scenic River for the Montreal River.							
7	Unavailable	3A: Potential old growth / biodiversity	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Block in with rest of the quarter section for type 2 old growth.							
8	Unavailable	3A: Potential old growth / biodiversity	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stand appears to not have been harvested. Block with the rest of the quarter section for type 2 old growth.							
9	Unavailable	3D: Recreational / Scenic values	229	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: Montreal River corridor, possible natural scenic river.							

Report 5 – Site Conditions

Baraga Mgt. Unit
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10	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	35	3D: Recreational / Scenic values	Unspecified	Unspecified	Unspecified
Comments: Montreal River corridor, potential natural and scenic river.							
11	Unavailable	3D: Recreational / Scenic values	40	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Possible Natural Scenic River for the Montreal River.							
12	Unavailable	3D: Recreational / Scenic values	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Possible Natural Scenic River for the Montreal River.							
13	Unavailable	3D: Recreational / Scenic values	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Possible Natural Scenic River for the Montreal River.							
14	Unavailable	3D: Recreational / Scenic values	124	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Possible Natural Scenic River for the Montreal River.							
15	Unavailable	3D: Recreational / Scenic values	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Possible Natural Scenic River for the Montreal River.							
16	Unavailable	3D: Recreational / Scenic values	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Potential Wild and Scenic River, Montreal River Corridor.							

Report 5 – Site Conditions

Baraga Mgt. Unit
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17	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments: No road to stand, private property. Stand slopes to the lake. Low volume, scattered log trees with a sapling understory.							
18	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	42	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
19	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
20	Unavailable	3K: Rare or unique landforms	267	3D: Recreational / Scenic values	Unspecified	Unspecified	Unspecified
Comments: ERA. Volcanic Bedrock Glade. Montreal River Corridor, Lake Superior Shoreline.							
21	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
22	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	164	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stunted cedar swamp. Very wet ground, stocking tapers to sapling sized trees towards the inner part of the stand.							

Report 5 – Site Conditions

Baraga Mgt. Unit
Brad Carlson : Examiner

Compartment: 82
Year of Entry: 2017

23	Unavailable	3D: Recreational / Scenic values	92	3J: Water quality / BMPs (stream, river, or lake)	3K: Rare or unique landforms	Unspecified	Unspecified
Comments: ERA. Volcanic Bedrock Glade along the Shoreline. Lake Superior shoreline.							
24	Unavailable	3K: Rare or unique landforms	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments: ERA. Volcanic Bedrock Glade.							
25	Unavailable	3D: Recreational / Scenic values	17	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Montreal River Corridor, possible natural scenic river.							
26	Unavailable	3K: Rare or unique landforms	41	3D: Recreational / Scenic values	Unspecified	Unspecified	Unspecified
Comments: ERA. Volcanic Bedrock Glade. Potential Wild and Scenic River, Montreal River Corridor.							
27	Unavailable	3K: Rare or unique landforms	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments: ERA. Volcanic Bedrock Glade.							

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
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.
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of natural communities that have been identified as Element Occurrences (EOs) by the Michigan Natural Features Inventory (MNFI) within the context of their natural community classification system. Element Occurrences with viability ranks of A (Excellent) or B (Good) and a Global (G) or State (S) element (rarity) ranking of endangered (1), threatened (2), or rare (3) serve as an initial base of ERAs. They may be located upon any ownership in the State. The system is comprised of individual or associations of natural community types that are managed for restoration and maintenance of natural ecological processes and values. The public may submit recommendations for lands as ERAs using the DNR Conservation Area Recommendation Form.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	397.7	1	1-50	Cutting was finished the summer of 2014. Montreal Hdwd. The eastern part of the stand was harvested aprx 3 years prior to the far western part. All conifer and most of the oak was left from the parent stand.
2	4199 - Other Mixed Upland Deciduous	Sawtimber Well	236.9	99	111-140	VERY Steep hillside / bluff down to Smiths Fisheries. OPIC - FMD: Dry mesic northern forest. Rugged topography, steep slopes. Recommended 'minimum impact' zone. Possible threatened or endangered plants. Proposed for natural area status, adjacent to Montreal corridor.
3	42380 - Non Pine Upland Conifer, Mixed Deciduous	Poletimber Well	91.6	99	111-140	Narrow level area between hill and Lake Superior. There is a 10 ft drop cliff to Lake Superior. There is a popular hiking trail along edge. Committee recommended proposed campsites near river mouth. Trails get frequent use. Proposed for possible natural area. This zone has most of the threatened and endangered plants.
4	6120 - Lowland Cedar	Poletimber Poor	7.1	70	1-50	OPIC - FMD: Part of Montecal River corridor. Proposed by advisory group for natural area status.
5	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	71.4	50	51-80	There is a pretty good flush of aspen saplings in the understory from having the most of the over story aspen removed aprx 15 years ago. Poor quality hardwood poles with some aspen poles. Proposed for natural area status by advisory committee. Stand was thinned before purchase. There is a logging road that extends to Copper Lake.
6	6120 - Lowland Cedar	Poletimber Well	5.0	100	141-170	Part of Montreal River corridor. Proposed by advisory group for natural area status.
8	4112 - Maple, Beech, Cherry Association	Poletimber Well	6.4	99	111-140	Montreal River corridor. Proposed by advisory group for natural area status. Possible endangered or threatened plants. There are old logging roads within the stand. There are also proposed hiking trails.
9	6120 - Lowland Cedar	Poletimber Well	16.9	100	141-170	Part of Montreal River corridor. Proposed for natural area status by advisory group.
11	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	40.4	100	141-170	Montreal River corridor. Proposed for natural area status by advisory committee.
12	4112 - Maple, Beech, Cherry Association	Sawtimber Well	15.0	99	111-140	Road running through the center of the stand. Very poor quality timber. Wet areas will reduce acreage from treatment shape. Montreal corridor, proposed as natural area designation by advisory committee.
13	429 - Mixed Upland Conifers	Sawtimber Well	228.8	100	111-140	Possible type 2. Montreal River corridor. Proposed by advisory group for natural area status. Possible endangered or threatened plants. There are old logging roads within the stand. There are also proposed hiking trails.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
17	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	40.7	99	111-140	Also listed as rock outcrop Part of Montreal River corridor. Proposed for natural area status by advisory group. Probable threatened or endangered plants ERA. Basalt bedrock glade G3 S2 EO rank AB
20	429 - Mixed Upland Conifers	Sawtimber Well	266.8	99	111-140	Part of Montreal River Corridor Probable threatened or endangered plants. There are trails through this stand - old logging roads. There are proposed trails to the mouth of Montreal River from Fish Cove. Lake superior shore is very scenic. There are old commercial fish sites on fish cove.
22	4110 - Sugar Maple Association	Sawtimber Well	6.0	99	141-170	Hardwood knob, does not seem to be a bedrock glade at all. Also listed as rock outcrop Part of Montreal River corridor. Proposed for natural area status by advisory committee. ERA basalt bedrock glade G3 S2 EO rank AB
23	429 - Mixed Upland Conifers	Poletimber Medium	13.1	99	1-50	Rhyolite outcrop. Significant geologic feature. Mich Nature Assoc holds non-development easement for this property (Cannot find any record of this in LOTS 2/2015). Should be included in proposed natural area. ERA basalt bedrock glade G3 S2 EO rank AB
24	4119 - Mixed Northern Hardwoods	Sawtimber Well	79.3	99	141-170	For being log sized timber, the quality is more towards a pulp stand. Acreage will be reduced due to topo and swamp. Possible HAL issue.
25	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Well	92.2	99	81-110	Lake Superior shore. Lots of rocks and blowdown. Cobble / gravel beach. Area was probably never cut. Consider including in proposed natural area. Beach is ERA, basalt bedrock lakeshore G3 S2 EO rank B
26	42360 - Upland Cedar	Poletimber Well	163.9	55	51-80	Stunted cedar, swamp. Looks to grade to stunted black spruce to the east. 'minimum impact' zone. Part of a 'rich conifer swamp and fen complex' that extends to the east. Consider for natural area designation.
27	612 - Lowland Coniferous Forest	Sapling Medium	69.2	60	1-50	'minimum impact' zone. Part of rich conifer swamp and fen complex that extends to the east. Campsite at the mouth of Hoar creek. Consider for natural area listing.
28	42390 - Mixed Non- Pine Upland Conifers	Sawtimber Well	11.6	99	111-140	Cedar stand ringing Hoar Lake.
32	6120 - Lowland Cedar	Sawtimber Well	41.9	99	111-140	Cedar stand ringing Hoar Lake. Proposed 'minimum impact' zone. Proposed campsites along Hoar lake.
33	6120 - Lowland Cedar	Sawtimber Poor	34.8	99	Unspecified	Montreal River corridor. Proposed for natural area status by Advisory Group.

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Baraga Mgt. Unit

Report 8 – Forested Stands

Compartment: 82
Year of Entry: 2017

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
34	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	122.6	99	111-140	Top of ridge, no access. About 20-30 feet sheer cliff around the stand. Type 2 old growth.
38	4110 - Sugar Maple Association	Sawtimber Well	8.2	99	111-140	Block with rest of the quarter section for type 2 old growth.
39	6120 - Lowland Cedar	Poletimber Well	3.6	90	81-110	Cedar swamp, combine with rest of quarter section for type 2 old growth.
40	4112 - Maple, Beech, Cherry Association	Sawtimber Well	5.9	99	81-110	Poor access (pvt), no road, poor stocking and poor quality timber. Fringes are wet ground.
41	4119 - Mixed Northern Hardwoods	Sawtimber Well	7.5	99	81-110	BA 80-120. Has been thinned before.
42	4119 - Mixed Northern Hardwoods	Sawtimber Well	5.8	99	81-110	BA 80-120. Has been thinned before.
43	6120 - Lowland Cedar	Sawtimber Well	6.9	99	111-140	Proposed minimum impact zone.
45	6117 - Lowland Deciduous, Mixed Coniferous	Sawtimber Well	123.5	99	81-110	Part of Montreal River corridor. Proposed for natural area status by advisory group. Type 2 old growth. No access, over a cliff to reach the stand.



Stand	Cover Type	Acres	Managed Site	General Comments:
7	510- Water (OI)	9.8	No	Copper Lake. Proposed for natural area status by advisory group.
14	622 - Lowland Shrub	13.4	No	Beaver flooded and killed timber. OPIC - FMD: Beaver flooding. Part of Montreal River corridor. Proposed for natural area status by advisory group.
16	6299 - Lowland Shrub (OI)	12.2	No	Beaver flooding. Montreal River goes through stand Part of Montreal River corridor. Proposed for natural area status by advisory group.
18	510- Water (OI)	1.0	No	Include with Montreal River corridor.
19	622 - Lowland Shrub	8.8	No	Part of Montreal River corridor. Proposed for natural area status by advisory group
21	510- Water (OI)	4.0	No	Part of Montreal River corridor.
29	510- Water (OI)	69.5	No	Hoar Lake.
30	62259 - Bog (OI)	2.7	No	Holly "bog" with Stunted cedar Proposed minimum impact zone.
31	62259 - Bog (OI)	8.0	No	Proposed minimum impact zone.
35	6299 - Lowland Shrub (OI)	3.7	No	Beaver flooding.