



Compartment Review Presentation

Baraga Forest Management Unit

Compartment 11030

Entry Year 2019

Acreage: 1,249

County Baraga

Management Area: Covington-Ned Lake

Revision Date: 2017-05-17

Stand Examiner: Jason Mittlestat

Legal Description:

Covington Township T47N, R33W, Sections 27 and 34.
Spurr Township T47N, R33W, Sections 17, 20, and 29

Identified Planning Goals:

To maintain a healthy sustainable forest with special consideration to wildlife and fisheries habitat.

Soil and topography:

Topography is mostly level, with some ridges in the north. Soils are Champion cobby silt loam, Champion – Net complex, Witbeck – Tacoosh complex, Carbondale muck and Tacoosh mucks.

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

Most of the surrounding land use is timber management. State land borders the compartment west. Several small parcels of private ownership border the compartment to the south where some of the owners have harvested timber from their parcels, but the majority of the private owners use their land for recreational purposes. The land to the north and east is owned by a land management company with primary goals of timber management.

Unique Natural Features:

MNFI indicates the Potential for eagle, osprey, great blue heron rookery, moose, gray wolf and the potential for loon in Ned Lake.

Archeological, Historical, and Cultural Features:

None.

Special Management Designations or Considerations:

BMP guidelines should be followed around the intermittent streams and Net River watercourses.

Watershed and Fisheries Considerations:

The streams in this compartment are warm water streams. Ned Lake is a large cold water lake.

Wildlife Habitat Considerations:

This compartment is in the core moose-range. Forest management that maintains shade trees and provides regenerating hardwood and aspen for moose forage are important.

Mineral Resource and Development Concerns and/or Restrictions

Compartment 30: Sections 27 & 34, T47N R33W and sections 17 & 29, T47N R32W, Baraga County
There are no sand/gravel pits in the area, but there may be some potential. Bedrock is at or near the surface in places and much of the area is covered by wetlands. Development potential is probably low. There has been some metallic mineral (iron and gold) exploration in the area but no production reported. Abandoned iron mines are located several miles away. There is no history of leasing in this area. There is no known potential for economic oil and gas production in the UP.

Vehicle Access:

Access is a major concern. There is limited ORV access to the northwest corner of the compartment. An old road accesses the east side of the compartment but is in need of a bridge approximately one mile east of the compartment and is very grown in. Any timber management in this compartment will probably need to be in the winter.

Survey Needs:

Survey corners will be needed for the north and east sides of sections 27 and 34 as well as some work around the private parcel in section 34.

Recreational Facilities and Opportunities:

Young aspen stand in the northwest provide for some excellent Ruffed Grouse hunting opportunities. There is some

evidence of deer hunting taking place in accessible areas of this compartment. Also, opportunities for viewing moose exist in this area.

Fire Protection:

This area has minimal fire danger due to the wet nature of the compartment, this wet nature however, also increases the difficulty of access for suppression if there is a fire start.

Additional Compartment Information:

The following reports from the Inventory are attached:

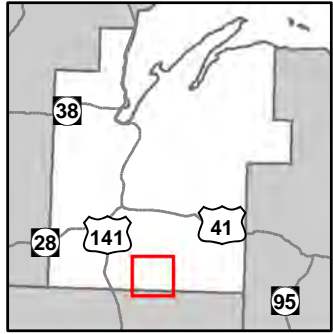
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

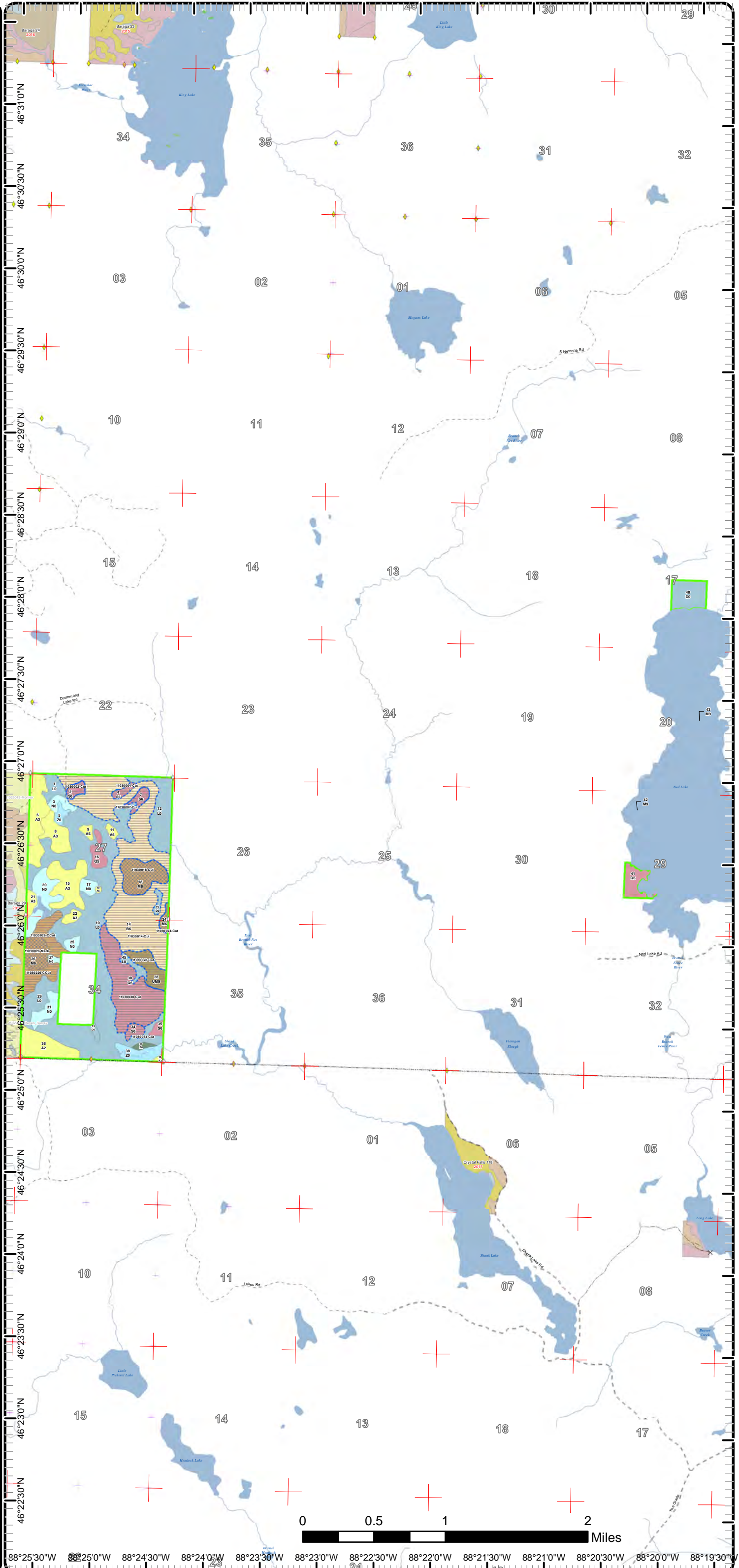
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 30
 T47N, R33W, Sec: 17, 20, 27, 29, 34
 County: Baraga
 Unit: Baraga
 Mgmt Area: Covington-Ned Lake
 YOE: 2019
 Acres: 1249.2 GIS Calculated
 Examiner: Jason Mittlestat
 Map Revised: 9/12/2017
 Map Phase: Post Review



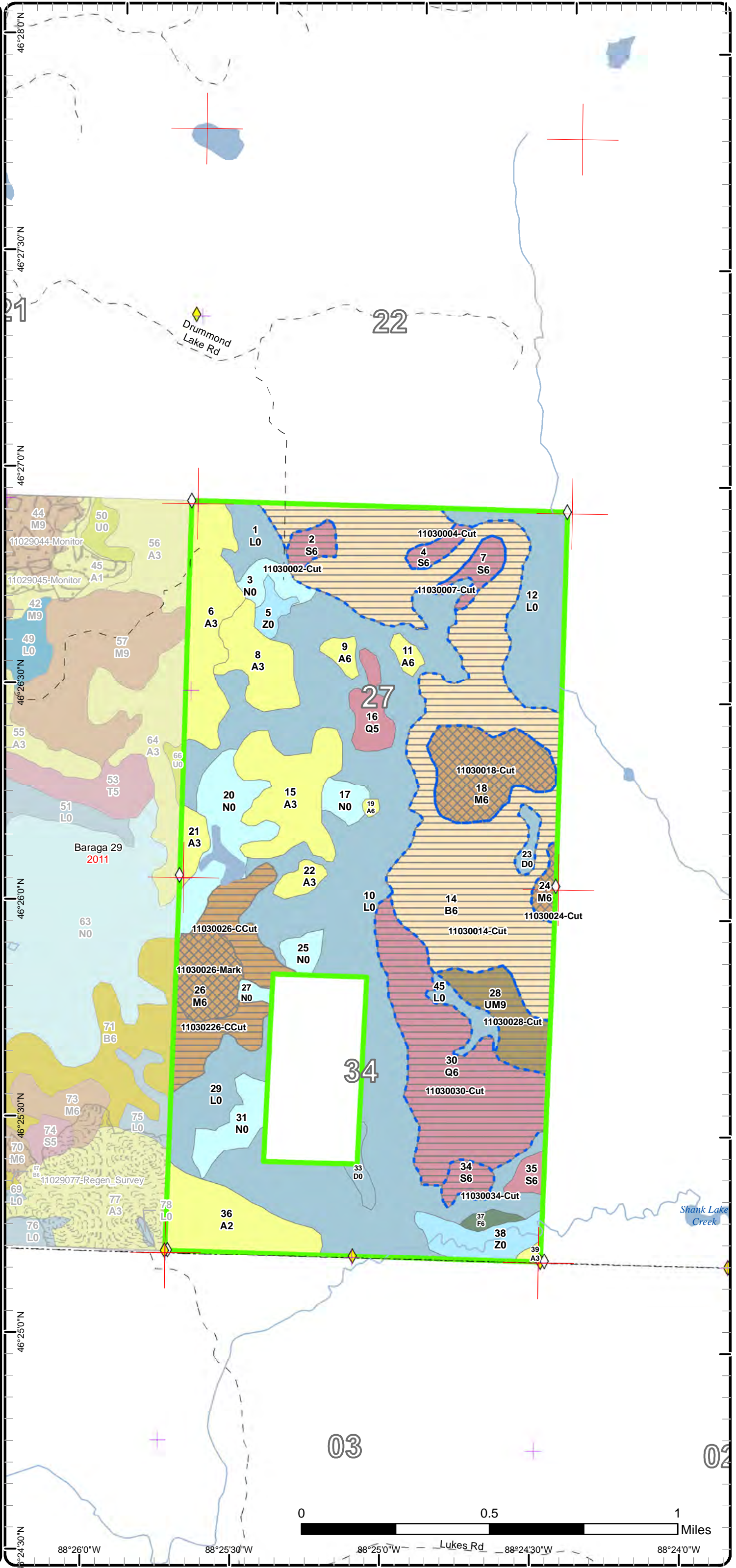
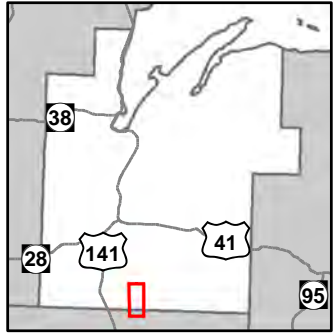
- Miris Corners
- + Remonumented Section Corners
- ◆ Survey Grade GPS Corners
- ◇ Field Grade GPS Corners
- - - Counties
- - - Gravel Roads
- - - Poor Dirt Roads
- Streams
- Lakes and Rivers All
- Compartment Boundary
- Treatments with Site Conditions
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- 411 - Northern Hardwood
- 413 - Aspen
- 414 - Other Upland Deciduous
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- Lakes



88°25'30"W 88°25'0"W 88°24'30"W 88°24'0"W 88°23'30"W 88°23'0"W 88°22'30"W 88°22'0"W 88°21'30"W 88°21'0"W 88°20'30"W 88°20'0"W 88°19'30"W

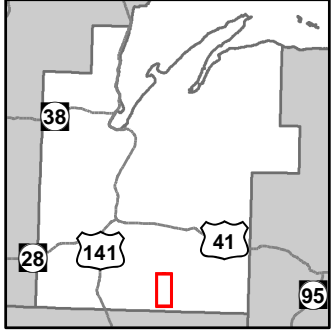
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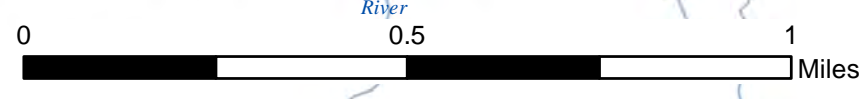
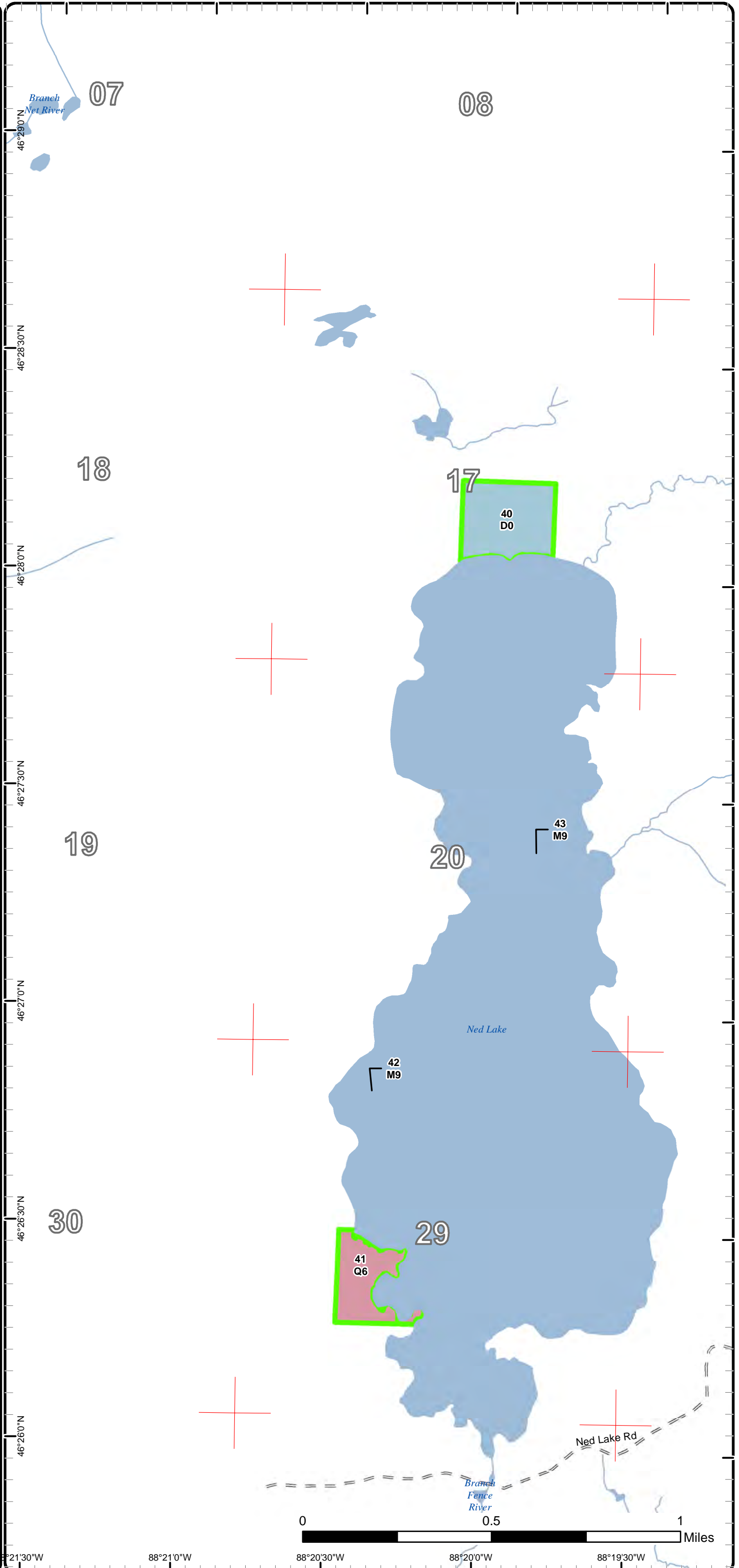


- Miris Corners
- Remonumented Section Corners
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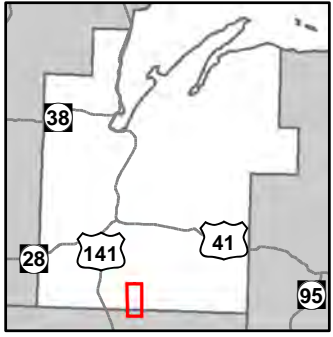
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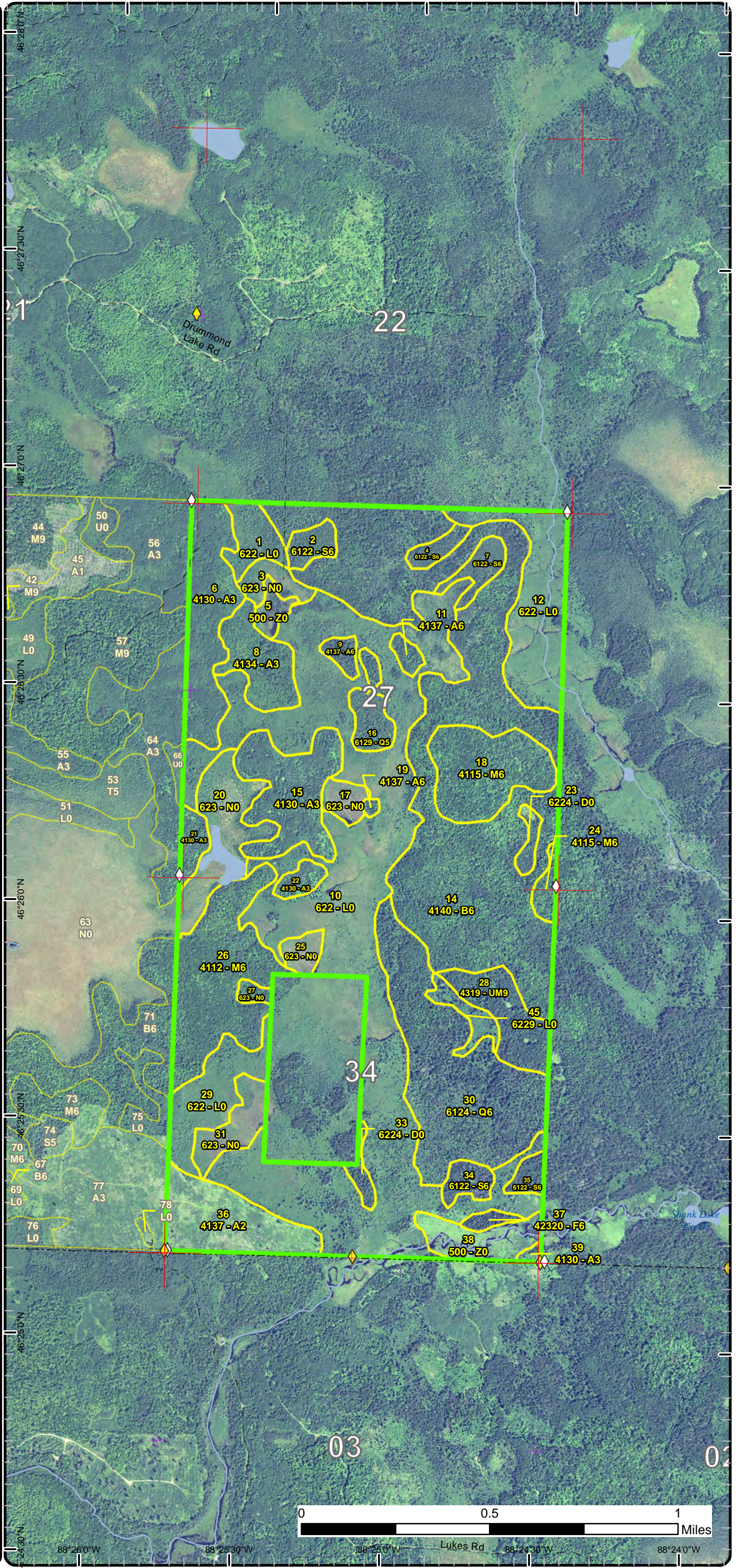
88°21'30"W 88°21'0"W 88°20'30"W 88°20'0"W 88°19'30"W

Stand Boundary Map

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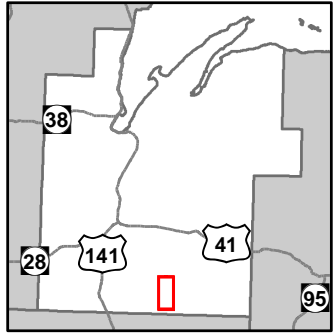


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Stand Boundary
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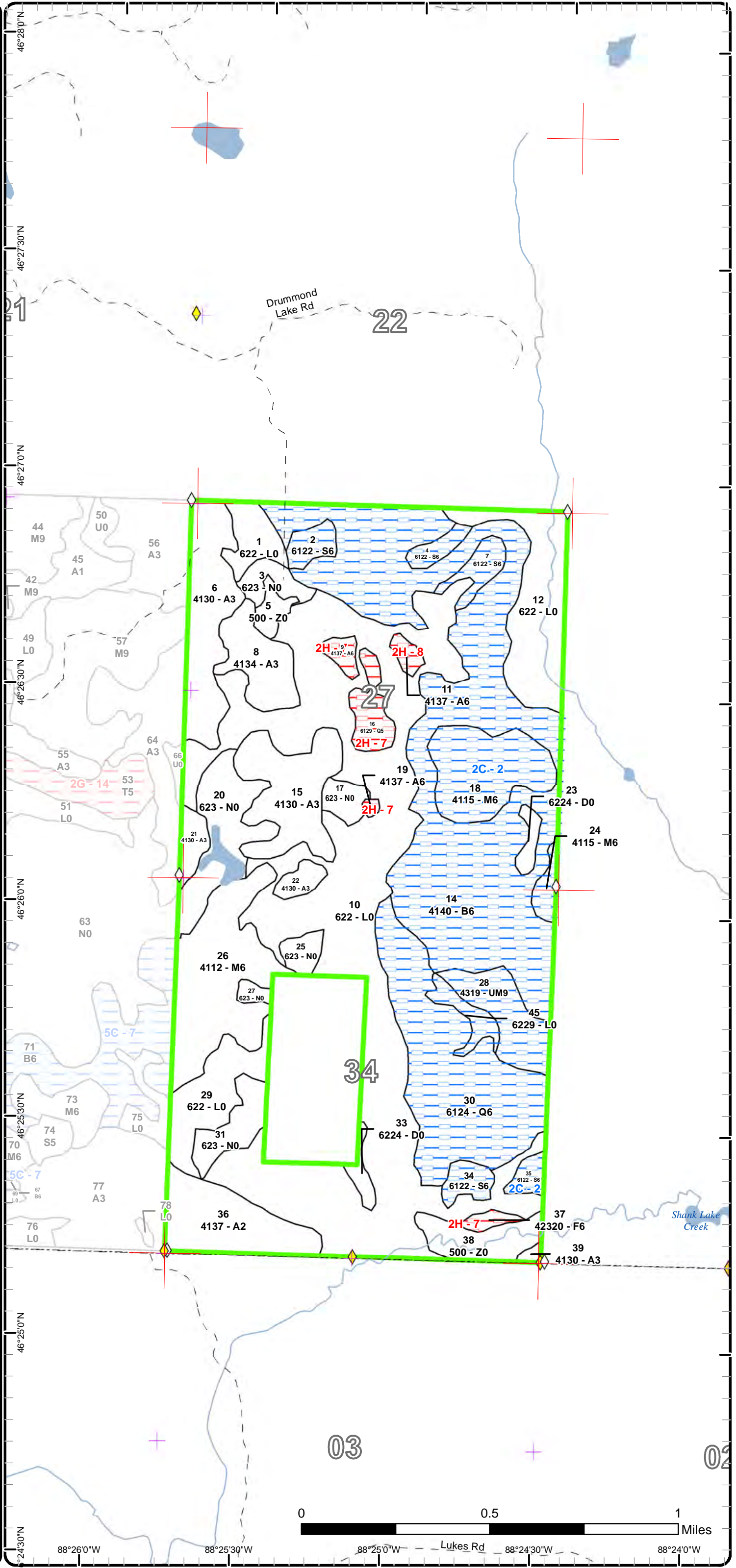
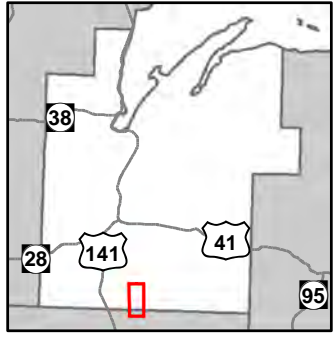


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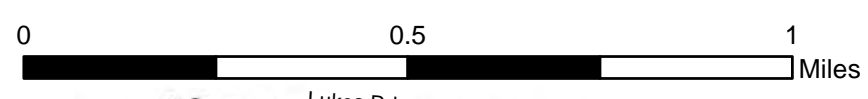


Special Conservation Areas & Site Conditions Map

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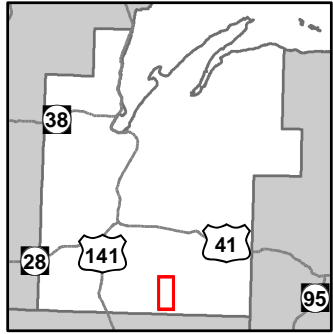
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- ◇ Field Grade GPS Corners
- - - Counties
- - - Poor Dirt Roads
- Streams
- Lakes and Rivers All
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- Stand Boundaries
- Cold Water Streams
- Cold Water Lakes



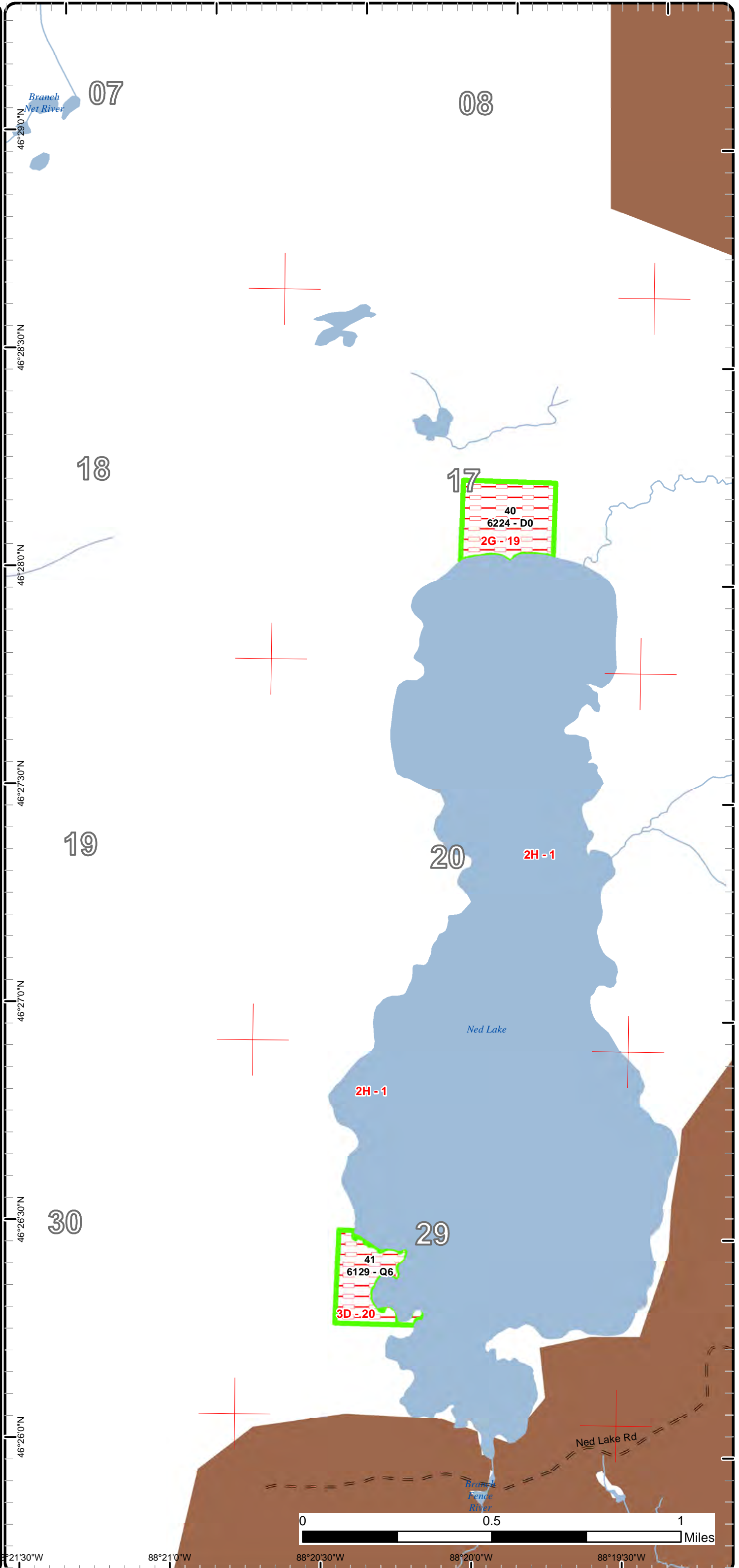
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 88°26'0"W 88°25'30"W 88°25'0"W Lukes Rd 88°24'30"W 88°24'0"W

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- Streams
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- Compartment Boundary
- + Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3D: Recreational / Scenic values
- Stand Boundaries
- Cold Water Streams
- Cold Water Lakes
- Deer Winter Range



Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	38	2	121	0	0	0	0	0	0	0	0	9	0	0	0	0	0	170
Lowland Conifers	0	0	0	0	0	0	0	22	0	0	97	0	12	0	0	0	0	0	131
Lowland Shrub	398	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	398
Lowland Spruce/Fir	0	0	0	0	0	13	0	0	15	0	0	0	0	0	7	0	0	0	35
Marsh	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	110	110
Paper Birch	0	0	0	0	0	239	0	0	0	0	0	0	0	0	0	0	0	0	239
Treed Bog	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40
Upland Mixed Forest	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0	0	0	24
Upland Spruce/Fir	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
Water	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24
Total	536	38	2	121	0	0	256	0	22	40	0	97	0	21	0	7	0	110	1249



Report 2 – Treatment Summary

Baraga Mgt. Unit

Year of Entry: 2019

Acres of Harvest

Compartment 30

Total Compartment Acres: 1,249

Commercial Harvest - 64
 Harvests with Site Condition - 436
 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
Lowland Conifers	97	0	0	0	0	0	0	0	0	97
Lowland Spruce/Fir	30	0	0	0	0	0	0	0	0	30
Northern Hardwood	41	69	0	0	0	0	0	0	0	110
Paper Birch	239	0	0	0	0	0	0	0	0	239
Upland Mixed Forest	25	0	0	0	0	0	0	0	0	25
Total	431	69	0	0	0	0	0	0	0	500

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	500	0	0	0	0	0	0	0	0	500
Next Step	0	0	0	0	0	500	0	0	0	500
Total	500	0	0	0	0	500	0	0	0	1000



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
2	11030002-Cut	7.4	6122 - Black Spruce	Poletimber Well	142	51-80	Harvest	Clearcut with Retention	612 - Lowland Coniferous Forest	Even-Aged	Draft Field Boundary

Habitat Cut: No **Site Condition: Engineered Bridge Needed**Prescription harvest all species except White Pine, Cedar, Hemlock, and Oak (If these species are present in stand)Specs:Next Step Monitoring, Natural Regen (Re-Inventory)Treatments:Acceptable Any mix of the over story species.Regen:OtherComment:Proposed Start Date: 10/01/2018

4	11030004-Cut	5.8	6122 - Black Spruce	Poletimber Well	88	81-110	Harvest	Clearcut with Retention	612 - Lowland Coniferous Forest	Even-Aged	Draft Field Boundary
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Habitat Cut: No **Site Condition: Engineered Bridge Needed**Prescription Harvest all species except White Pine, Cedar, Hemlock, and Oak (If these species are present in stand).Specs:Next Step Monitoring, Natural Regen (Re-Inventory)Treatments:Acceptable Any mix of the over story species.Regen:OtherComment:Proposed Start Date: 10/01/2018

7	11030007-Cut	8.8	6122 - Black Spruce	Poletimber Well	88	81-110	Harvest	Clearcut with Retention	612 - Lowland Coniferous Forest	Even-Aged	Draft Field Boundary
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14	11030014-Cut	238.8	4140 - Other Upland Deciduous	Poletimber Well	59	111- 140	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Even-Aged	Draft Field Boundary
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Habitat Cut: No **Site Condition: Engineered Bridge Needed**Prescription harvest all species except White Pine, Cedar, Hemlock, and Oak (If these species are present in stand)Specs:Next Step Monitoring, Natural Regen (Re-Inventory)Treatments:Acceptable Any mix of the over story speciesRegen:OtherComment:Proposed Start Date: 10/01/2018



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
18	11030018-Cut	40.3	4115 - Y.Birch, Hemlock NH	Poletimber Well	83	141-170	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	Draft Field Boundary

Habitat Cut: No **Site Condition: Engineered Bridge Needed**

Prescription Select harvest hardwoods Favor Yellow birch when marking down to 50-70 sqft. Also favor White Pine, Cedar, Hemlock, and Oak (If these species are present in stand)

Next Step Monitoring, Natural Regen (Re-Inventory)
Treatments:

Acceptable Any mix of the over story species.
Regen:

Other
Comment:

Proposed Start Date: 10/01/2018

24	11030024-Cut	5.6	4115 - Y.Birch, Hemlock NH	Poletimber Well	83	141-170	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	Draft Field Boundary
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Habitat Cut: No **Site Condition: Engineered Bridge Needed**

Prescription Select harvest hardwoods Favor Yellow birch when marking down to 50-70 sqft. Also favor White Pine, Cedar, Hemlock, and Oak (If these species are present in stand)

Next Step Monitoring, Natural Regen (Re-Inventory)
Treatments:

Acceptable Ant mic of the overs story species.
Regen:

Other
Comment:

Proposed Start Date: 10/01/2018

26	11030026-CCut	21.4	4112 - Maple, Beech, Cherry Association	Poletimber Well	77	81-110	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Even-Aged	Draft Field Boundary
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Habitat Cut: No **Site Condition:**

Prescription Harvest all species down to 4.6 inches DBH except hemlock, cedar and white pine. Also, reserve red oak if present. All yellow birch 20" DBH and greater shall be retained.

Next Step Monitoring, Natural Regen (Intermediate)
Treatments:

Acceptable Any combination of current over story species.
Regen:

Other The treatment shape will vary with the adjacent thinning.
Comment:

Proposed Start Date: 10/01/2020

26	11030026-Mark	22.9	4112 - Maple, Beech, Cherry Association	Poletimber Well	77	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	Draft Field Boundary
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Habitat Cut: No **Site Condition:**

Prescription Selectively thin hardwoods to 70-90 square feet of basal area. 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 less than 100 sqft of BA. Follow all guidelines set forth in "The Complete Marker".

Next Step Monitoring, Natural Regen (Re-Inventory)
Treatments:

Acceptable Any combination of current over story species.
Regen:

Other The treatment shape will vary with the adjacent final harvest treatment.
Comment:

Proposed Start Date: 10/01/2020



Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
28	11030028-Cut	24.5	4319 - Mixed Upland Forest	Sawtimber Well	88	111-140	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	Draft Field Boundary

Habitat Cut: No **Site Condition:** Engineered Bridge Needed

Prescription harvest all species except White Pine, Cedar, Hemlock, and Oak (If these species are present in stand)

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any Mix of the over story species.

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018

30	11030030-Cut	97.4	6124 - Lowland Spruce-Fir	Poletimber Well	100	111-140	Harvest	Clearcut with Retention	612 - Lowland Coniferous Forest	Even-Aged	Draft Field Boundary
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Habitat Cut: No **Site Condition:** Engineered Bridge Needed

Prescription Harvest all species except White Pine, Cedar, Hemlock, and Oak (If these species are present in stand)

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Ant mix of the over story species.

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018

34	11030034-Cut	7.5	6122 - Black Spruce	Poletimber Well	59	51-80	Harvest	Clearcut with Retention	612 - Lowland Coniferous Forest	Even-Aged	Draft Field Boundary
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Habitat Cut: No **Site Condition:** Engineered Bridge Needed

Prescription Harvest all species except White Pine, Cedar, Hemlock, and Oak (If these species are present in stand)

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any mix of the over story species.

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018

26	11030226-CCut	19.4	4112 - Maple, Beech, Cherry Association	Poletimber Well	77	81-110	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Even-Aged	Draft Field Boundary
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Habitat Cut: No **Site Condition:**

Prescription Harvest all species down to 4.6 inches DBH except hemlock, cedar and white pine. Also, reserve red oak if present. All yellow birch 20" DBH and greater shall be retained.

Specs:

Next Step Monitoring, Natural Regen (Intermediate)

Treatments:

Acceptable Any combination of current over story species.

Regen:

Other

Comment: The treatment shape will vary with the adjacent selection harvest.

Proposed Start Date: 10/01/2020

Total Treatment Acreage Proposed: 499.8

Report 4 – Site Conditions

Baraga Mgt. Unit

Jason Mittlestat : Examiner

Compartment: 30

Year of Entry: 2019

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions			
		With Condition	Not Available		2C	2G	2H	3D
170	161	0	9	Aspen			9	
131	0	97	34	Lowland Conifers	97		12	22
398	389	8	0	Lowland Shrub	8		0	
35	0	35	0	Lowland Spruce/Fir	35			
74	74	0	0	Marsh				
110	64	46	0	Northern Hardwood	46		0	
239	2	237	0	Paper Birch	237			
40	9	0	31	Treed Bog		31		
24	0	24	0	Upland Mixed Forest	24			
3	0	0	3	Upland Spruce/Fir			3	
24	24	0	0	Water				
1,249	724	447	78	Total Forested Acres	447	31	25	22
	58%	36%	6%	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)	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
2	Available	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	452	5F: Evaluated for Forest Health Considerations	2I: Survey needed	Unspecified	Unspecified
Comments: Engineered bridge on private land is needed before harvest can be done.							

Report 4 – Site Conditions

Baraga Mgt. Unit

Compartment: 30

Jason Mittlestat : Examiner

Year of Entry: 2019

7	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	21	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
19	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	31	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments:							
20	Unavailable	3D: Recreational / Scenic values	22	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: Ned Lake access proposed.							

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

* This is a list of SCA's for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to the Special Conservation Area Map for locations of the below listed Conservation Areas.

ERA = Ecological Reference Area
 HCVA = High Conservation Value Area
 SCA = Special Conservation Area

Conservation Area	Type	Description
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
SCA	Habitat Area	An area that provide some specific need for the life cycle of wildlife species, including State Wildlife Areas and Waterfowl Production Areas, deer wintering complexes in lowland conifer communities, grassland openings and savannas. Habitat areas are distinct from critical habitat designated for recovery of endangered or threatened species (such as Kirtland's warbler or piping plover areas) in that they are more general in nature, are not primarily associated with threatened or endangered species, and are not covered by species recovery plans that are developed in cooperation with Federal agencies.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
2	6122 - Black Spruce	Poletimber Well	7.4	142	51-80	
4	6122 - Black Spruce	Poletimber Well	5.8	88	81-110	
6	4130 - Aspen	Sapling Well	43.4	25	Unspecified	
7	6122 - Black Spruce	Poletimber Well	8.8	88	81-110	
8	4134 - Aspen, Spruce/Fir	Sapling Well	23.6	25	Unspecified	
9	4137 - Aspen, Birch	Poletimber Well	4.5	123	Unspecified	birch stand...no aspen despite cover type!
11	4137 - Aspen, Birch	Poletimber Well	3.7	123	Unspecified	Birch stand - no aspen despite cover type!
14	4140 - Other Upland Deciduous	Poletimber Well	238.8	59	111-140	Birch Stand
15	4130 - Aspen	Sapling Well	41.2	25	Unspecified	A3 in 2007
16	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	12.2	123	Unspecified	
18	4115 - Y.Birch, Hemlock NH	Poletimber Well	40.3	83	141-170	
19	4137 - Aspen, Birch	Poletimber Well	1.1	123	Unspecified	(last field visit 2007)
21	4130 - Aspen	Sapling Well	7.4	25	Unspecified	
22	4130 - Aspen	Sapling Well	5.6	25	Unspecified	
24	4115 - Y.Birch, Hemlock NH	Poletimber Well	5.6	83	141-170	
26	4112 - Maple, Beech, Cherry Association	Poletimber Well	63.7	77	81-110	
28	4319 - Mixed Upland Forest	Sawtimber Well	24.5	88	111-140	
30	6124 - Lowland Spruce-Fir	Poletimber Well	97.4	100	111-140	

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Baraga Mgt. Unit

Report 7 – Forested Stands

Compartment: 30
Year of Entry: 2019

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
34	6122 - Black Spruce	Poletimber Well	7.5	59	51-80	Field data from 3/2007
35	6122 - Black Spruce	Poletimber Well	5.2	59	81-110	
36	4137 - Aspen, Birch	Sapling Medium	38.2	5	Unspecified	Stand was cut in 2013
37	42320 - Upland Spruce	Poletimber Well	3.5	59	51-80	(last field check 2007)
39	4130 - Aspen	Sapling Well	1.5	13	Unspecified	
41	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	21.6	71	Unspecified	Field data from 3/2007
42	4112 - Maple, Beech, Cherry Association	Sawtimber Well	0.2	94	111-140	Never has been visited
43	4112 - Maple, Beech, Cherry Association	Sawtimber Well	0.3	94	111-140	Never has been visited.



Stand	Cover Type	Acres	Managed Site	General Comments:
1	622 - Lowland Shrub	13.4	No	
3	623 - Emergent Wetland	8.8	No	
5	500 - Water	5.7	No	
10	622 - Lowland Shrub	298.9	No	
12	622 - Lowland Shrub	48.2	No	
17	623 - Emergent Wetland	7.1	No	
20	623 - Emergent Wetland	34.2	No	
23	6224 - Treed Bog	4.4	No	
25	623 - Emergent Wetland	6.3	No	
27	623 - Emergent Wetland	2.8	No	
29	622 - Lowland Shrub	28.9	No	
31	623 - Emergent Wetland	15.2	No	
33	6224 - Treed Bog	4.4	No	
38	500 - Water	18.6	No	
40	6224 - Treed Bog	31.0	No	never has been visited
45	6229 - Mixed lowland shrub	8.1	No	