



Compartment Review Presentation

Baraga Forest Management Unit

Compartment 11026

Entry Year 2019

Acreage: 2,439

County Baraga

Management Area: Covington-Ned Lake

Revision Date: 2017-05-17

Stand Examiner: Fred Hansen

Legal Description:

Covington Township
T47N, R34W, Sections 1, 2, 4, 5
T48N, R34W, Sections 25, 26, 32-36

Identified Planning Goals:

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

Soil and topography:

This compartment is fairly rugged, with small rocky upland soils, some small hills and ridges. There is a fair amount of swamp. Soils: Upland soils are: Michigamme cobbly silt loam, Champion cobbly silt loam, Peshekee cobbly silt loam, Net silt loam, and rock. Lowland soils are: Carbondale Witbeck and Tacoosh mucks.

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

State land is fragmented, and is intermixed with industry lands and small private landowners. Most of the use is timber production related, but there are some hunting camps in the area.

Unique Natural Features:

MNFI indicates the potential for osprey, eagle, great blue heron rookery, red-shouldered hawk, goshawk, moose, gray wolf and the potential for wood turtle along drainages, for frigga fritillary and freija fritillary in open wetlands and bogs.

Archeological, Historical, and Cultural Features:

none

Special Management Designations or Considerations:

There are several stands that are nominated for SCA designation, some as Riparian Corridors and others that contain Old Growth characteristics.

Watershed and Fisheries Considerations:

The headwaters for the Net River are in this compartment.

Wildlife Habitat Considerations:

Favor mesic conifers; White Pine and Hemlock, as well Northern Red Oak. This compartment also provides habitat favorable for moose.

Mineral Resource and Development Concerns and/or Restrictions

Compartment 26: Sections 25-26 & 32-36, T48N-R34W and sections 1-2 & 4-5, T47N-R34W, Baraga County
The Ford Road Pit is located on the west end of the compartment, and Baraga CRC has much of the state land in sections 32 and 5 leased for further expansion of the pit. Another active pit is located on private land in Section 4. There is potential for additional sand & gravel within the compartment. There has been minimal metallic mineral exploration in this area and no production within many miles. However, state land just south of the compartment have been leased in the recent past, and Eagle Mine, LLC just nominated some of these same lands for leasing again. The compartment sits above a significant positive magnetic anomaly. There is good probability that some additional mineral exploration will be planned for this area in the not too distant future. There is no known potential for economic oil and gas production in the UP.

Vehicle Access:

There are a few poor timber access roads into the compartment. Several bridges might be needed for timber access for lands on the west side of the compartment.

Survey Needs:

Some survey work will be needed for timber harvest activities.

Recreational Facilities and Opportunities:

There is some small game and deer hunting use in this compartment. There is also some fishing on the Net River.

Fire Protection:

This area is subject to infrequent isolated lightning strike fires that are difficult to suppress due to difficult terrain.

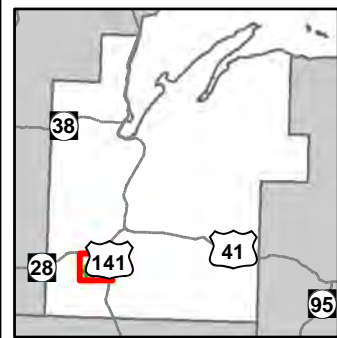
Additional Compartment Information:**The following reports from the Inventory are attached:**

- 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:

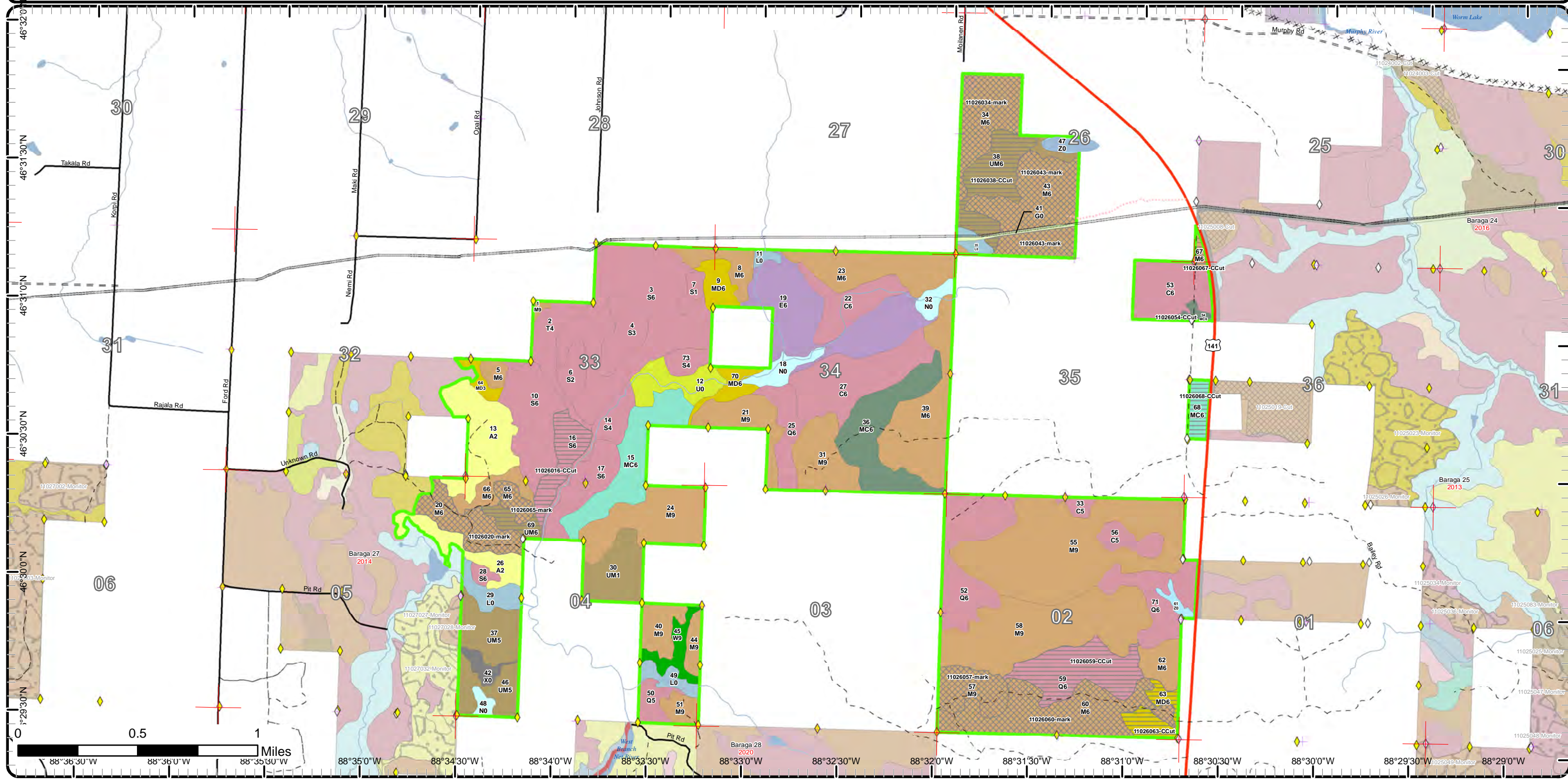
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map



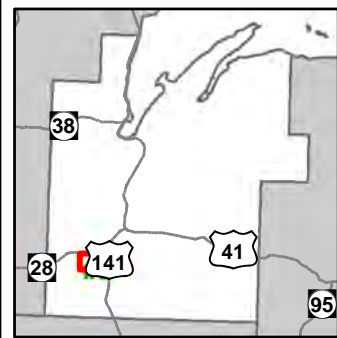
Compartment: 26
 T47N, R34W, Sec: 1, 2, 4, 5
 T48N, R34W, Sec: 25, 26, 32-36
 County: Baraga
 Unit: Baraga
 Mgmt Area: Covington-Ned Lake
 YOE: 2019
 Acres: 2398.8 GIS Calculated
 Examiner: Fred Hansen
 Map Revised: 9/12/2017
 Map Phase: Post Review

- Miris Corners
- + Remonumented Section Corners
- ◆ Survey Grade GPS Corners
- ◇ Field Grade GPS Corners
- Counties
- Highway
- Paved Roads
- Gravel Roads
- - Poor Dirt Roads
- - - Closed
- x Abandoned Railroads
- Streams
- Lakes and Rivers All
- Pipeline
- Compartment Boundary
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- Lakes

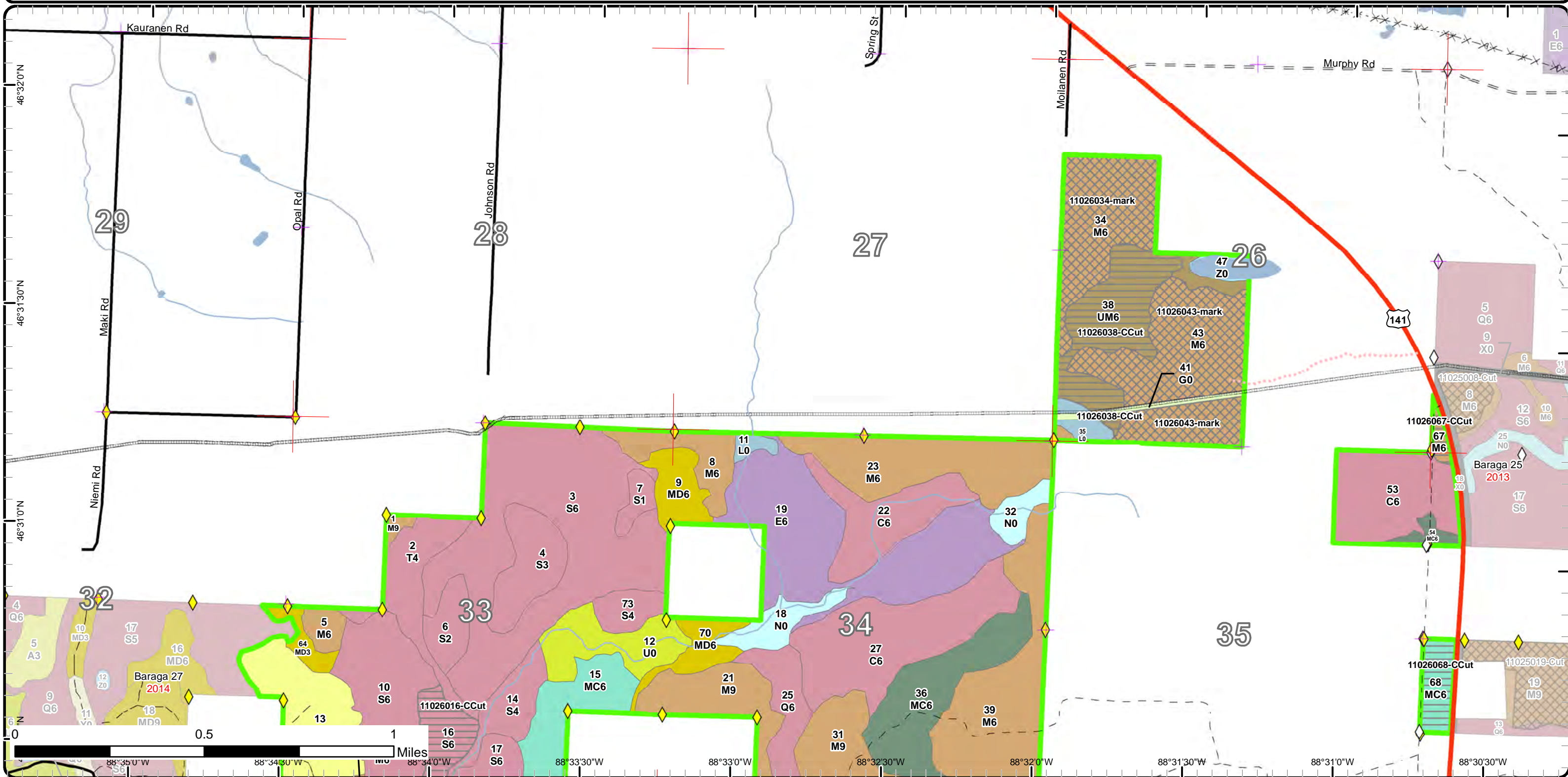


Cover Type & Treatments Map

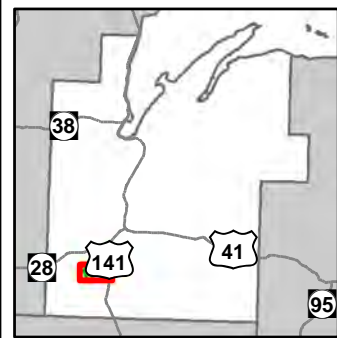
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- | | | |
|--------------------------------|-----------------------------------|--------------------------|
| — Miris Corners | ⊠ Selection (Group, Single Tree) | ▭ 623 - Emergent Wetland |
| ⊕ Remonumented Section Corners | ▭ Clearcut (w/Reserves) | ▭ Lakes |
| ◆ Survey Grade GPS Corners | ▭ 411 - Northern Hardwood | |
| ◇ Field Grade GPS Corners | ▭ 413 - Aspen | |
| ⊠ Counties | ▭ 419 - Mixed Upland Deciduous | |
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| — Paved Roads | ▭ 429 - Mixed Upland Conifers | |
| — Gravel Roads | ▭ 430 - Upland Mixed Forest | |
| — Poor Dirt Roads | ▭ 611 - Lowland Deciduous Forest | |
| ⋯ Closed | ▭ 612 - Lowland Coniferous Forest | |
| ⊗ Abandoned Railroads | ▭ 310 - Herbaceous Openland | |
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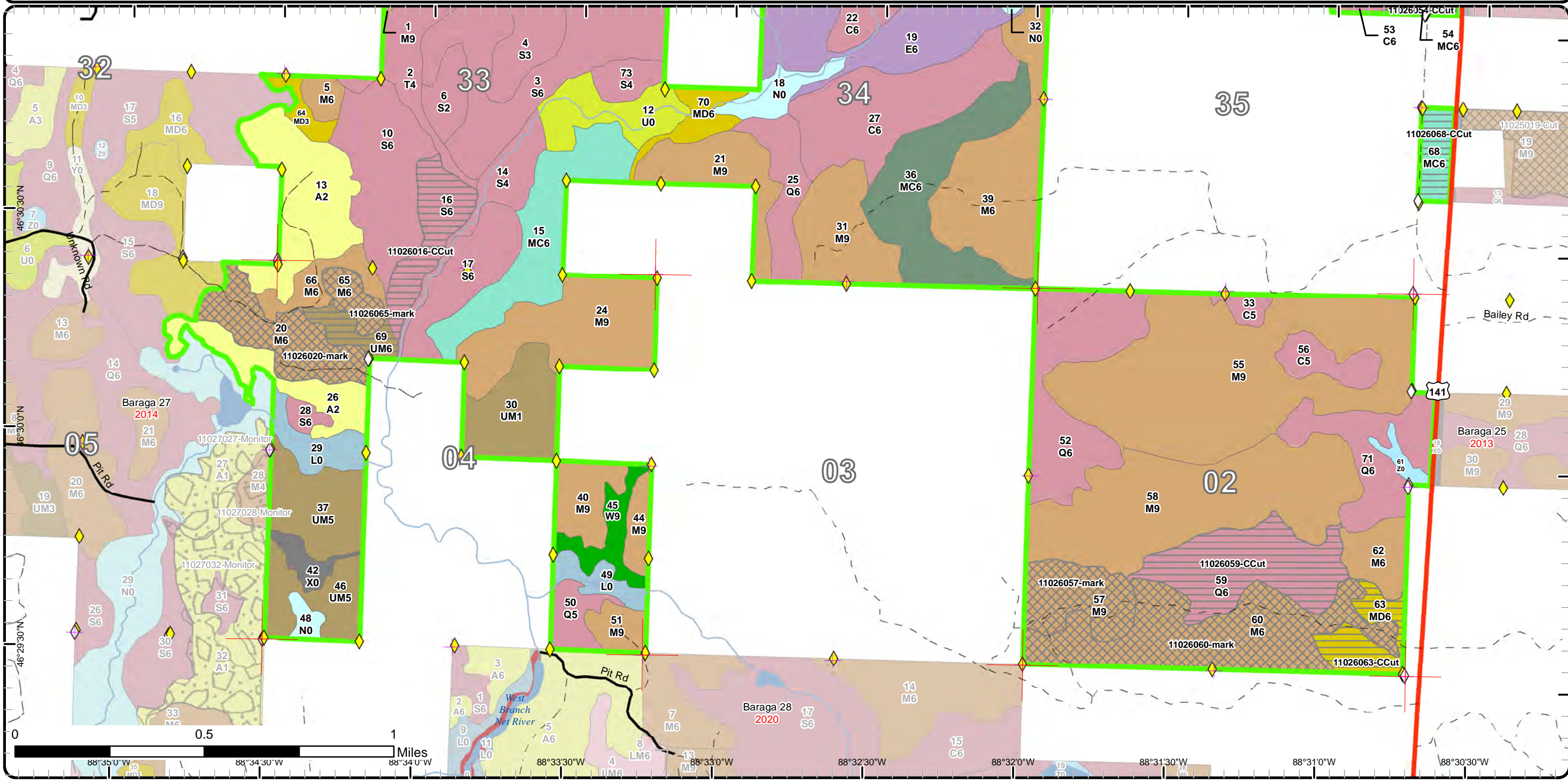


Cover Type & Treatments Map

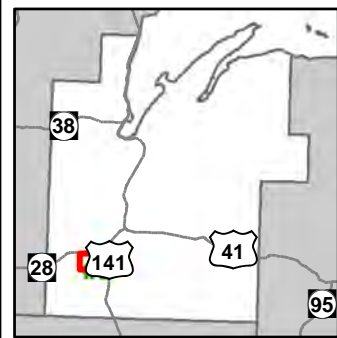


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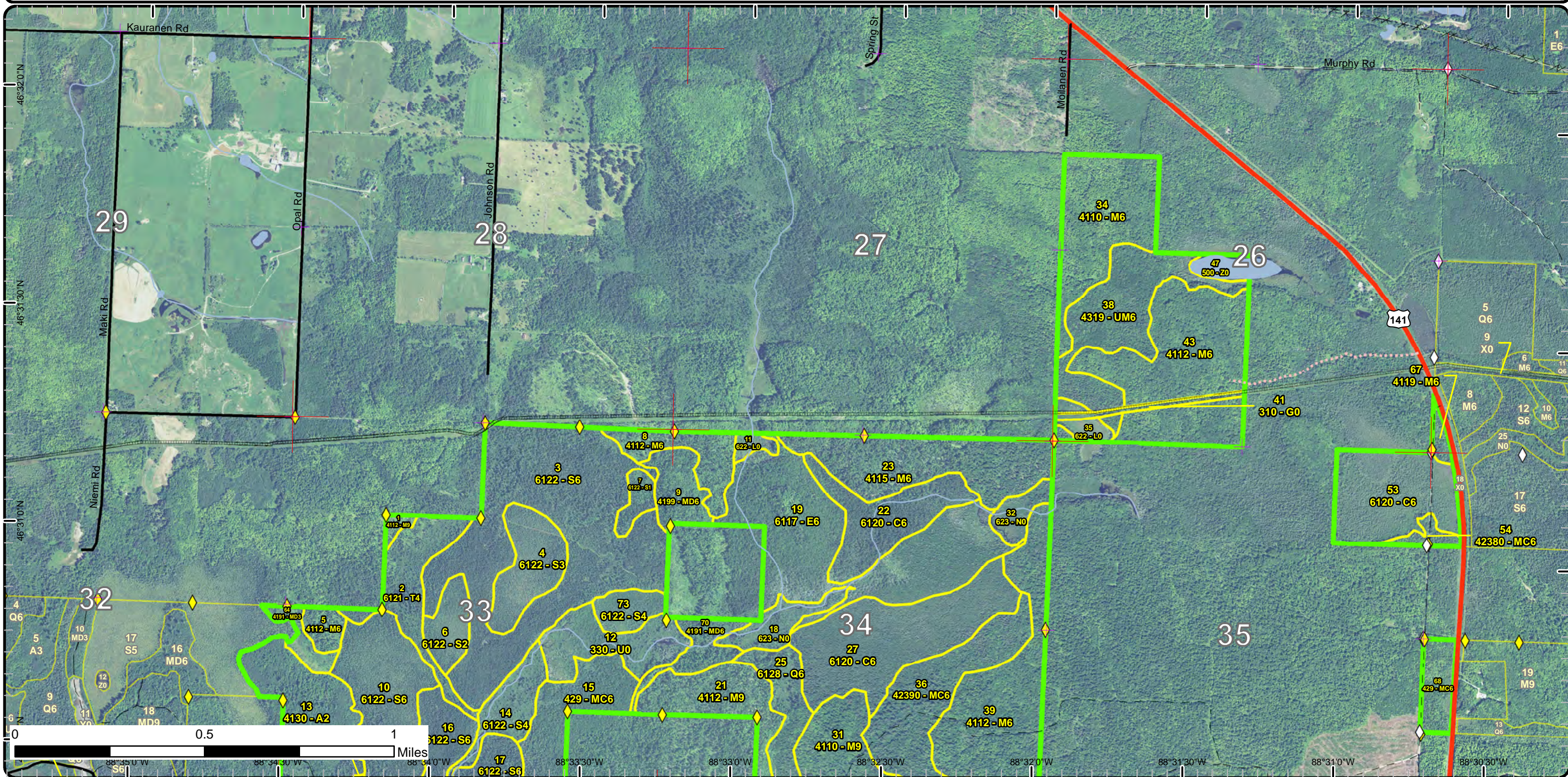


Stand Boundary Map



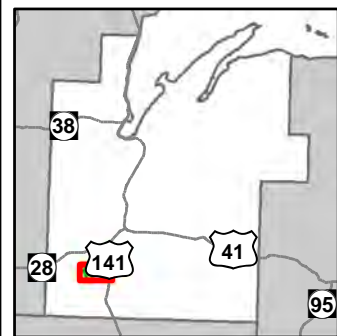
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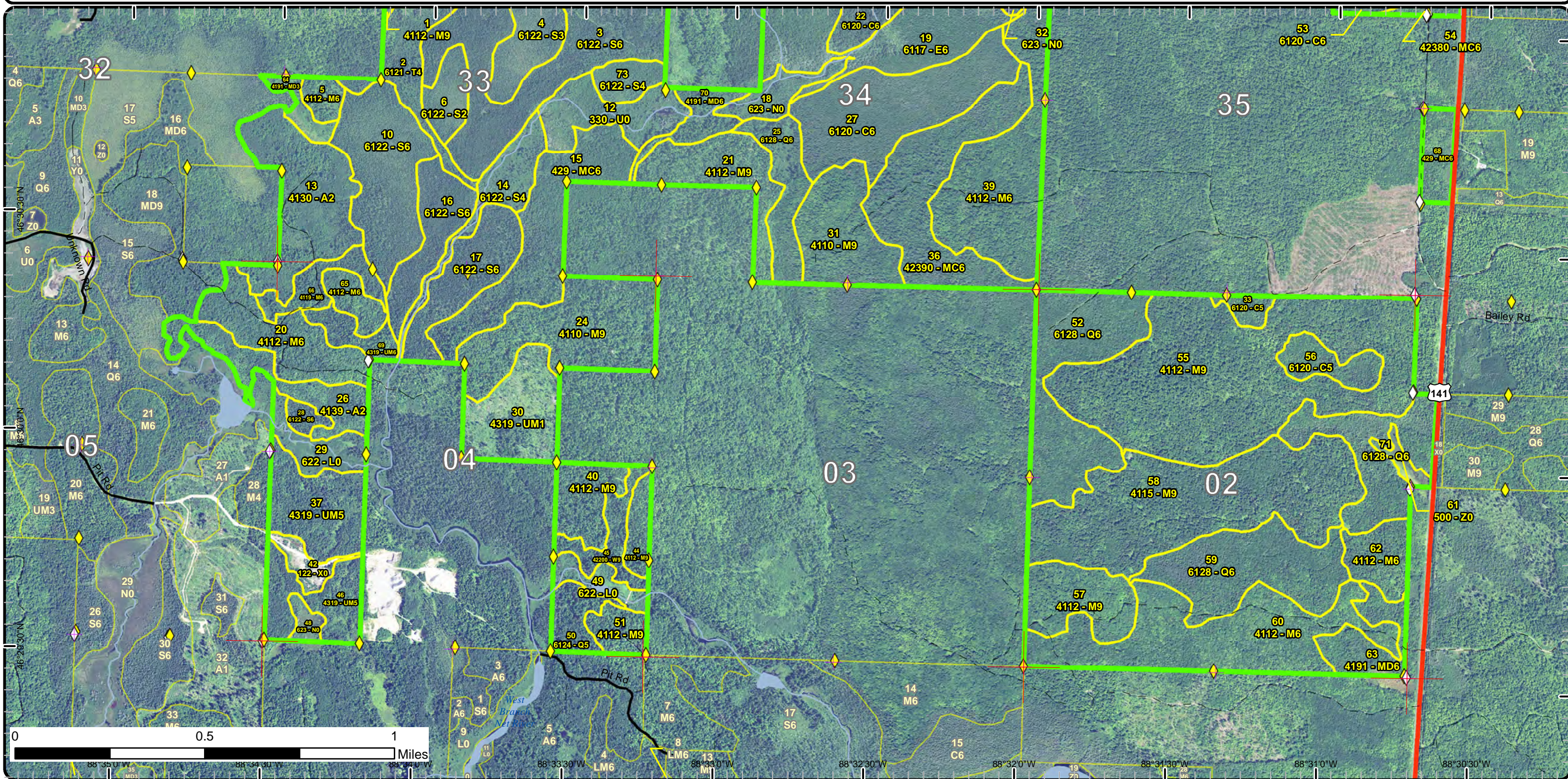


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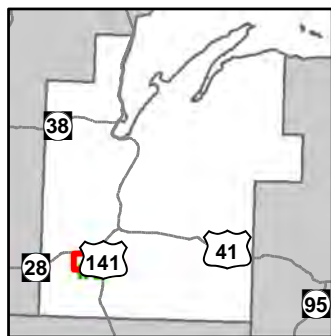


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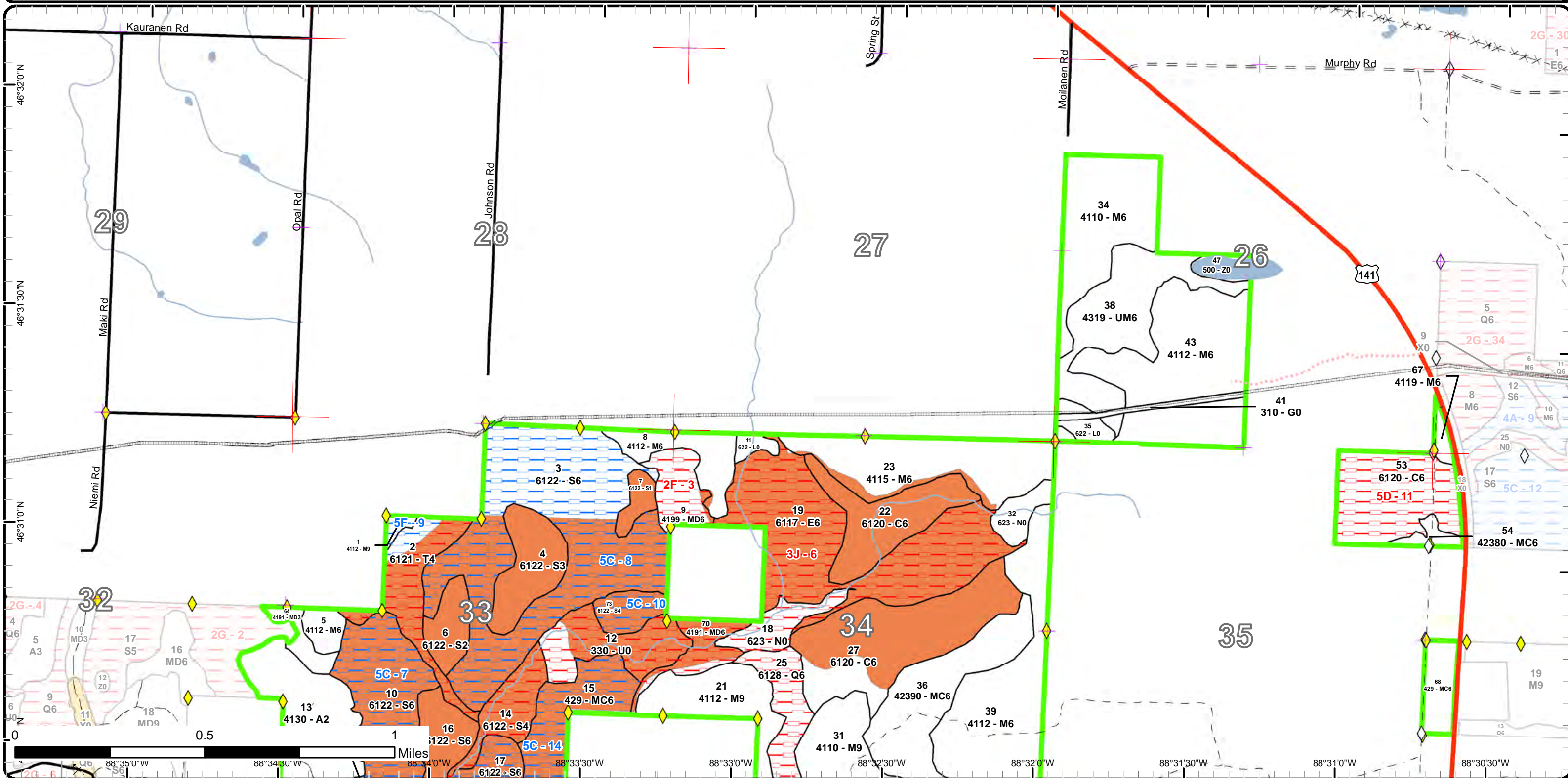


Special Conservation Areas & Site Conditions Map

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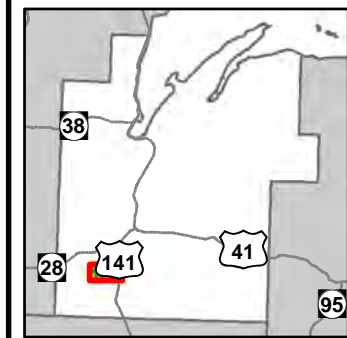


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- Streams
- Lakes and Rivers All
- Pipeline
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 2F: Too steep
- 3J: Water quality / BMPs (stream, river, or lake)
- 5D: Unproductive Forest Land
- Stand Boundaries
- Cold Water Streams
- Cold Water Lakes
- Sand or Gravel Pit
- Sand or Gravel Pit
- Other Habitat Area

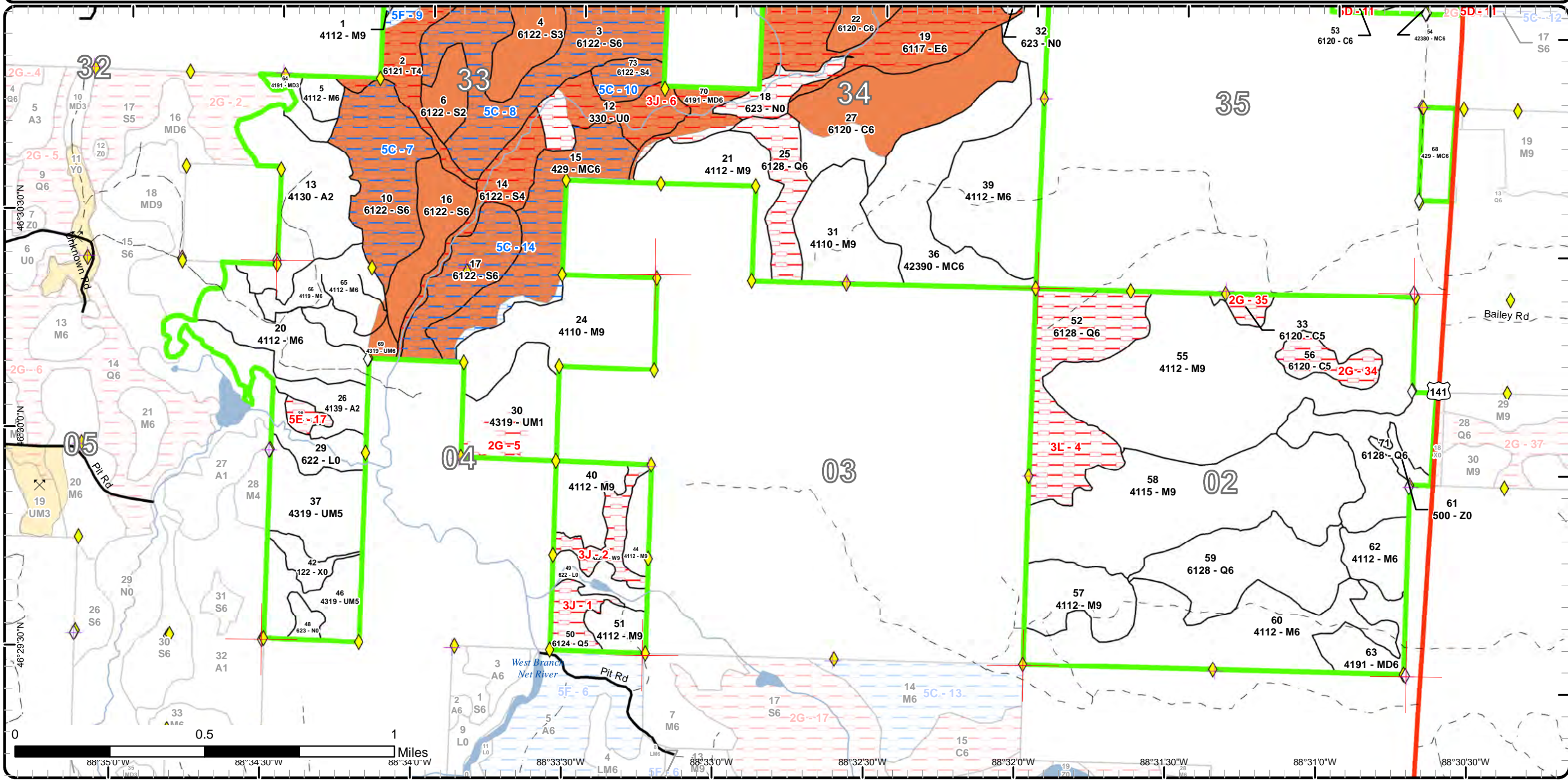


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- Streams
- Lakes and Rivers All
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 2G: Too wet (sensitive soils, does not include access issues)
- 3J: Water quality / BMPs (stream, river, or lake)
- 3L: Other wildlife concerns
- 5E: Long-Term Retention
- Stand Boundaries
- Cold Water Streams
- Cold Water Lakes
- Sand or Gravel Pit
- Sand or Gravel Pit
- Other Habitat Area



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	0	85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85
Cedar	0	0	0	0	0	0	0	0	0	36	0	45	0	0	0	0	0	91	172
Herbaceous Openland	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Low-Density Trees	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	203	203
Lowland Deciduous	0	0	0	0	0	0	0	0	0	0	0	0	113	0	0	0	0	0	112
Lowland Shrub	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36
Lowland Spruce/Fir	0	0	0	0	0	0	40	0	7	56	5	227	11	0	0	0	0	0	346
Marsh	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28
Mixed Upland Deciduous	0	7	0	0	0	0	0	40	0	0	0	0	14	0	0	0	0	20	81
Northern Hardwood	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	972	976
Tamarack	0	0	0	0	0	0	0	0	0	29	0	0	0	0	0	0	0	0	29
Upland Conifers	0	0	0	0	0	0	0	0	0	0	13	67	58	0	0	0	0	5	142
Upland Mixed Forest	0	37	0	0	62	0	0	0	0	0	0	0	0	0	0	0	0	61	160
Urban	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Water	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
White Pine	0	0	0	0	0	0	0	0	0	0	0	0	0	16	0	0	0	0	16
Total	118	44	85	0	62	0	40	40	11	121	18	339	196	16	0	0	0	1352	2440



Report 2 – Treatment Summary

Baraga Mgt. Unit

Year of Entry: 2019

Acres of Harvest

Compartment 26

Total Compartment Acres: 2,439

Commercial Harvest - 484
 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
Lowland Conifers	58	0	0	0	0	0	0	0	0	58
Lowland Spruce/Fir	39	0	0	0	0	0	0	0	0	39
Mixed Upland Deciduous	20	0	0	0	0	0	0	0	0	20
Northern Hardwood	4	300	0	0	0	0	0	0	0	303
Upland Conifers	18	0	0	0	0	0	0	0	0	18
Upland Mixed Forest	45	0	0	0	0	0	0	0	0	45
Total	184	300	0	0	0	0	0	0	0	484

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	484	0	0	0	0	0	0	0	0	484
Next Step	0	0	0	0	0	0	484	0	0	484
Total	484	0	0	0	0	0	484	0	0	968



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
16	11026016- CCut	38.5	6122 - Black Spruce	Poletimber Well	102	111- 140	Harvest	Clearcut with Retention	612 - Lowland Coniferous Forest	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Cut all trees greater than 4.6" at DBH that meets product standards. Reserve all white pine, red pine, hemlock, cedar also yellow birch >18" dbh
Specs: if present. Retention for this stand will be greater than 3% and will consist of reserve tree species.

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

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

Other
Comment:

Proposed Start Date: 10/01/2018

20	11026020- mark	37.8	4112 - Maple, Beech, Cherry Association	Poletimber Well	62	111- 140	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 sqft of BA. Favor oak, hemlock, white pine and cedar where present. Oak should be released on 3 sides to
Specs: 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". If areas heavy to oak, aspen, fir/spruce and/or dieback are found, seed tree harvest with a residual 10-30 sq ba of oak, reserving hemlock, cedar and pine.

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

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

Other
Comment:

Proposed Start Date: 10/01/2018

34	11026034- mark	51.4	4110 - Sugar Maple Association	Poletimber Well	92	111- 140	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 sqft of BA. Favor oak, hemlock, white pine and cedar where present. Oak should be released on 3 sides to
Specs: 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". If areas heavy to oak, aspen, fir/spruce and/or dieback are found, seed tree harvest with a residual 10-30 sq ba of oak, reserving hemlock, cedar and pine.

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

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

Other
Comment:

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
38	11026038-CCut	45.3	4319 - Mixed Upland Forest	Poletimber Well	90	111-140	Harvest	Clearcut with Retention	4190 - Mixed Upland Deciduous with Cedar	Two-Aged	Draft Field Boundary

Habitat Cut: No

Site Condition:

Prescription Cut all trees greater than 4.6" at DBH that meets product standards. Reserve all white pine, red pine, hemlock, cedar also yellow birch >18" dbh if present. Retention for this stand will be greater than 3% and will consist of reserve tree species.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

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

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018

43	11026043-mark	81.7	4112 - Maple, Beech, Cherry Association	Poletimber Well	111	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 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". If areas heavy to oak, aspen, fir/spruce and/or dieback are found, seed tree harvest with a residual 10-30 sq ba of oak, reserving hemlock, cedar and pine.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

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

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018

54	11026054-CCut	5.0	42380 - Non Pine Upland Conifer, Mixed Deciduous	Poletimber Well	111	81-110	Harvest	Clearcut with Retention	429 - Mixed Upland Conifers	Even-Aged	Draft Field Boundary
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Habitat Cut: No

Site Condition:

Prescription Cut all trees greater than 4.6" at DBH that meets product standards. Reserve all white pine, red pine, hemlock, cedar also yellow birch >18" dbh if present. Retention for this stand will be greater than 3% and will consist of reserve tree species.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

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

Regen:

Other

Comment:

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
57	11026057-mark	30.7	4112 - Maple, Beech, Cherry Association	Sawtimber Well	72	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	Draft Field Boundary

Habitat Cut: No

Site Condition:

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". If areas heavy to oak, aspen, fir/spruce and/or dieback are found, seed tree harvest with a residual 10-30 sq ba of oak, reserving hemlock, cedar and pine.

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

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

Other
Comment:

Proposed Start Date: 10/01/2019

59	11026059-CCut	58.2	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	89	111-140	Harvest	Clearcut with Retention	612 - Lowland Coniferous Forest	Two-Aged	Draft Field Boundary
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Habitat Cut: No

Site Condition:

Prescription Cut all trees greater than 4.6" at DBH that meets product standards. Reserve all white pine, red pine, hemlock, cedar, also yellow birch >18" dbh if present. Retention for this stand will be greater than 3% and will consist of reserve tree species.

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

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

Other
Comment:

Proposed Start Date: 10/01/2019

60	11026060-mark	87.6	4112 - Maple, Beech, Cherry Association	Poletimber Well	75	111-140	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 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". If areas heavy to oak, aspen, fir/spruce and/or dieback are found, seed tree harvest with a residual 10-30 sq ba of oak, reserving hemlock, cedar and pine.

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

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

Other
Comment:

Proposed Start Date: 10/01/2019



Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
63	11026063-CCut	20.1	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	72	111-140	Harvest	Clearcut with Retention	429 - Mixed Upland Conifers	Two-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Cut all trees greater than 4.6" at DBH that meets product standards. Reserve all white pine, red pine, hemlock, cedar also yellow birch >18" dbh if present. Retention for this stand will be greater than 3% and will consist of reserve tree species.

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

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

Other
Comment:

Proposed Start Date: 10/01/2019

65	11026065-mark	10.6	4112 - Maple, Beech, Cherry Association	Poletimber Well	62	111-140	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 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". If areas heavy to oak, aspen, fir/spruce and/or dieback are found, seed tree harvest with a residual 10-30 sq ba of oak, reserving hemlock, cedar and pine.

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

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

Other
Comment:

Proposed Start Date: 10/01/2018

67	11026067-CCut	3.6	4119 - Mixed Northern Hardwoods	Poletimber Well	78	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 Cut all trees greater than 4.6" at DBH that meets product standards. Reserve all white pine, red pine, hemlock, cedar also yellow birch >18" dbh if present. Retention for this stand will be greater than 3% and will consist of reserve tree species.

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

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

Other
Comment:

Proposed Start Date: 10/01/2018

68	11026068-CCut	13.3	429 - Mixed Upland Conifers	Poletimber Well	98	111-140	Harvest	Clearcut with Retention	429 - Mixed Upland Conifers	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Cut all trees greater than 4.6" at DBH that meets product standards. Reserve all white pine, red pine, hemlock, cedar also yellow birch >18" dbh if present. Retention for this stand will be greater than 3% and will consist of reserve tree species.

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

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

Other
Comment:

Proposed Start Date: 10/01/2018



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
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Total Treatment Acreage Proposed: 483.8

Report 4 – Site Conditions

Baraga Mgt. Unit
Fred Hansen : Examiner

Compartment: 26
Year of Entry: 2019

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions								
		With Condition	Not Available		5C	5F	2F	2G	3J	3L	5D	5E	
85	85	0	0	Aspen									
171	106	0	66	Cedar				20				45	
5	5	0	0	Herbaceous Openland									
30	0	0	30	Low-Density Trees						30			
203	101	0	103	Lowland Conifers					38	65			
112	0	0	112	Lowland Deciduous					112				
36	36	0	0	Lowland Shrub									
344	74	244	27	Lowland Spruce/Fir	244				22				5
28	14	0	14	Marsh					14				
82	28	0	54	Mixed Upland Deciduous			40		14				
976	973	2	0	Northern Hardwood		2		0					
29	0	5	25	Tamarack		5			25				
143	85	58	0	Upland Conifers	58								
160	153	0	7	Upland Mixed Forest				7					
8	8	0	0	Urban									
11	11	0	0	Water									
16	0	0	16	White Pine					16				
2,439	1,678	309	452	Total Forested Acres	302	7	40	28	269	65	45	5	
	69%	13%	19%	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	3J: Water quality / BMPs (stream, river, or lake)	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
2	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Baraga Mgt. Unit
Fred Hansen : Examiner

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3	Unavailable	2F: Too steep	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	3L: Other wildlife concerns	65	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	226	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
7	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	56	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	143	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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Fred Hansen : Examiner

Compartment: 26
Year of Entry: 2019

9	Available	5F: Evaluated for Forest Health Considerations	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	5D: Unproductive Forest Land	45	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
14	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	91	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Unavailable	5E: Long-Term Retention	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
34	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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Fred Hansen : Examiner

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35	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

Conservation Area	Type	Description
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.



Stand	Baraga Mgt. Unit		Report 7 – Forested Stands			Compartment: 26 Year of Entry: 2019
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	4112 - Maple, Beech, Cherry Association	Sawtimber Well	2.4	87	81-110	signal Rock hdwd, cut in 2011 ish
2	6121 - Tamarack	Poletimber Poor	29.1	87	1-50	Low area, treed bog and sparse veg.
3	6122 - Black Spruce	Poletimber Well	144.2	106	81-110	take out of old growth. Stand transition to more of a Q type
4	6122 - Black Spruce	Sapling Well	26.2	53	Unspecified	Field data from 3/2007
5	4112 - Maple, Beech, Cherry Association	Poletimber Well	7.0	106	81-110	Signal Rock hdwd cut 2011 ish.
6	6122 - Black Spruce	Sapling Medium	13.7	53	1-50	
7	6122 - Black Spruce	Sapling Poor	6.6	71	1-50	Field data from 3/2007
8	4112 - Maple, Beech, Cherry Association	Poletimber Well	19.8	82	51-80	cut in 2011 Signal Rock unit 3.
9	4199 - Other Mixed Upland Deciduous	Poletimber Well	40.3	61	111-140	
10	6122 - Black Spruce	Poletimber Well	55.6	85	51-80	
13	4130 - Aspen	Sapling Medium	56.1	18	Immature	Cut in 2000, Wallafir, 11-007-99-01.
14	6122 - Black Spruce	Poletimber Poor	21.9	108	1-50	West Branch Net River.
15	429 - Mixed Upland Conifers	Poletimber Well	57.9	119	111-140	Look at cutting in 2027
16	6122 - Black Spruce	Poletimber Well	27.6	102	111-140	
17	6122 - Black Spruce	Poletimber Well	33.0	102	111-140	Look at cutting in 2027
19	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	112.5	111	81-110	
20	4112 - Maple, Beech, Cherry Association	Poletimber Well	37.8	62	111-140	
21	4112 - Maple, Beech, Cherry Association	Sawtimber Well	34.2	90	81-110	Wigworm hdwd completed in summer 2016.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
22	6120 - Lowland Cedar	Poletimber Well	35.5	87	81-110	
23	4115 - Y.Birch, Hemlock NH	Poletimber Well	57.6	69	81-110	Cut 2011 ish. Signal Rock unit 4. 11-023-10-01.trace of black cherry, spruce, cedar, white pine
24	4110 - Sugar Maple Association	Sawtimber Well	63.4	82	81-110	cut winter 2015-16 Wigworm Hdwd. unit 5, 11-007-09-01.
25	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	24.7	96	111-140	Low area, BMP issues
26	4139 - Aspen, Mixed Deciduous	Sapling Medium	28.7	18	Immature	Wallafir, 11-007-99-01, cut in winter 2000. pine was left.
27	6120 - Lowland Cedar	Poletimber Well	69.6	72	81-110	
28	6122 - Black Spruce	Poletimber Well	4.7	99	51-80	Field data from 3/2007
30	4319 - Mixed Upland Forest	Sapling Poor	37.3	4	Immature	cut in 2014, Wigworm Hdwd.
31	4110 - Sugar Maple Association	Sawtimber Well	40.7	111	81-110	cut in 2000, Net Branch Hdwd, 11-014-99-01. Some areas where aspen was removed=low BA, Look at to cut in 2027.
33	6120 - Lowland Cedar	Poletimber Medium	5.8	66	51-80	Field data from 3/2007
34	4110 - Sugar Maple Association	Poletimber Well	51.4	92	111-140	cut in 2000, South Covington Block, 11-013-99-01. TP=2017
36	42390 - Mixed Non- Pine Upland Conifers	Poletimber Well	66.5	105	51-80	Most of stand cut in 2000, Net Branch Hdwd. Look at cutting in 2049.
37	4319 - Mixed Upland Forest	Poletimber Medium	35.6	39	1-50	Field data from 3/2007
38	4319 - Mixed Upland Forest	Poletimber Well	50.4	90	111-140	TP=2017
39	4112 - Maple, Beech, Cherry Association	Poletimber Well	73.6	88	81-110	Net Branch Hdwd cut in 2000. Areas where aspen was removed= low BA. cut in 2027 lots of white birch regen
40	4112 - Maple, Beech, Cherry Association	Sawtimber Well	20.2	82	81-110	Wigworm Hdwd, cut in 2012 ish, unit 3.
43	4112 - Maple, Beech, Cherry Association	Poletimber Well	81.7	111	81-110	cut in 2000 South Covington Block. TP=2017

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Baraga Mgt. Unit

Report 7 – Forested Stands

Compartment: 26
Year of Entry: 2019

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
44	4112 - Maple, Beech, Cherry Association	Sawtimber Well	9.7	82	51-80	Wigworm Hdwd cut in 2012 ish.
45	42200 - Natural White Pine	Sawtimber Well	15.6	123	201+	Field data from 3/2007 there is a hikeing trail running though this stand by the "wilderness friends" running to the pvt 40 owned by The Forests Of Tomorrow - not sure what to do about this? law?
46	4319 - Mixed Upland Forest	Poletimber Medium	26.1	39	1-50	Field data from 3/2007
50	6124 - Lowland Spruce- Fir	Poletimber Medium	12.9	50	1-50	Field data from 3/2007
51	4112 - Maple, Beech, Cherry Association	Sawtimber Well	11.0	82	81-110	Wigworm Hdwd, cut in 2011 ish. 11-007-09-01, unit 1.
52	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	65.0	87	81-110	
53	6120 - Lowland Cedar	Poletimber Well	45.2	100	51-80	
54	42380 - Non Pine Upland Conifer, Mixed Deciduous	Poletimber Well	5.0	111	81-110	80% of stnd is on a steep slope or swamp edge
55	4112 - Maple, Beech, Cherry Association	Sawtimber Well	175.2	94	51-80	Tower Hdwd, cut in 2012 ish, 11-022-10-01.
56	6120 - Lowland Cedar	Poletimber Medium	15.1	66	51-80	Field data from 3/2007
57	4112 - Maple, Beech, Cherry Association	Sawtimber Well	30.7	72	111-140	Cut in 2000, Net Branch Hdwd.
58	4115 - Y.Birch, Hemlock NH	Sawtimber Well	124.0	77	81-110	cut in 2012 ish, Tower Hdwd, 11-022-10-01.
59	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	58.2	89	111-140	
60	4112 - Maple, Beech, Cherry Association	Poletimber Well	87.6	75	111-140	
62	4112 - Maple, Beech, Cherry Association	Poletimber Well	18.0	77	51-80	Tower Hdwd, cut in 2013.
63	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	20.2	72	111-140	
64	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	7.4	6	Immature	cut in 2011ish. art of unit 1 of Signal Rock, original stand was split.

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Baraga Mgt. Unit

Report 7 – Forested Stands

Compartment: 26
Year of Entry: 2019

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
65	4112 - Maple, Beech, Cherry Association	Poletimber Well	10.6	62	111-140	
66	4119 - Mixed Northern Hardwoods	Poletimber Well	15.1	62	81-110	Good white Birch regen 3-5"dbh. Let go till 2037 then clearcut.
67	4119 - Mixed Northern Hardwoods	Poletimber Well	3.6	78	81-110	
68	429 - Mixed Upland Conifers	Poletimber Well	13.3	98	111-140	
69	4319 - Mixed Upland Forest	Poletimber Well	10.9	62	111-140	
70	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	13.7	119	111-140	
71	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	42.3	89	81-110	Field data from 3/2007
73	6122 - Black Spruce	Poletimber Poor	10.9	119	51-80	



Stand	Cover Type	Acres	Managed Site	General Comments:
11	622 - Lowland Shrub	3.6	No	
12	330 - Low-Density Trees	29.5	No	
18	623 - Emergent Wetland	14.1	No	
29	622 - Lowland Shrub	15.8	No	
32	623 - Emergent Wetland	9.0	No	
35	622 - Lowland Shrub	6.1	No	
41	310 - Herbaceous Openland	4.8	No	Gas Line
42	122 - Road/Parking Lot	8.2	No	Gravel pit.
47	500 - Water	6.1	No	water
48	623 - Emergent Wetland	4.9	No	
49	622 - Lowland Shrub	10.8	No	trib to West Branch Net River
61	500 - Water	4.8	No	