



Compartment Review Presentation

Baraga Forest Management Unit

Compartment 11002

Entry Year 2025

Acreage: 2,658

County Baraga

Management Area: Keweenaw Bay

Stand Examiner: Fred Hansen

Legal Description:

Baraga County, Arvon Township
T51N R30W Sections 4, 5, 6, 8
T51N R31W Section 1
T52N R30W Section 31, 32

Identified Planning Goals:

Huron Mountains (4.17)
Manage for deer wintering complex, and commercial stands of timber.

Soil and topography:

Soils are: Munising loamy sand, Yalmer loamy sand, Assinins sand, Carbondale muck, Tacoosh muck, Gay mucky fine sandy loam, and Skanee loamy sand. Topography is level.

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

This compartment is surrounded by private land. Much of the private land is owned by forest industry and is managed for timber.

Unique Natural Features:

No unique features are identified.

Archeological, Historical, and Cultural Features:

None listed.

Special Management Designations or Considerations:

This compartment is in a deer yard area.

Watershed and Fisheries Considerations:

Fossoms Creek and Black Creek are trout streams.

Wildlife Habitat Considerations:

Compartment 2 is found within the Huron Mountains Management Area; on a Bedrock-Controlled Ground Moraines and till-floored lake plains in northern Baraga and Marquette Counties. Most of the natural communities in this area are mesic northern forests and poor conifer swamps. Major forest cover types include Northern Hardwood, Aspen and Hemlock. The area receives significant snowfall and represents almost 20% of the WUP State Forest hemlock resource. This area provides critical wintering habitat for white tailed deer, especially along the Lake Superior shoreline. Additionally, some of the largest tracts of mature forest in the Great Lakes (e.g. McCormick Tract, Craig's Lake Wilderness State Park, and the Huron Mountain Club) occur within or adjacent to this management area. The current condition and spatial arrangement of these areas provide some of the best opportunities within the WUP, state, and Great Lakes for area sensitive wildlife that require large tracts of mature forest, mesic conifer or corridors between such areas. The wildlife priority here is to manage for old growth forest characteristics, in a fairly un-fragmented condition, with particular emphasis on protecting the hemlock component. This strategy will protect thermal cover, provide for wildlife movement corridors, and provide habitat for a variety of species. This includes minimizing habitat fragmentation; insuring adequate coarse woody debris; retain or develop large living and dead standing trees (for cavities); mesic conifer; mature forest; within-stand diversity; closed canopy forest; and deer wintering complexes.

The following have been identified as featured species for the Huron Mountains Management Area: American Marten, Blackburnian Warbler, and White-Tailed Deer.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of coarse-textured glacial till and minor glacial outwash sand and gravel and postglacial alluvium and lacustrine (lake) sand and gravel to the east. The glacial drift thickness varies from insufficient data to determine the glacial drift thickness up to a thickness of 50 feet. The Precambrian Jacobsville Sandstone and the Michigamme Formation underlie the compartment. The Jacobsville was previously used as a building stone. There are

mostly sand pits in the area, but there may be some potential. No mines are located in this area, but Sections 4-6 & 8-T51N-R30W are leased for metallic exploration. There is no economic oil and gas production in the UP.

Vehicle Access:

Access within the compartment is poor. Roland Lake Road and Greenhouse Road provide county road access to the compartment.

Survey Needs:

No servery work needed.

Recreational Facilities and Opportunities:

There is a boating access site on Roland Lake. There are no other recreational facilities in this compartment.

Fire Protection:

This is an area of low fire incidence. Most fires have resulted from lightning strikes.

Additional Compartment Information:

There is an old sand pit on Roland Lake road. There is an old dump site located in the compartment.

The following reports from the Inventory are attached:

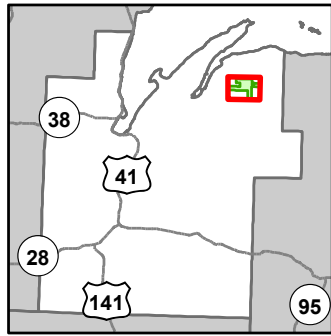
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

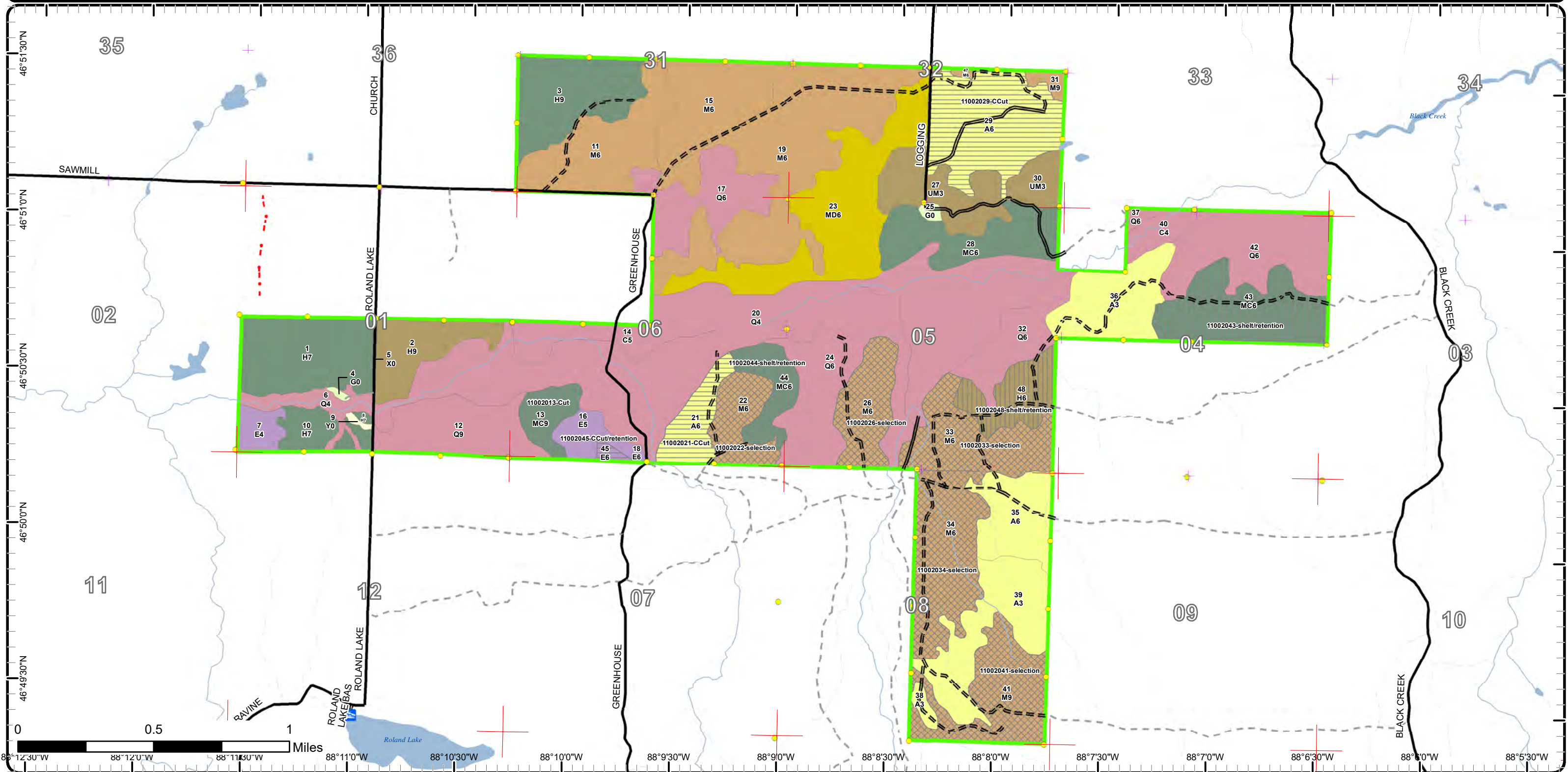
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 2
 T52N, R30W, Sec: 31, 33
 T51N, R31W, Sec: 1
 T51N, R30W, Sec: 4-6, 8
 County: Baraga
 Unit: Baraga
 Mgmt Area: Keweenaw Bay
 YOE: 2025
 Acres: 2658.5 GIS Calculated
 Examiner: Fred Hansen
 Map Revised: 7/31/2023
 Map Phase: Post-Review

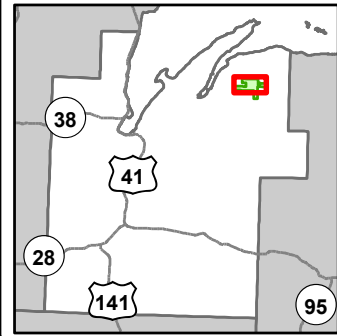


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- Boating Access Site
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Shelter Wood (w/Reserves)
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 710 - Sand/Soil

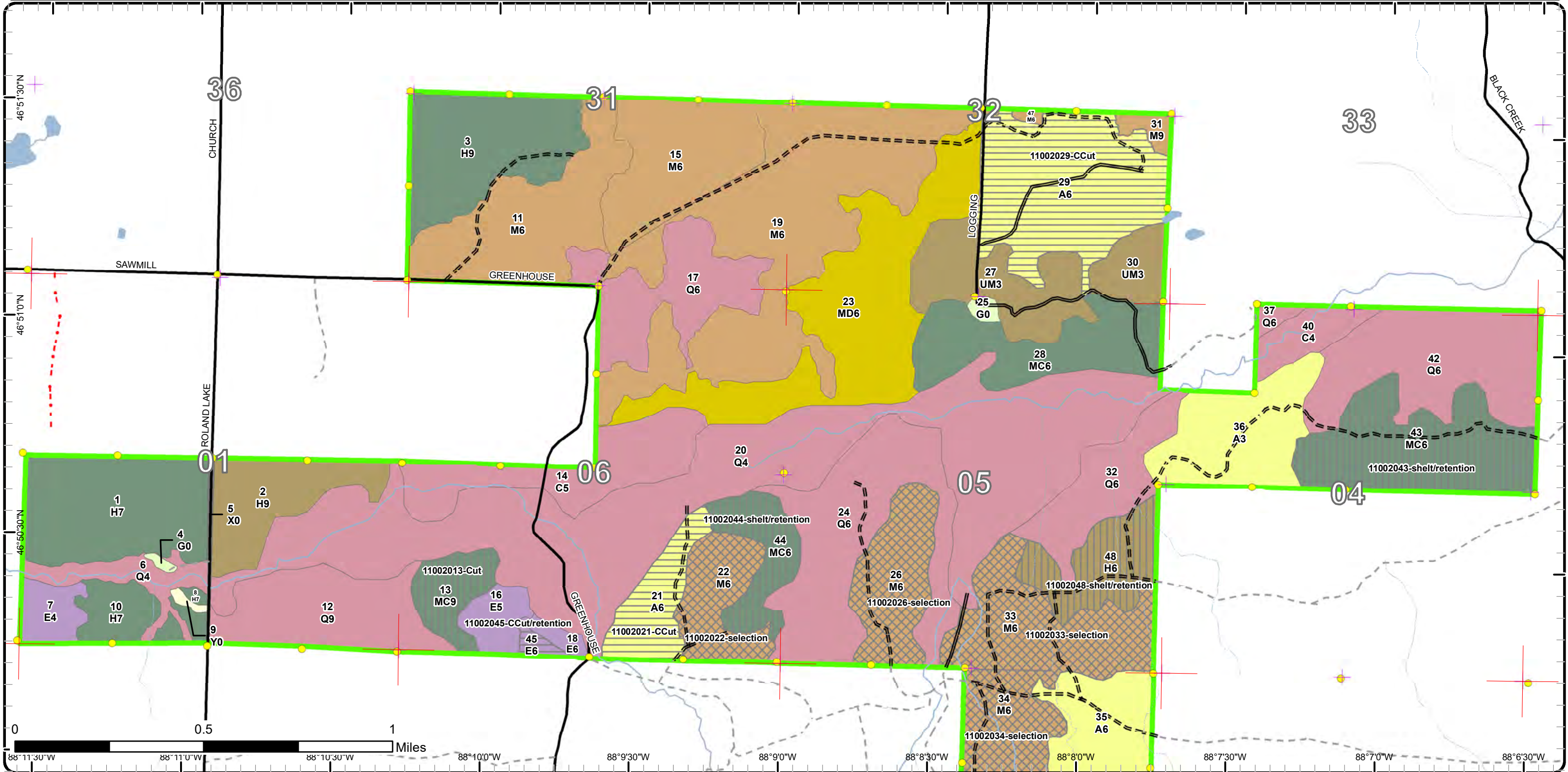


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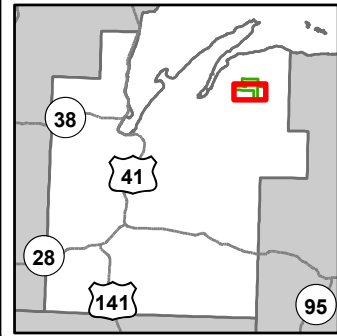


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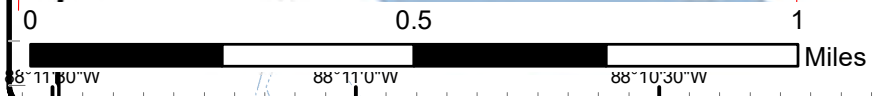
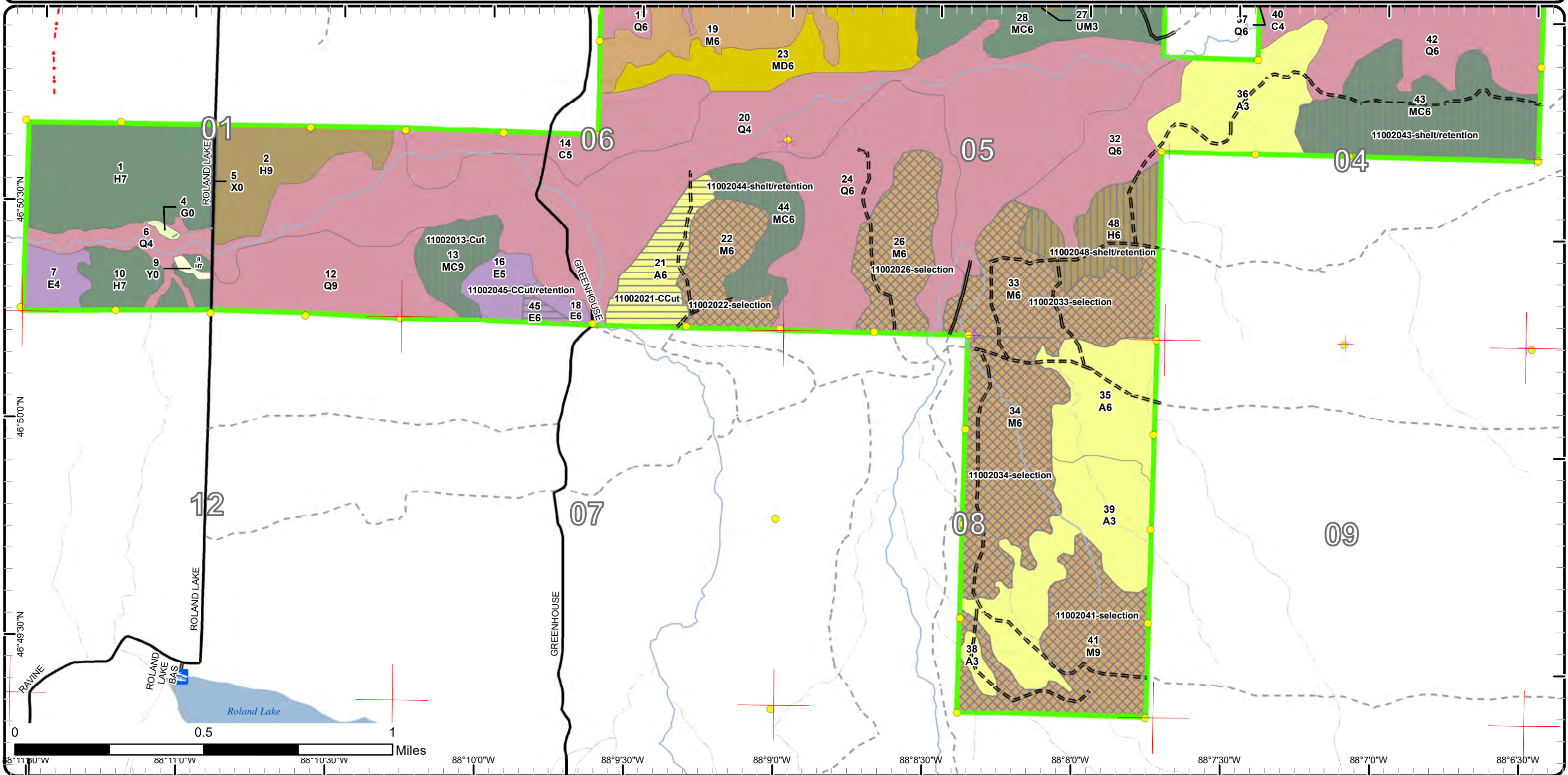


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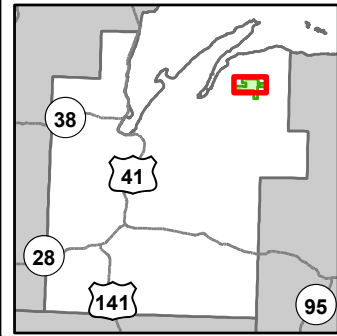


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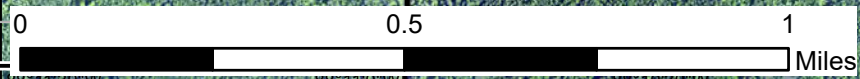
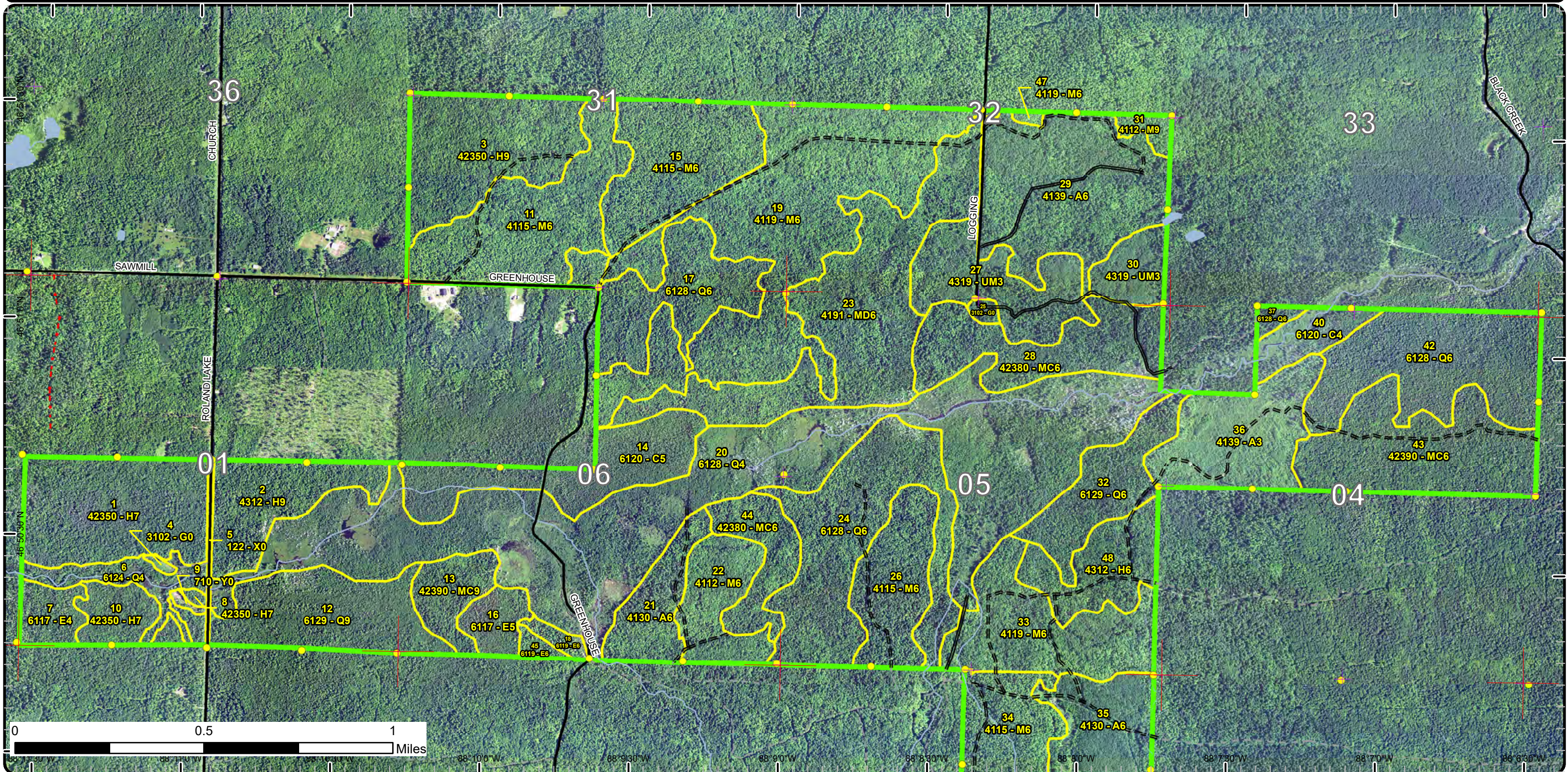
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Stand Boundary Map



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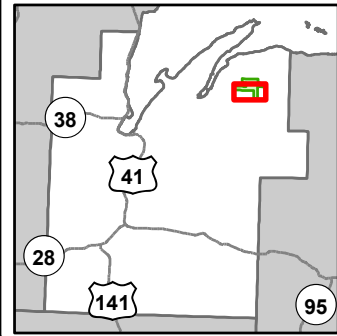
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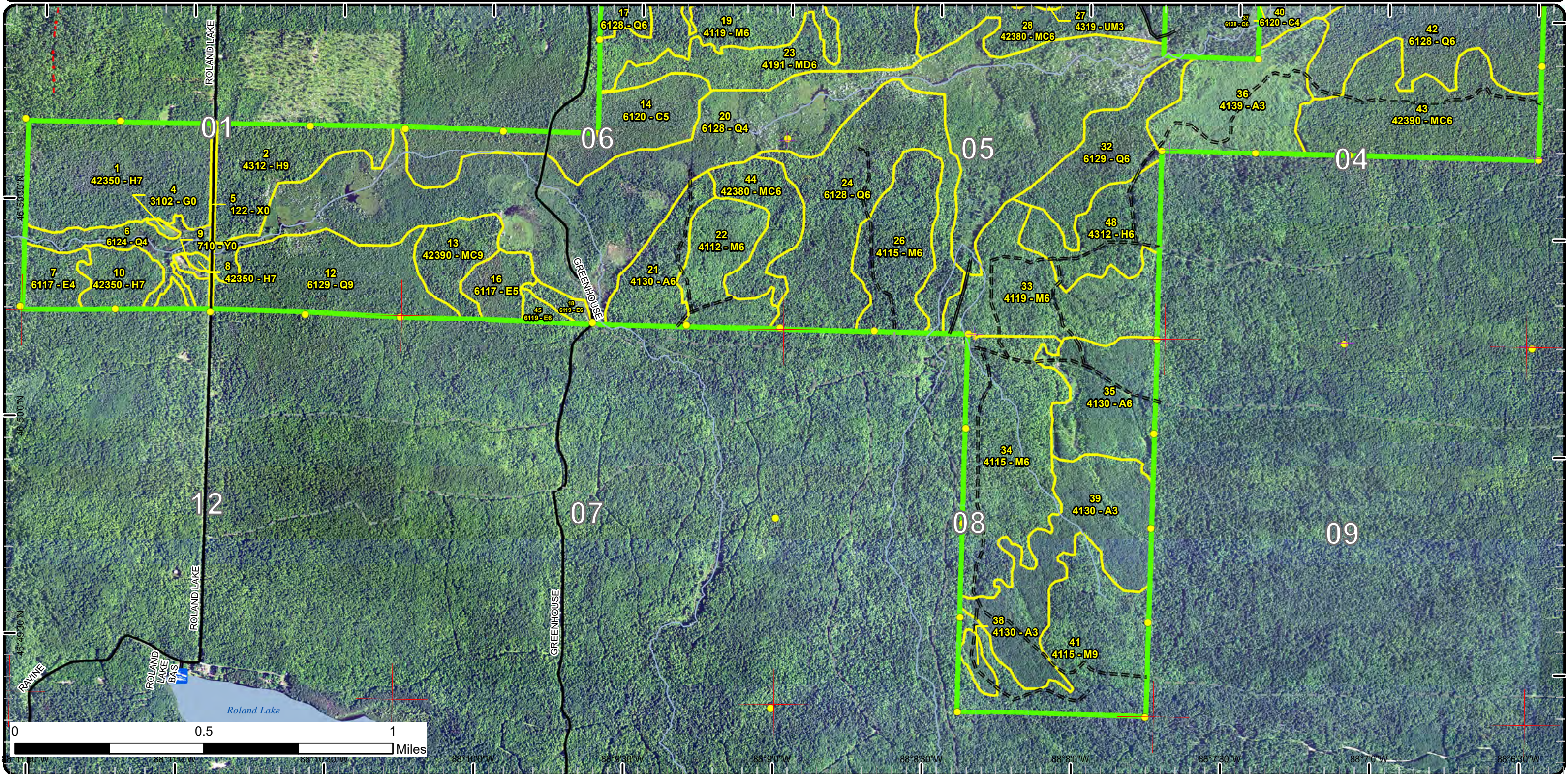
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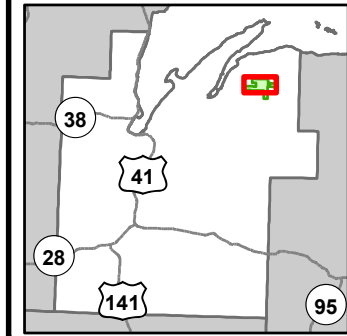


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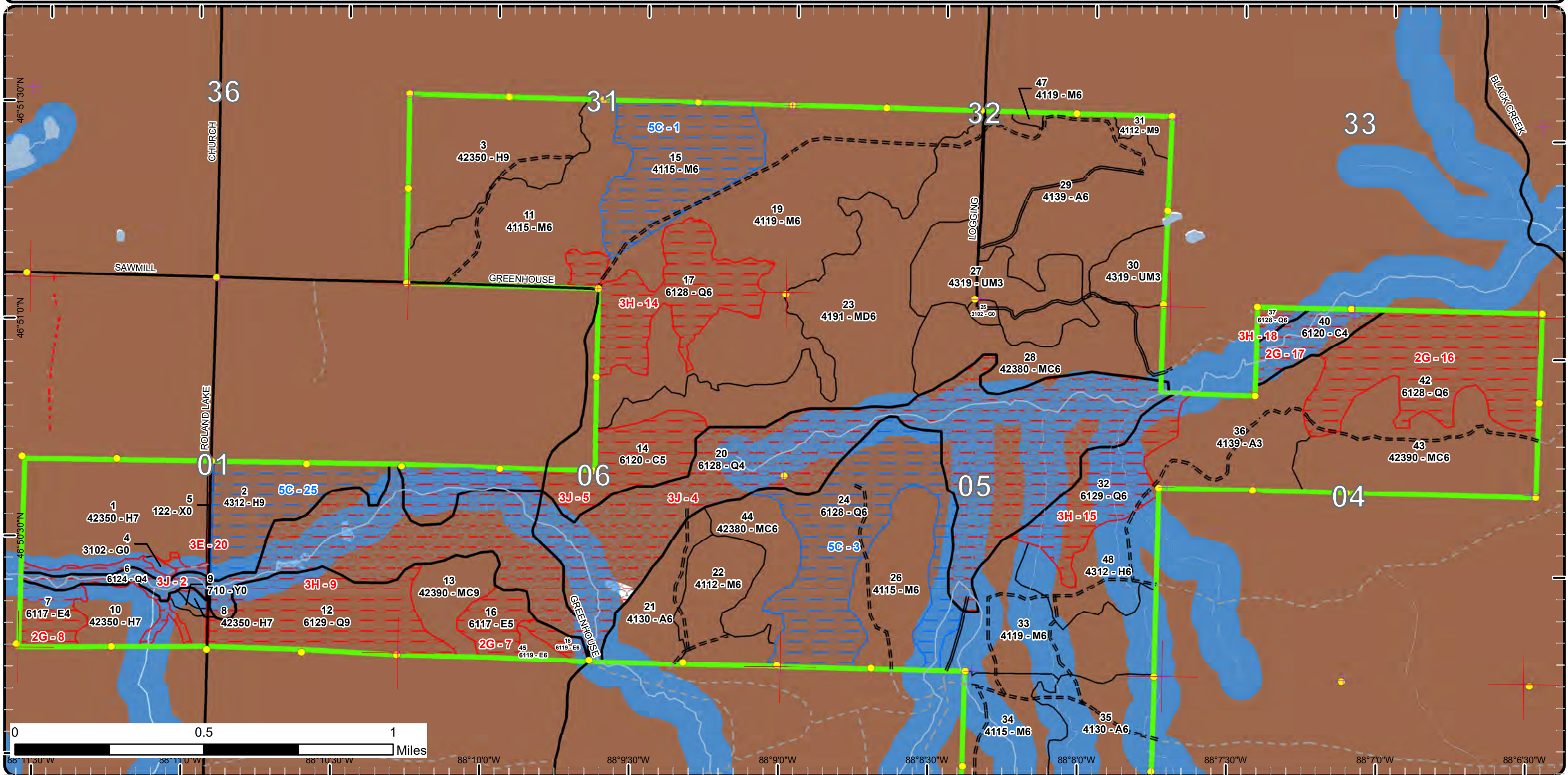


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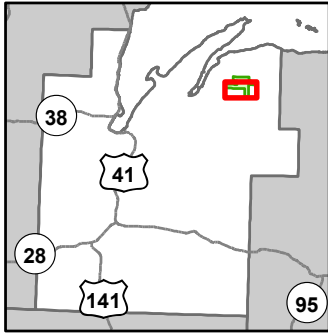


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- Compartment Boundary
- Available w/ Constraints
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- 3E: Easement / lease, non-military (e.g.- Consumers Power red pine, etc)
- 3J: Water quality / BMPs (stream, river, or lake)
- Stand Boundaries
- SCA Removal
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer
- Deer Winter Range

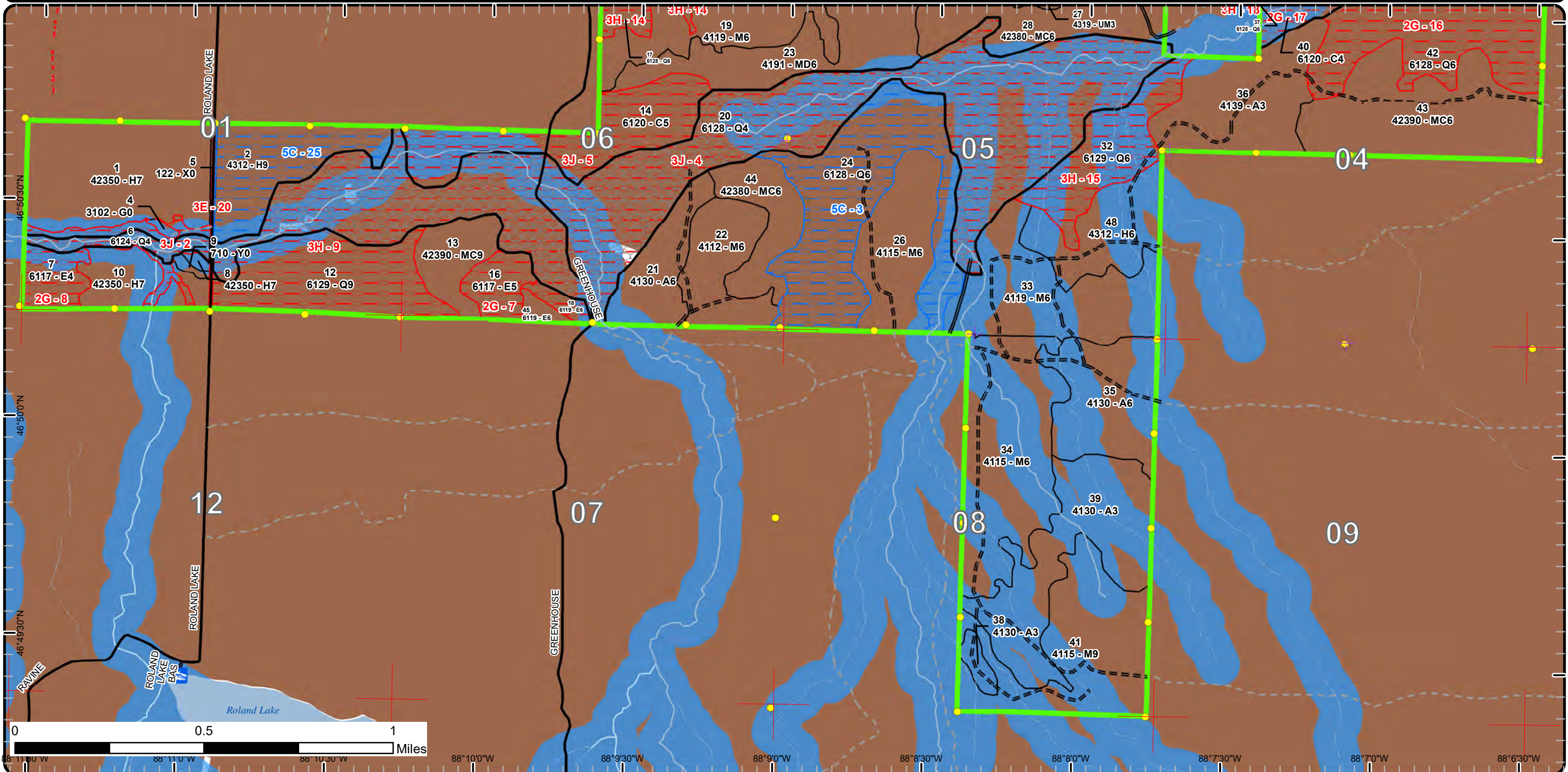


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- Cold Water Streams
- Cold Water Lakes
- Deer Winter Range



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+	Unseen-Aged	Total
Aspen	0	0	65	6	84	54	112	0	33	0	0	0	0	0	0	0	0	0	354
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	20	0	0	83
Hemlock	0	0	0	0	0	0	0	0	1	0	0	0	191	0	0	42	0	50	284
Herbaceous Openland	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	23	0	0	0	411	324	0	0	758
Lowland Deciduous	0	0	0	0	0	0	25	0	0	17	0	0	0	0	0	0	0	0	41
Mixed Upland Deciduous	0	0	0	0	0	0	136	0	0	0	0	0	0	0	0	0	0	0	136
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	706	706
Sand, Soil	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Upland Conifers	0	0	0	0	0	0	0	0	0	0	0	0	154	0	0	56	0	0	210
Upland Mixed Forest	0	0	0	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	77
Urban	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Total	10	0	65	83	84	54	273	0	34	17	23	0	345	0	0	572	344	756	2659



Report 2 – Treatment Summary

Baraga Mgt. Unit

Year of Entry: 2025

Acres of Harvest

Compartment 2

Total Compartment Acres: 2,658

Commercial Harvest - 674
 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
Aspen	145	0	0	0	0	0	0	0	0	145
Hemlock	0	0	0	0	42	0	0	0	0	42
Lowland Deciduous	4	0	0	0	0	0	0	0	0	4
Northern Hardwood	0	339	0	0	0	0	0	0	0	339
Upland Conifers	0	0	0	0	144	0	0	0	0	144
Total	149	339	0	0	186	0	0	0	0	674

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	674	0	0	0	0	0	0	0	0	674
Next Step	0	0	0	0	0	0	674	0	0	674
Total	674	0	0	0	0	0	674	0	0	1348



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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Approved Treatments:

13	11002013-Cut	24.4	42390 - Mixed Non-Pine Upland Conifers	Sawtimber Well	146	141-170	Harvest	Shelterwood with Retention	429 - Mixed Upland Conifers	Two-Aged	No
<p><u>Prescription Specs:</u> Harvest all species down to 4.6 inches DBH except hemlock, cedar and white pine. Follow deer wintering yard guidelines for harvest season for this treatment area. Winter cut only (December 1st to March 31st).</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Any combination of the original stands over story species prior to harvest.</p> <p><u>Other Comment:</u> Retention for this stand will be greater than 3% and will consist of reserve tree species.</p> <p><u>Site Condition</u></p> <p>Proposed Start Date: 10/1 /2024</p>											
21	11002021-CCut	33.1	4130 - Aspen	Poletimber Well	72	Unspecified	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription Specs:</u> Harvest all species down to 4.6 inches DBH except hemlock, cedar and white pine. . Also leave at least one cherry per acre if present. Drumming log spec = Leave tree mark one 12"+ tree per acre to be felled and left whole tree length. Follow deer wintering yard guidelines for harvest season for this treatment area. Winter cut only (December 1st to March 31st)</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Any combination of the original stands over story species prior to harvest.</p> <p><u>Other Comment:</u> Retention for this stand will be greater than 3% and will consist of reserve tree species.</p> <p><u>Site Condition</u></p> <p>Proposed Start Date: 10/1 /2024</p>											
22	11002022-selection	38.7	4112 - Maple, Beech, Cherry Association	Poletimber Well	87	141-170	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription Specs:</u> 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 no less than 100 sqft of BA. Around areas of heavy Hemlock, open up the drip edge to encourage hemlock seedling establishment. Follow all guidelines set forth in "The Complete Marker". Follow deer wintering yard guidelines for harvest season for this treatment area. Winter cut only (December 1st to March 31st)</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Any combination of the original stands over story species prior to harvest.</p> <p><u>Other Comment:</u> Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species.</p> <p><u>Site Condition</u></p> <p>Proposed Start Date: 10/1 /2024</p>											



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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26	11002026-selection	50.3	4115 - Y.Birch, Hemlock NH	Poletimber Well	87	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
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Prescription Specs: 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 no less than 100 sqft of BA. Around areas of heavy Hemlock, open up the drip edge to encourage hemlock seedling establishment. Follow all guidelines set forth in "The Complete Marker". Follow deer wintering yard guidelines for harvest season for this treatment area. Winter cut only (December 1st to March 31st).

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

Treatments:

Acceptable Regen: Any combination of the original stands over story species prior to harvest.

Other Comment:

Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species.

Site Condition

Proposed Start Date:

10/1 /2024

29	11002029-CCut	111.5	4139 - Aspen, Mixed Deciduous	Poletimber Well	56	Unspecified	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Specs: Harvest all species down to 4.6 inches DBH except hemlock, cedar and white pine. . Also leave at least one cherry per acre if/where present. Drumming log spec = Leave tree mark one 12"+ tree per acre to be felled and left whole tree length. Follow deer wintering yard guidelines for harvest season for this treatment area. Winter cut only (December 1st to March 31st)

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

Treatments:

Acceptable Regen: Any combination of the original stands over story species prior to harvest.

Other Comment:

Retention for this stand will be greater than 3% and will consist of reserve tree species.

Stand 29 is over 100 acres and was agreed on at Comp Review.

Site Condition

Proposed Start Date: 10/1 /2024

33	11002033-selection	74.9	4119 - Mixed Northern Hardwoods	Poletimber Well	65	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
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Prescription Specs: 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 no less than 100 sqft of BA. Around areas of heavy Hemlock, open up the drip edge to encourage hemlock seedling establishment. Follow all guidelines set forth in "The Complete Marker". Winter cut only due to deer winter range.

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

Treatments:

Acceptable Regen: Any combination of the original stands over story species prior to harvest.

Other Comment:

Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species.

Site Condition

Proposed Start Date:

10/1 /2024



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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34	11002034-selection	94.4	4115 - Y.Birch, Hemlock NH	Poletimber Well	76	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
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Prescription Specs: 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 no less than 100 sqft of BA. Around areas of heavy Hemlock, open up the drip edge to encourage hemlock seedling establishment. Follow all guidelines set forth in "The Complete Marker". Follow deer wintering yard guidelines for harvest season for this treatment area. Winter cut only (December 1st to March 31st).

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

Treatments:

Acceptable Regen: Any combination of the original stands over story species prior to harvest.

Other Comment:

Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species.

Site Condition

Proposed Start Date:

10/1 /2024

41	11002041-selection	81.1	4115 - Y.Birch, Hemlock NH	Sawtimber Well	76	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
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Prescription Specs: 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 no less than 100 sqft of BA. Around areas of heavy Hemlock, open up the drip edge to encourage hemlock seedling establishment. Follow all guidelines set forth in "The Complete Marker". Follow deer wintering yard guidelines for harvest season for this treatment area. Winter cut only (December 1st to March 31st).

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

Treatments:

Acceptable Regen: Any combination of the original stands over story species prior to harvest.

Other Comment:

Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species.

Site Condition

Proposed Start Date:

10/1 /2024

43	11002043-shelt/retention	87.8	42390 - Mixed Non-Pine Upland Conifers	Poletimber Well	113	141-170	Harvest	Shelterwood with Retention	429 - Mixed Upland Conifers	Two-Aged	No
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Prescription Specs: Harvest all species down to 4.6 inches DBH except hemlock, cedar and white pine. Follow deer wintering yard guidelines for harvest season for this treatment area. Winter cut only (December 1st to March 31st).

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

Treatments:

Acceptable Regen: Any combination of the original stands over story species prior to harvest.

Other Comment:

Retention for this stand will be greater than 3% and will consist of reserve tree species.

Site Condition

Proposed Start Date:

10/1 /2024



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
44 11002044-shelt/retention	31.8	42380 - Non Pine Upland Conifer, Mixed Deciduous	Poletimber Well	146	141-170	Harvest	Shelterwood with Retention	429 - Mixed Upland Conifers	Two-Aged	No
<p><u>Prescription Specs:</u> Harvest all species down to 4.6 inches DBH except hemlock, cedar and white pine. Follow deer wintering yard guidelines for harvest season for this treatment area. Winter cut only (December 1st to March 31st).</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Any combination of the original stands over story species prior to harvest.</p> <p><u>Other Comment:</u> Retention for this stand will be greater than 3% and will consist of reserve tree species.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
45 11002045-CCut/retention	4.1	6119 - Mixed Lowland Deciduous Forest	Poletimber Well	59	111-140	Harvest	Clearcut with Retention	611 - Lowland Deciduous Forest	Even-Aged	No
<p><u>Prescription Specs:</u> Harvest all species down to 4.6 inches DBH except hemlock, cedar and white pine. Follow deer wintering yard guidelines for harvest season for this treatment area. Winter cut only (December 1st to March 31st).</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Any combination of the original stands over story species prior to harvest.</p> <p><u>Other Comment:</u> Retention for this stand will be greater than 3% and will consist of reserve tree species.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
48 11002048-shelt/retention	42.1	4312 - Hemlock, Mixed Deciduous	Poletimber Well	146	111-140	Harvest	Shelterwood with Retention	4312 - Hemlock, Mixed Deciduous	Two-Aged	No
<p><u>Prescription Specs:</u> Harvest all species down to 4.6 inches DBH except hemlock, cedar and white pine. Follow deer wintering yard guidelines for harvest season for this treatment area. Winter cut only (December 1st to March 31st).</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Any combination of the original stands over story species prior to harvest.</p> <p><u>Other Comment:</u> Retention for this stand will be greater than 3% and will consist of reserve tree species.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										

Total Treatment Acreage Proposed: 674.2

Report 4 – Site Conditions

Baraga Mgt. Unit
Fred Hansen : Examiner

Compartment: 2
Year of Entry: 2025

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions				
		With Condition	Not Available		5C	2G	3E	3H	3J
353	353	0	0	Aspen					
83	0	0	83	Cedar		20			63
284	234	50	0	Hemlock	50	0		0	
4	4	0	0	Herbaceous Openland					
757	0	112	645	Lowland Conifers	112	94	0	182	369
42	4	0	38	Lowland Deciduous		33			5
136	136	0	0	Mixed Upland Deciduous					0
707	634	72	0	Northern Hardwood	72				0
2	2	0	0	Sand, Soil					
210	210	0	0	Upland Conifers		0			
77	77	0	0	Upland Mixed Forest					
4	1	0	3	Urban	0		3		
2,658	1,656	234	769	Total Forested Acres	234	146	3	182	438
	62%	9%	29%	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	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	72	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Cut with adjacent hardwood north of Fossom Creek in 2035							
2	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	23	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Baraga Mgt. Unit
Fred Hansen : Examiner

Compartment: 2
Year of Entry: 2025

3	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	112	Unspecified	Unspecified	Unspecified	Unspecified
Comments: delay till 2045.							
4	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	352	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	63	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	17	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Baraga Mgt. Unit
Fred Hansen : Examiner

Compartment: 2
Year of Entry: 2025

9	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	67	Unspecified	Unspecified	Unspecified	Unspecified
Comments: WLD does not allow harvesting of this cover type in a deer yard.							
14	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	65	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments: WLD doe not allow harvesting of this cover type in a deer yard							
15	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	47	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments: WLD does not allow harvesting of this cover type in a deer yard.							
16	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	94	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified	Unspecified
Comments:							
17	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	20	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Baraga Mgt. Unit
Fred Hansen : Examiner

Compartment: 2
Year of Entry: 2025

18	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	4	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments: WLD does not allow harvesting of this cover type in a deer yard.							
20	Unavailable	3E: Easement / lease, non-military (e.g.- Consumers Power red pine, etc)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: County Road.							
25	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	50	Unspecified	Unspecified	Unspecified	Unspecified
Comments: hold treatment for wildlife until 2023.							



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
Fossum Creek	Habitat Area	Other Habitat Area	SCA Removal	378
Comments				
nothing special about this area				



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 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.
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.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																								
1	42350 - Upland Hemlock	Sawtimber Poor	85.6	116	1-50	N/A	2013: Goal is to promote hemlock regeneration. 2023: Fossom Fir, cut in 2017.																																																								
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2	4312 - Hemlock, Mixed Deciduous	Sawtimber Well	49.6	116	141-170	N/A	2023: Reserve white pine, hemlock, and cedar. Goal is to promote hemlock regeneration.																																																								
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4	3102 - Grass	Nonstocked	1.3		Unspecified	No	2013: Old Dump Site off of Roland Lake Road. 2023: Did not look at in 2023.																																																								
5	122 - Road/Parking Lot	Nonstocked	3.6		Unspecified	No	Roland Lake Road--Gravel county road.																																																								
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7	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Poor	16.5	83	111-140	N/A	2013: Reserve white pine, hemlock, and cedar. Goal is to promote hemlock regeneration. 2023: Fossum Fir 11-001-15 Cut in 2018.																																																													
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8	42350 - Upland Hemlock	Sawtimber Poor	1.4	78	1-50	N/A	2013: Goal is to promote hemlock regeneration. 2023: Fossum Fir, cut in 2017.																																																													
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9	710 - Sand, Soil	Nonstocked	1.6		Unspecified	No	Old sand pit, sparse trees, aspen, red maple and spruce saplings growing in on the edge.																																																													
10	42350 - Upland Hemlock	Sawtimber Poor	25.4	116	1-50	N/A	2013: Reserve white pine, hemlock, and cedar. Goal is to promote hemlock regeneration. 2023: Fossum Fir 11-001-15 Cut in 2018.																																																													
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11	4115 - Y.Birch, Hemlock NH	Poletimber Well	86.6	76	81-110	N/A	2013: Green house Hdwd, cut in 1994. and Deer yard Hdwd cut in 2000 (se 28acres). 2018:Greenhouse Mix cut in winter 2017-18.																																																													
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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12	6129 - Mixed Coniferous Lowland Forest	Sawtimber Well	67.3	150	Unspecified	N/A	Hemlock ridges with ash swails in-between. Look as if cedar was cut in the 1970's, maybe for deer food.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	8	Sapling/Pole	4		Yellow Birch	Medium	>20 feet	Sapling
Black Spruce	12	Pole	6		Red Maple	Medium	>20 feet	Sapling
Hemlock	45	Log	16	150	Black Ash	Full	>20 feet	Sapling
Northern White Cedar	35	Pole	10					

13	42390 - Mixed Non-Pine Upland Conifers	Sawtimber Well	24.4	146	141-170	N/A	Hemlock ridges with ash swails in-between.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	2	Pole	6		Black Ash	Full	Variable	Sapling
Black Ash	10	Pole	6		Yellow Birch	Medium	Variable	Sapling
Paper Birch	2	Pole	6		Hemlock	High	Variable	Sapling
Yellow Birch	5	Pole	9		Red Maple	Medium	Variable	Sapling
Northern White Cedar	25	Log	14		White Spruce	Medium	10 - 20 feet	Sapling
White Spruce	5	Log	12					
Red Maple	10	Pole	8					
Hemlock	41	Log	16	146				

14	6120 - Lowland Cedar	Poletimber Medium	62.8	143	Unspecified	N/A	RMZ, creek runs through it, wet. 2023: Did not look at in 2023.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Tamarack	18	Pole	8		Tag Alder	Full	10 - 20 feet	Tall Shrub
Black Ash	10	Pole	8					
Northern White Cedar	55	Pole	6	143				
White Pine	2	Log	12					
Black Spruce	15	Pole	5					

15	4115 - Y.Birch, Hemlock NH	Poletimber Well	72.1	98	111-140	N/A	Green Hdwd, cut in 2007.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Basswood	5	Log	12		Maple (spp.)	Full	Variable	Sapling
White Ash	5	Log	12		White Spruce	Low	10 - 20 feet	Sapling
Sugar Maple	20	Log/Pole	10		Ironwood	Full	10 - 20 feet	Sapling
Red Maple	50	Log/Pole	10	98	Hemlock	Low	Variable	Pole
Yellow Birch	5	Pole	8					
Hemlock	15	XLog/Log	18					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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16 6117 - Lowland Deciduous, Mixed Coniferous Poletimber Medium 16.3 55 Unspecified N/A 2023: Wet. Stand is being flooded out by beavers.

Canopy Species	% Cover	Size Class	DBH	Age
Black Ash	45	Pole/Sapling	5	55
Black Spruce	5	Pole	8	
Hemlock	5	Log	14	
Red Maple	35	Sapling/Pole	4	
Northern White Cedar	10	Pole	8	146

17 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Well 64.6 146 171-200 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	50	Log	16	146	Hemlock	Medium	Variable	Pole
Black Ash	10	Pole	6		Northern White Cedar	Medium	>20 feet	Pole
White Spruce	5	Pole	7		Yellow Birch	Full	Variable	Sapling
Red Maple	10	Pole	7		White Spruce	Medium	>20 feet	Pole
Northern White Cedar	25	Pole	8		Black Spruce	Low	>20 feet	Pole
					Red Maple	Full	Variable	Sapling

18 6119 - Mixed Lowland Deciduous Forest Poletimber Well 5.3 59 81-110 N/A wet ground

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	5	Pole	8		Ironwood	Full	10 - 20 feet	Tall Shrub
Black Ash	51	Pole	6	59	American Elm	High	>20 feet	Sapling
Black Cherry	1	Pole	6		Red Maple	Full	>20 feet	Sapling
Red Maple	20	Pole	6	59	White Spruce	High	10 - 20 feet	Sapling
Basswood	5	Pole/Log	8		Black Ash	High	>20 feet	Sapling
White Spruce	5	Pole	7					
Sugar Maple	10	Pole	6					
Balsam Fir	2	Pole	6					
Yellow Birch	1	Pole	6					

19 4119 - Mixed Northern Hardwoods Poletimber Well 199.3 98 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	2	Pole	8		Hemlock	Low	Variable	Pole
Red Oak	2	Pole	10		White Spruce	High	>20 feet	Sapling
Hemlock	15	Log	14		Yellow Birch	Full	Variable	Sapling
Red Maple	50	Pole/Log	10	98	Maple (spp.)	Full	Variable	Sapling
Basswood	3	Log	10		Ironwood	Full	10 - 20 feet	Sapling
Sugar Maple	20	Pole/Log	10		American Elm	Low	>20 feet	Sapling
White Ash	8	Log	12					

Cut by JM Longyear during he winters through 2017-20 as "Six Pack" 11-003-15.
2023: Some heavy deer browse.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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20 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Poor 346.2 146 Unspecified N/A Poor Farm swamp Conifer, Fossum Creek And Black Creek RMZ

Canopy Species	% Cover	Size Class	DBH	Age
Black Ash	35	Pole	5	
Black Spruce	10	Pole	5	
Tamarack	10	Pole	5	
Northern White Cedar	45	Pole	5	146

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Full	10 - 20 feet	Tall Shrub

21 4130 - Aspen Poletimber Well 33.1 72 Unspecified N/A

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	5	Pole	8	
Red Maple	30	Pole	8	
White Spruce	5	Log	10	
Quaking Aspen	60	Pole/Log	10	72

Sub-Canopy Species	Density	Avg. Height	Size
Maple (spp.)	Full	Variable	Sapling
Ironwood	Full	10 - 20 feet	Sapling
White Spruce	Medium	10 - 20 feet	Sapling

22 4112 - Maple, Beech, Cherry Association Poletimber Well 38.7 87 141-170 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	39	Pole/Log	9	
Black Cherry	2	Pole	7	
Sugar Maple	45	Pole	7	87
White Spruce	2	Pole	10	
Yellow Birch	3	Pole	6	
Red Oak	2	XLog	18	
Hemlock	5	Log	16	
Northern White Cedar	2	Log	14	

Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	Low	Variable	Pole
Maple (spp.)	Full	Variable	Pole

23 4191 - Mixed Upland Deciduous with Conifer Poletimber Well 135.9 50 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	15	Pole	6	50
Northern White Cedar	5	Pole	8	
Hemlock	15	Log	14	
Sugar Maple	10	Pole	4	
Black Ash	15	Pole	5	50
Red Maple	20	Sapling/Pole	4	50
White Pine	2	XLog	20	
Yellow Birch	13	Sapling/Pole	4	
Paper Birch	5	Sapling/Pole	4	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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24 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Well 111.9 150 171-200 N/A wet drainages.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Ash	5	Sapling/Pole	5		Northern White Cedar	Medium	Variable	Pole
Yellow Birch	5	Sapling/Pole	5		Black Ash	High	Variable	Sapling
Black Spruce	5	Pole	8		Yellow Birch	High	Variable	Sapling
Red Maple	10	Sapling/Pole	6		Red Maple	High	Variable	Sapling
Northern White Cedar	45	Log/Pole	12	150	Black Spruce	Medium	10 - 20 feet	Sapling
Hemlock	30	Log	16					

25 3102 - Grass Nonstocked 2.8 Unspecified No

26 4115 - Y.Birch, Hemlock NH Poletimber Well 50.3 87 111-140 N/A Barking Bear Hdwd cutin 2007.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Ash	5	Log	12		Hemlock	Medium	Variable	Pole
Hemlock	20	Log	14		Black Cherry	Medium	Variable	Pole
Red Maple	43	Pole	9	87	Maple (spp.)	Full	Variable	Sapling
Sugar Maple	20	Pole	8		Yellow Birch	Medium	Variable	Sapling
Northern White Cedar	5	Pole/Log	10		Balsam Fir	Low	10 - 20 feet	Sapling
White Spruce	2	Pole	10		White Spruce	Low	10 - 20 feet	Sapling
Yellow Birch	5	Pole	8		Northern White Cedar	Medium	>20 feet	Pole
					Ironwood	Medium	10 - 20 feet	Sapling

27 4319 - Mixed Upland Forest Sapling Well 55.9 24 Immature N/A Black Creek block clear cut in 1999. 2023: Did not look at in 2023.

Canopy Species	% Cover	Size Class	DBH	Age
White Spruce	10	Sapling	2	24
Balsam Fir	10	Sapling	2	24
White Pine	2	XLog	22	
Hemlock	15	Log	16	
Quaking Aspen	40	Sapling	2	24
Yellow Birch	5	Sapling	2	24
Northern White Cedar	5	Pole	8	
Red Maple	10	Sapling	2	24
Black Cherry	3	Sapling	2	24



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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28 42380 - Non Pine Upland Conifer, Mixed Deciduous Poletimber Well 66.5 112 141-170 N/A Upland areas of hemlock with wet drainages scattered between. 2023: Did not look at in 2023.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Pole	8	
White Pine	5	XLog	22	
Northern White Cedar	10	Pole	10	
Yellow Birch	5	Pole	8	
Hemlock	25	Log	16	112
Quaking Aspen	5	Log	12	
Paper Birch	5	Pole	8	
Black Ash	10	Pole	8	
Balsam Fir	10	Pole	6	
White Spruce	10	Log	12	
Black Spruce	5	Pole	7	

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Full	10 - 20 feet	Tall Shrub
Maple (spp.)	Full	Variable	Sapling
Balsam Fir	High	Variable	Sapling
White Spruce	Medium	Variable	Sapling
Black Ash	Medium	>20 feet	Sapling
Northern White Cedar	Medium	>20 feet	Pole
Black Cherry	Low	>20 feet	Sapling

29 4139 - Aspen, Mixed Deciduous Poletimber Well 111.5 56 Unspecified N/A

Canopy Species	% Cover	Size Class	DBH	Age
Hemlock	5	Pole	6	
Yellow Birch	5	Pole	8	
Quaking Aspen	40	Pole	8	56
White Spruce	5	Log	14	
Red Maple	35	Pole	8	
Sugar Maple	10	Pole	8	

30 4319 - Mixed Upland Forest Sapling Well 20.8 24 Immature N/A Blach Creek Block clear cut in 1999.

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	2	XLog	22	
Hemlock	15	Log	16	
Red Maple	10	Sapling	2	24
Black Cherry	3	Sapling	2	24
Yellow Birch	5	Sapling	2	24
Quaking Aspen	40	Sapling	2	24
Balsam Fir	10	Sapling	2	24
White Spruce	10	Sapling	2	24
Northern White Cedar	5	Pole	8	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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31 4112 - Maple, Beech, Cherry Association Sawtimber Well 6.7 76 81-110 N/A 2023: Cur in 2018. Six Pack Hdwd.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	25	Pole	8		Yellow Birch	Medium	Variable	Sapling
Red Maple	60	Pole	9	76	Paper Birch	Low	>20 feet	Pole
Yellow Birch	5	Pole	7		Maple (spp.)	Full	Variable	Sapling
White Spruce	5	Log	14		Willow spp.	Low	10 - 20 feet	Tall Shrub
Hemlock	5	Log	16		White Spruce	Medium	10 - 20 feet	Sapling
					Quaking Aspen	Full	10 - 20 feet	Sapling
					Balsam Fir	Medium	10 - 20 feet	Sapling

32 6129 - Mixed Coniferous Lowland Forest Poletimber Well 46.5 150 141-170 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	35	Log	14		Northern White Cedar	Medium	Variable	Pole
Red Maple	10	Pole	8		Red Maple	Full	Variable	Sapling
Yellow Birch	3	Pole	9		White Spruce	Medium	Variable	Pole
White Pine	2	XLog	22		Balsam Fir	Medium	Variable	Pole
White Spruce	5	Log	12					
Northern White Cedar	40	Pole/Log	10	150				
Black Ash	5	Pole	10					

33 4119 - Mixed Northern Hardwoods Poletimber Well 74.9 65 111-140 N/A Acq. in 1990's.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	25	Pole	5		White Spruce	Medium	>20 feet	Sapling
Red Maple	50	Pole	5	65	Hemlock	Low	Variable	Pole
Yellow Birch	5	Pole	6		Balsam Fir	Medium	>20 feet	Sapling
Northern White Cedar	5	Pole	8		Maple (spp.)	Full	Variable	Sapling
Hemlock	10	Log	14					
Black Ash	5	Pole	10					

34 4115 - Y.Birch, Hemlock NH Poletimber Well 94.4 76 111-140 N/A Top 3/4 of stand is Barking Bear Hdwd cut in 2007 and south 1/4 was Sensenbrenner Hdwd cut in 2002.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Ash	5	Log	12		Maple (spp.)	Full	Variable	Sapling
White Spruce	2	Log	12		Ironwood	Full	10 - 20 feet	Sapling
Hemlock	30	Log	16		Hemlock	High	Variable	Pole
Sugar Maple	15	Pole	8		Northern White Cedar	Low	>20 feet	Pole
Red Maple	40	Pole/Log	9	76	White Spruce	Low	>20 feet	Sapling
Yellow Birch	8	Pole	8					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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35 4130 - Aspen Poletimber Well 54.4 42 Unspecified N/A

Canopy Species	% Cover	Size Class	DBH	Age
White Spruce	5	Pole	8	
Red Maple	30	Pole	6	42
Quaking Aspen	65	Pole	6	42

36 4139 - Aspen, Mixed Deciduous Sapling Well 65.3 17 Immature N/A Clear cut in 2005

Canopy Species	% Cover	Size Class	DBH	Age
White Spruce	3	Sapling	2	17
Northern White Cedar	3	Pole	6	
White Pine	2	XLog	24	
Hemlock	2	XLog	18	
Red Maple	30	Sapling	1	17
Quaking Aspen	58	Sapling	1	17
Balsam Fir	2	Sapling	2	17

37 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Well 4.3 150 171-200 N/A 2023: Did not look at in 2023.

Canopy Species	% Cover	Size Class	DBH	Age
Black Ash	5	Log	12	
Red Maple	10	Pole	7	
Balsam Fir	5	Pole	6	
Yellow Birch	5	Log	10	
Hemlock	20	Pole/Log	12	
White Spruce	10	Log	12	
Northern White Cedar	45	Pole/Log	10	150

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Full	Variable	Sapling
Northern White Cedar	Medium	Variable	Pole
Balsam Fir	Medium	Variable	Pole

38 4130 - Aspen Sapling Well 5.7 22 Unspecified N/A Fossom Creek Hdwd, cut in 2001.

Canopy Species	% Cover	Size Class	DBH	Age
Yellow Birch	5	Sapling	2	22
Red Maple	15	Sapling	2	22
Quaking Aspen	80	Sapling	2	22

39 4130 - Aspen Sapling Well 83.6 32 Unspecified N/A cut in 1991

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	20	Sapling	3	32
Quaking Aspen	70	Sapling	3	32
White Spruce	2	Sapling	2	32
Yellow Birch	8	Sapling	3	32



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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40 6120 - Lowland Cedar Poletimber Poor 19.9 150 Unspecified N/A Black Creek RMZ

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	65	Pole/Log	8	150
Black Ash	35	Pole	5	

41 4115 - Y.Birch, Hemlock NH Sawtimber Well 81.1 76 111-140 N/A Sensenbrenner Hdwd cut in 2002.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	2	Log	12	
Basswood	5	Log	14	
Hemlock	30	Log	16	
Black Ash	8	Log	14	
Sugar Maple	15	Pole	8	
Red Maple	35	Pole/Log	10	76
Yellow Birch	5	Log	12	

Sub-Canopy Species	Density	Avg. Height	Size
Maple (spp.)	Full	Variable	Sapling
Yellow Birch	Full	Variable	Pole
Hemlock	Full	Variable	Pole
Ironwood	Full	10 - 20 feet	Sapling

42 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Well 93.7 150 171-200 N/A very wet ground.

Canopy Species	% Cover	Size Class	DBH	Age
White Spruce	10	Log	12	
Black Ash	5	Log	12	
Hemlock	20	Pole/Log	12	
Northern White Cedar	45	Pole/Log	10	150
Yellow Birch	5	Log	10	
Red Maple	10	Pole	7	
Balsam Fir	5	Pole	6	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Full	Variable	Sapling
Northern White Cedar	Medium	Variable	Pole
Balsam Fir	Medium	Variable	Pole

43 42390 - Mixed Non-Pine Upland Conifers Poletimber Well 87.8 113 141-170 N/A Ridges with wet drains throughout.

Canopy Species	% Cover	Size Class	DBH	Age
Yellow Birch	5	Pole	9	
Black Ash	5	Log	10	
Northern White Cedar	30	Pole/Log	10	
Red Maple	15	Pole	8	
Hemlock	40	Log	16	113
White Spruce	5	Log	12	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Full	Variable	Sapling
Hemlock	Medium	Variable	Pole
Balsam Fir	Low	Variable	Pole
Northern White Cedar	Medium	Variable	Pole



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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44 42380 - Non Pine Upland Conifer, Mixed Deciduous Poletimber Well 31.8 146 141-170 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Yellow Birch	3	Pole	6	
Hemlock	40	Log	16	146
Sugar Maple	5	Pole	7	87
Red Maple	26	Pole	6	
White Spruce	5	Log/Pole	10	
Black Cherry	2	Pole	7	
Northern White Cedar	19	Log	14	

Sub-Canopy Species	Density	Avg. Height	Size
Maple (spp.)	Full	Variable	Pole
Yellow Birch	Low	Variable	Pole

45 6119 - Mixed Lowland Deciduous Forest Poletimber Well 4.1 59 111-140 N/A wet ground

Canopy Species	% Cover	Size Class	DBH	Age
White Spruce	5	Pole	7	
Hemlock	5	Pole	8	
Black Ash	30	Pole	6	
Black Cherry	1	Pole	6	
Sugar Maple	10	Pole	6	
Red Maple	42	Pole	6	59
Basswood	5	Pole/Log	8	
Balsam Fir	2	Pole	6	

Sub-Canopy Species	Density	Avg. Height	Size
Ironwood	Full	10 - 20 feet	Tall Shrub
White Spruce	High	10 - 20 feet	Sapling
Black Ash	High	>20 feet	Sapling
Red Maple	Full	>20 feet	Sapling
American Elm	High	>20 feet	Sapling

47 4119 - Mixed Northern Hardwoods Poletimber Well 1.7 98 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Hemlock	10	Log	14	
Sugar Maple	20	Pole/Log	10	
Red Maple	50	Pole/Log	10	98
White Ash	8	Log	12	
Basswood	3	Log	10	
Quaking Aspen	5	Pole	7	50
Red Oak	2	Pole	10	
Yellow Birch	2	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	High	>20 feet	Sapling
American Elm	Low	>20 feet	Sapling
Yellow Birch	Full	Variable	Sapling
Hemlock	Low	Variable	Pole
Ironwood	Full	10 - 20 feet	Sapling
Maple (spp.)	Full	Variable	Sapling

May need to exclude small patches of heavy regen (aspen removed in the 70's and 80's). Areas where the aspen is larger should be clear cut to maintain future aspen.

48 4312 - Hemlock, Mixed Deciduous Poletimber Well 42.1 146 111-140 N/A Acq. in 1990's. Cut in 2025 with adj. hdwd.

Canopy Species	% Cover	Size Class	DBH	Age
Yellow Birch	5	Pole	6	
Hemlock	40	Log	14	146
Northern White Cedar	5	Pole	8	
Sugar Maple	15	Pole	5	
Black Ash	5	Pole	10	
Red Maple	30	Pole	5	65

Sub-Canopy Species	Density	Avg. Height	Size
Maple (spp.)	Full	Variable	Sapling
White Spruce	Medium	>20 feet	Sapling
Hemlock	Low	Variable	Pole
Balsam Fir	Medium	>20 feet	Sapling