



# Compartment Review Presentation

Baraga Forest Management Unit

Compartment 11055

Entry Year 2028

Acreage: 1,399

County: Houghton

Management Area: Houghton Hardwoods

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**Stand Examiner:** Fred Hansen

**Legal Description:**

Elm River Township  
T52N, R36W, Sections 23, 27, 28, 29 and 30

**Identified Planning Goals:**

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

**Soil and topography:**

The topography is level to rolling. Upland soils are: Graveraet loam, Liminga fine sand, Halfaday-AuGras sands, Munising loamy fine sand, Kalkaska sand, Skanee-Gay complex (fine sandy loam and loamy sand). Wetland soils are: Lupton muck and Gay muck.

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

State land borders the compartment to the south of section 28. Several small parcels of private ownership border the compartment throughout where some of the owners have harvested timber from their parcels, but the majority of the private owners use their land as homes or for recreational purposes, this is primarily due to the fact that the town of Winona is adjacent to the compartment in section 29. The remainder of the bordering land is owned by several different land management companies with primary goals of timber management.

**Unique Natural Features:**

MNFI indicates the potential for Red Shouldered Hawk, Eagle, Osprey, Great Blue Heron rookery, Goshawk, Moose and Gray Wolf in the compartment. There is also potential herbaceous species such as American shore grass, lakecress, Farwell's water-milfoil, alternate leaved water-milfoil and starwort in the lake. Loons have been observed in Lake Roland along with Eagles.

**Archeological, Historical, and Cultural Features:**

There are some old mine shafts in the compartment. The "Military Road" connecting Fort Wilkins with Fort Howard (Green Bay) crossed this compartment.

**Special Management Designations or Considerations:**

BMP guidelines should be followed around the intermittent streams which are all tributaries leading into lake Roland and surrounding smaller lakes.

**Watershed and Fisheries Considerations:**

This compartment contains Red Creek and Sleepy Creek, which are designated trout streams. It also contains three unnamed designated trout streams. Bob Hall Lake, an unnamed lake, and six pond/wetland areas are also in the compartment. Maintain the riparian buffers to the high bank of the valley wall for the rivers/streams located in stand 7, 5, 6, and 44. Implement and maintain a riparian buffer to the high bank of the valley wall on the unnamed trout stream located in stand 45. Implement a 300 ft buffer in stand 18 to discourage aspen regeneration and reduce beaver activity on the unnamed designated trout stream in stand 14. Maintain the buffers that have been implemented around the lakes/wetlands in the compartment.

**Wildlife Habitat Considerations:**

Managing habitat for; black bear, blackburnian warbler, pileated woodpecker, ruffed grouse, northern goshawk and American marten should be considered when planning harvest specifications in this this compartment. There is also a deer wintering complex in this compartment.

**Mineral Resource and Development Concerns and/or Restrictions**

Surface sediments consist of coarsetextured glacial till and glacial outwash sand & gravel and postglacial alluvium. There is insufficient data to determine the glacial drift thickness. The Precambrian Jacobsville Sandstone and the Portage Lake Volcanics subcrop below the glacial drift. The Jacobsville was previously used as a building stone and the Portage Lake has been mined for copper in this area. A gravel pit is located in Section 29 and potential appears to be good. Abandoned

copper mines and crushed basalt piles are located in the Compartment. This area was previously leased for metallic development. There is no economic oil and gas production in the UP.

**Vehicle Access:**

M-26 is a state highway which runs through the compartment, Emily Lake Road is a county road which borders state land in Section 27, the Winona Tower road accesses state land in section 29, there is access to section 30 off the Winona road in section 30 and section 23 may be accessed of the Twin Lakes. There is access throughout the compartment through numerous logging roads.

**Survey Needs:**

None identified at this time, will be addressed as needed in the future.

**Recreational Facilities and Opportunities:**

The former Copper Range Railroad – now the Bill Nichols trail, crosses the compartment. The snowmobile trail from Winona to Alston also crosses part of the compartment. The large expanse of continuous forest offers excellent opportunities for large and small game hunting. There are good fishing opportunities in the surrounding area as Lakes Roland, Gerald, Bob Hall and an Un-named lake are very close as well as there tributaries and Sleepy Creek.

**Fire Protection:**

This compartment has little to no potential for a large fire with the primary cover type being northern hardwoods. Its proximity to the Twin Lakes field office will also help to keep fires small.

**Additional Compartment Information:**

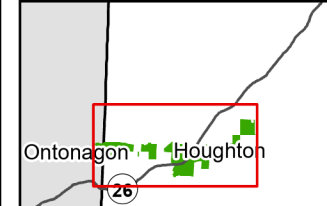
**The following reports from the Inventory are attached:**

- 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**

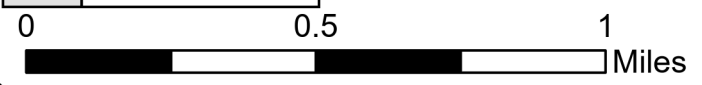
**The following information is displayed, where pertinent, on the attached compartment maps:**

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

**Cover Type & Treatments Map**



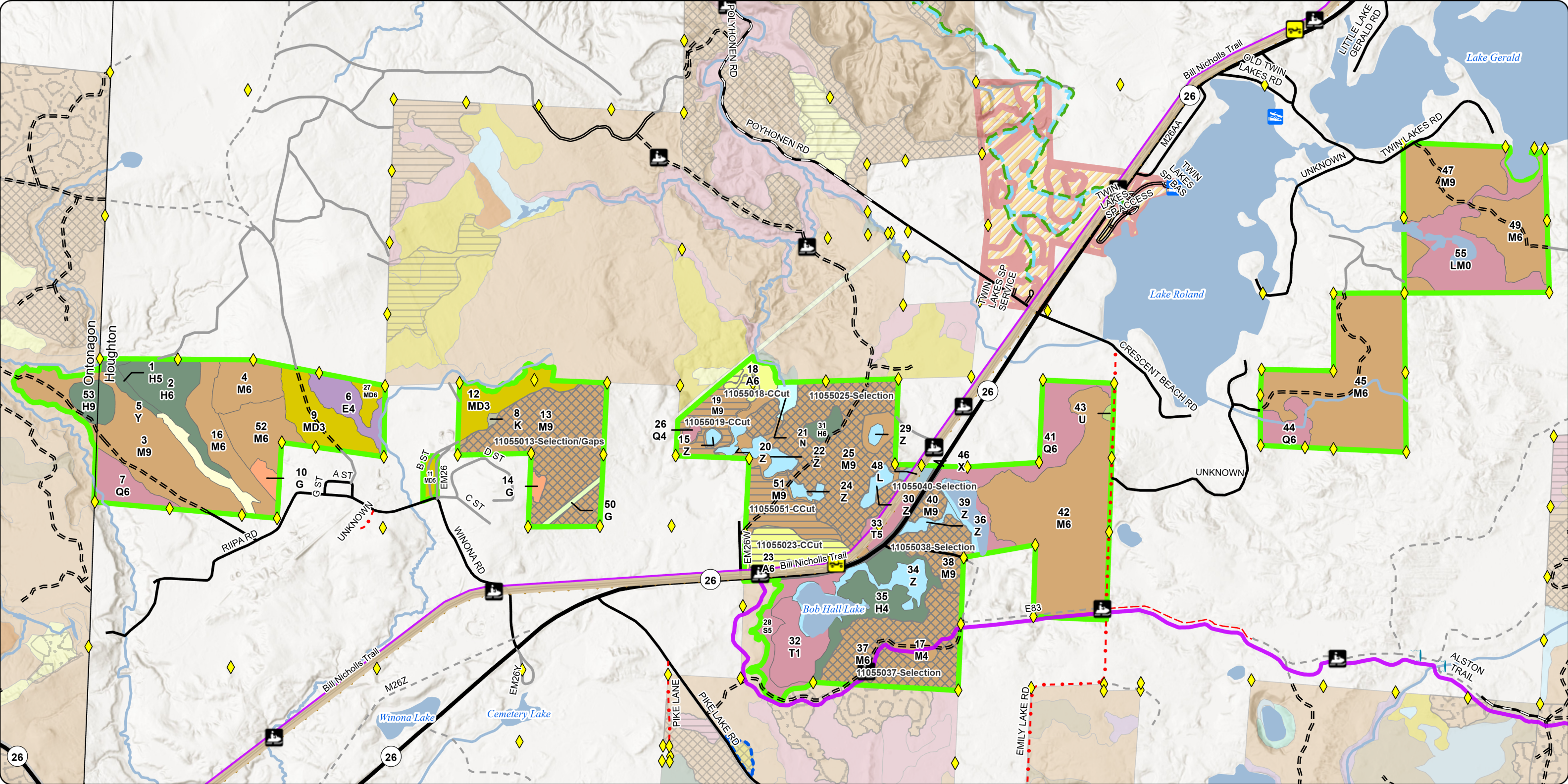
Compartment: 11055  
 T52N, R36W, Sec: 19-24, 26-30  
 County: Houghton  
 Unit: Baraga  
 Mgmt. Area: Houghton Hardwoods  
 YOE: 2028  
 Acres: 1,399 GIS Calculated  
 Examiner: Fred Hansen  
 Date Exported: 04/24/2026  
 Map Phase: Web Post



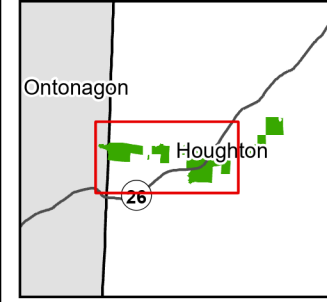
- Survey Grade Corners
- Culvert
- Boating Access Site
- Designated Hiking Pathway
- Designated Ski Trails
- Designated Snowshoe Trails
- Designated ORV Routes
- Designated Snowmobile
- Railtrail
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Paved Road
- Private - Dirt / Gravel Road
- Streams
- Lakes and Rivers

- Compartment Boundary
- Treatments with Site Conditions
- Clearcut
- Selection
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Decidous
- 423 - Other Upland Conifers
- 500 - Water
- 611 - Lowland Deciduous Forest

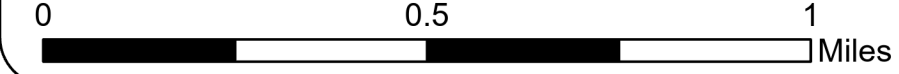
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Road/Parking Lot
- 222 - Orchards/Vineyard/Nursery
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 710 - Sand, Soil
- 720 - Exposed Rock



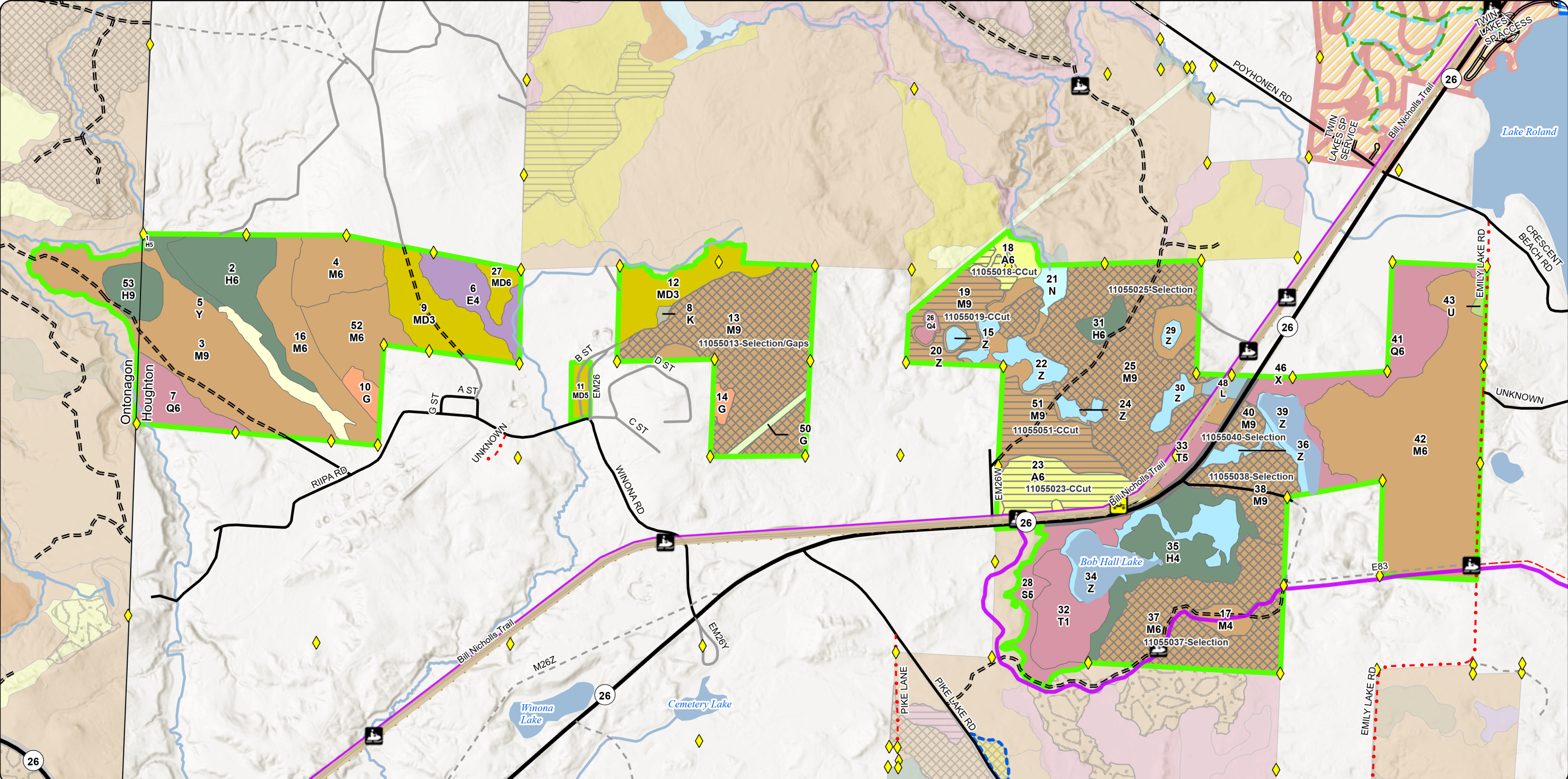
# Cover Type & Treatments Map



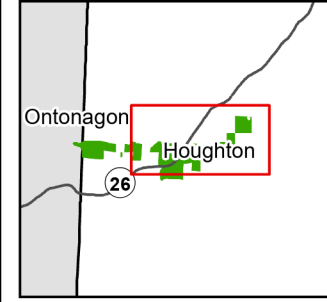
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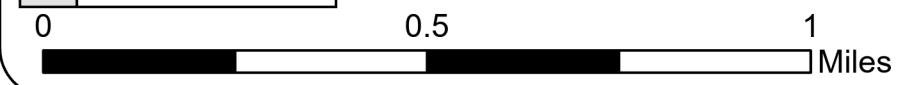
- |   |   |   |   |
|---|---|---|---|
| <ul style="list-style-type: none"> <li><span style="color: yellow;">◆</span> Survey Grade Corners</li> <li><span style="color: blue;">▬</span> Boating Access Site</li> <li><span style="color: green;">- - -</span> Designated Hiking Pathway</li> <li><span style="color: cyan;">- - -</span> Designated Ski Trails</li> <li><span style="color: orange;">◊ ◊</span> Designated Snowshoe Trails</li> <li><span style="color: red;">- - -</span> Designated ORV Routes</li> <li><span style="color: purple;">▬</span> Designated Snowmobile</li> <li><span style="color: brown;">▬</span> Railtrail</li> <li><span style="color: black;">▬</span> DNR - Primary Forest Road</li> <li><span style="color: black;">▬</span> DNR - Secondary Forest Road</li> </ul> | <ul style="list-style-type: none"> <li><span style="color: black;">= = =</span> DNR - Forest Access Route</li> <li><span style="color: black;">▬</span> Federal / State Highway</li> <li><span style="color: black;">▬</span> Federal / State / County - Paved Road</li> <li><span style="color: red;">- . - .</span> County - Gravel Road</li> <li><span style="color: red;">- - -</span> County - Dirt Road (Seasonal)</li> <li><span style="color: grey;">▬</span> Private - Paved Road</li> <li><span style="color: grey;">- - -</span> Private - Dirt / Gravel Road</li> <li><span style="color: blue;">▬</span> Streams</li> <li><span style="color: blue;">▬</span> Lakes and Rivers</li> <li><span style="color: green;">▬</span> Compartment Boundary</li> </ul> | <ul style="list-style-type: none"> <li><span style="color: blue;">▭</span> Treatments with Site Conditions</li> <li><span style="color: white;">▭</span> Clearcut</li> <li><span style="color: grey;">▭</span> Selection</li> <li><span style="color: brown;">▭</span> 411 - Northern Hardwood</li> <li><span style="color: yellow;">▭</span> 413 - Aspen</li> <li><span style="color: orange;">▭</span> 419 - Mixed Upland Deciduous</li> <li><span style="color: green;">▭</span> 423 - Other Upland Conifers</li> <li><span style="color: lightblue;">▭</span> 500 - Water</li> <li><span style="color: purple;">▭</span> 611 - Lowland Deciduous Forest</li> <li><span style="color: pink;">▭</span> 612 - Lowland Coniferous Forest</li> </ul> | <ul style="list-style-type: none"> <li><span style="color: grey;">▭</span> 122 - Road/Parking Lot</li> <li><span style="color: orange;">▭</span> 222 - Orchards/Vineyard/Nursery</li> <li><span style="color: lightgreen;">▭</span> 310 - Herbaceous Openland</li> <li><span style="color: green;">▭</span> 320 - Upland Shrub</li> <li><span style="color: blue;">▭</span> 622 - Lowland Shrub</li> <li><span style="color: cyan;">▭</span> 623 - Emergent Wetland</li> <li><span style="color: yellow;">▭</span> 710 - Sand, Soil</li> <li><span style="color: brown;">▭</span> 720 - Exposed Rock</li> </ul> |
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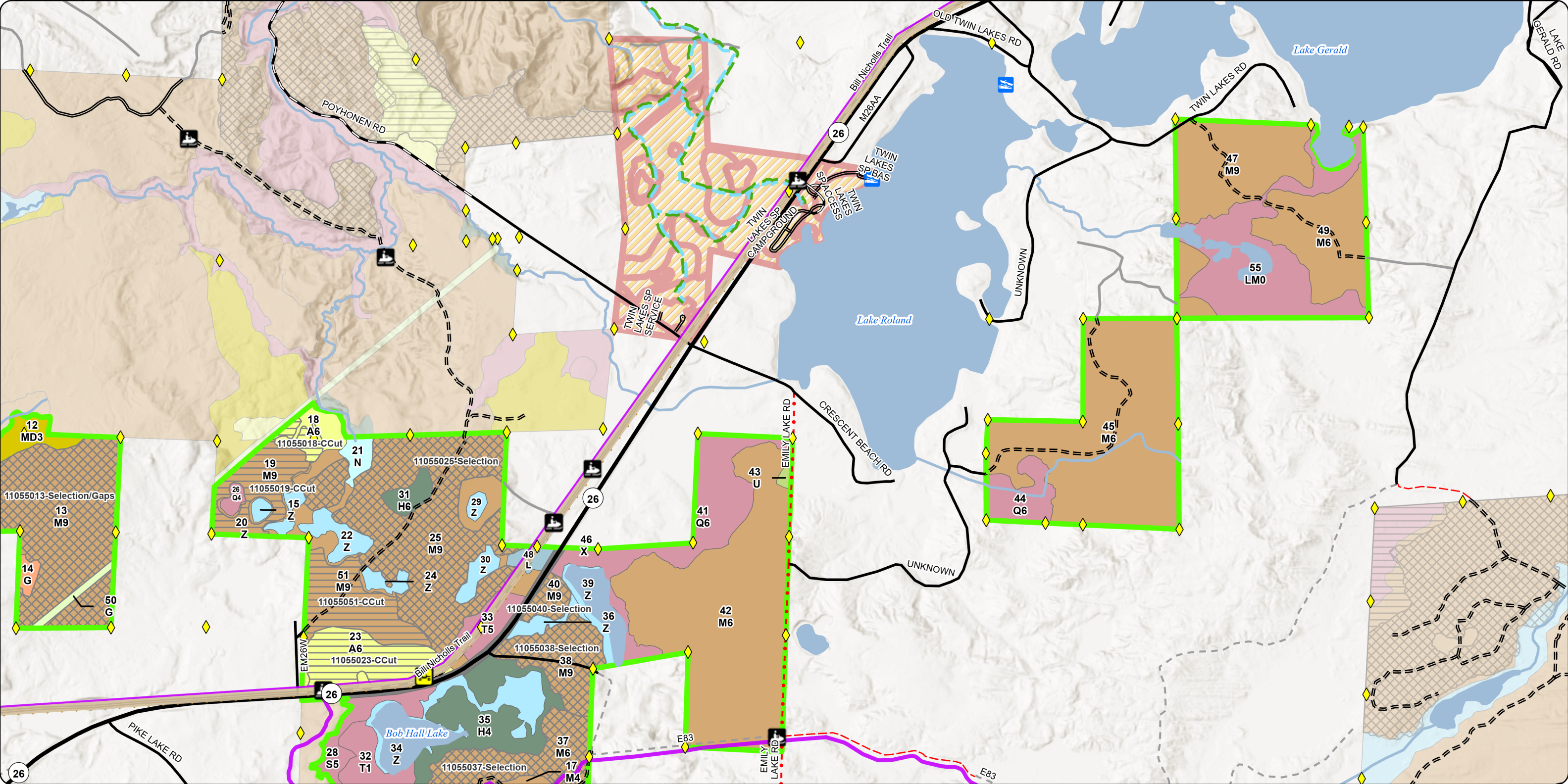


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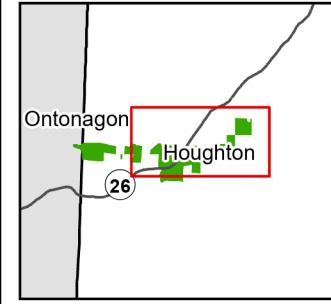
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# Stand Boundary Map



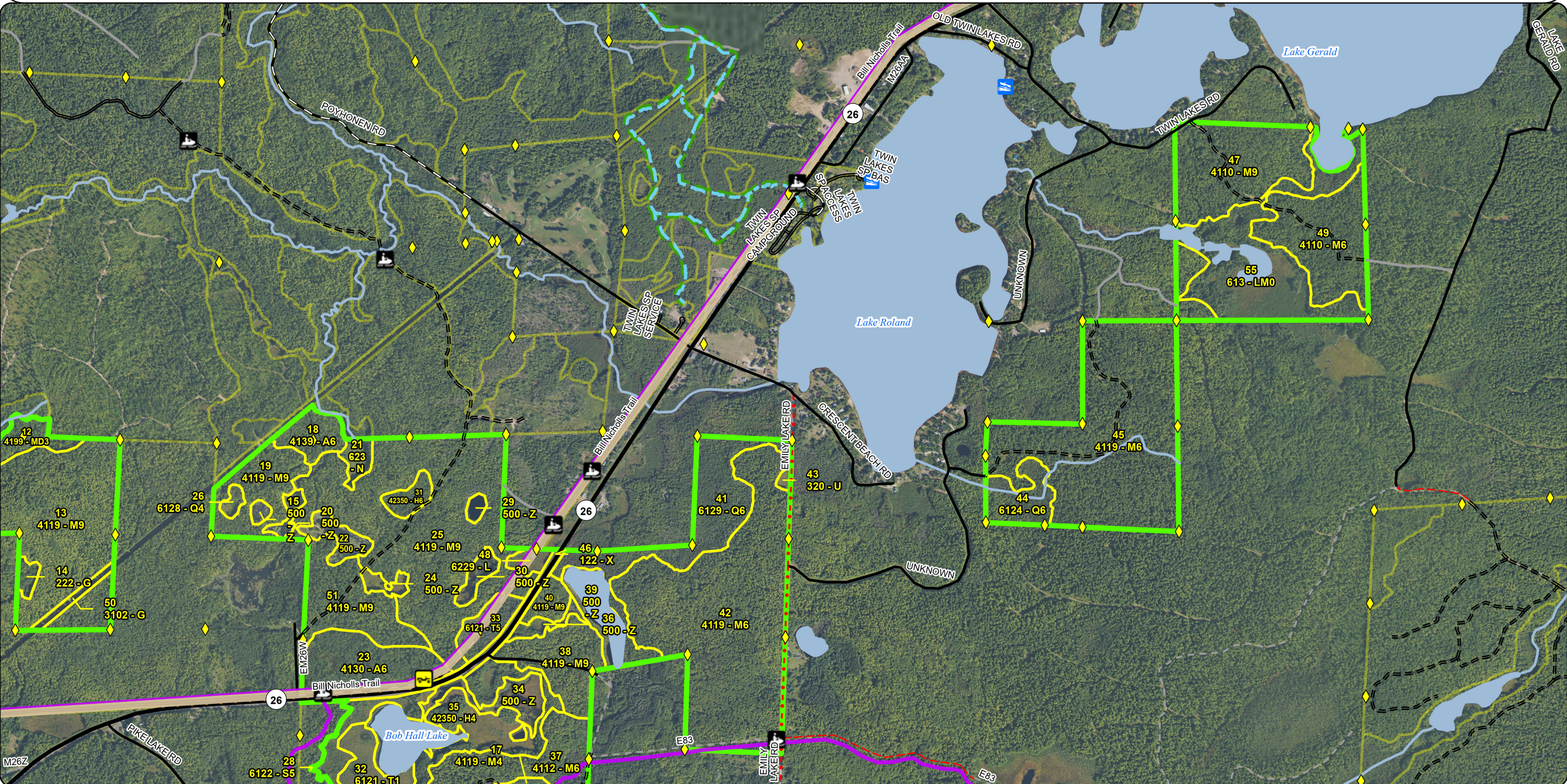
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- Compartment Stand Yellow Outline (PD)

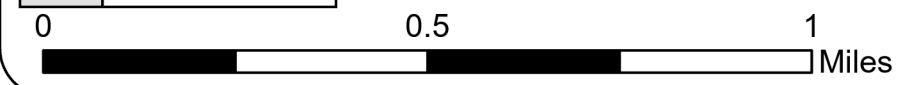
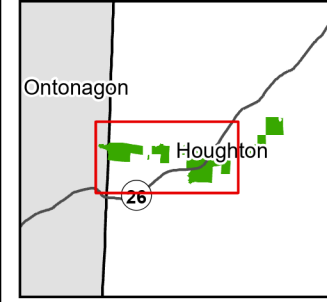
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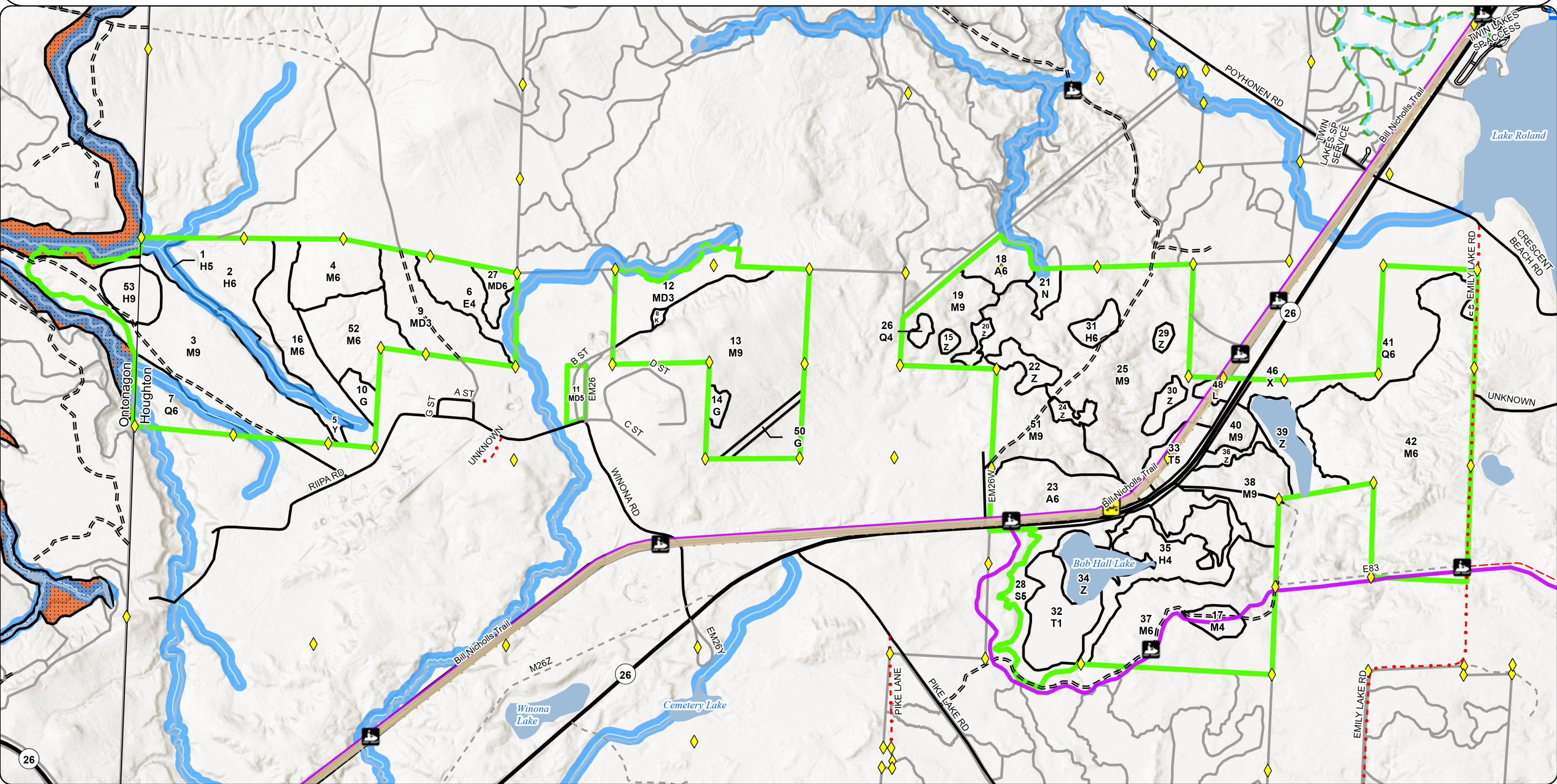


# Special Conservation Areas & Site Conditions Map

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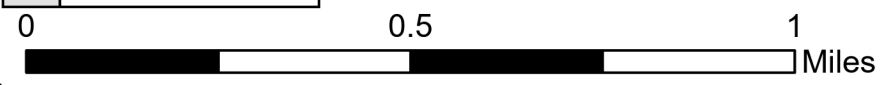
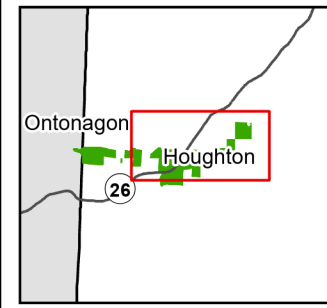


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- SCA
- Cold Water Streams
- High Priority Trout Stream Buffer
- Trail - Trail Corridor
- Other Habitat Area

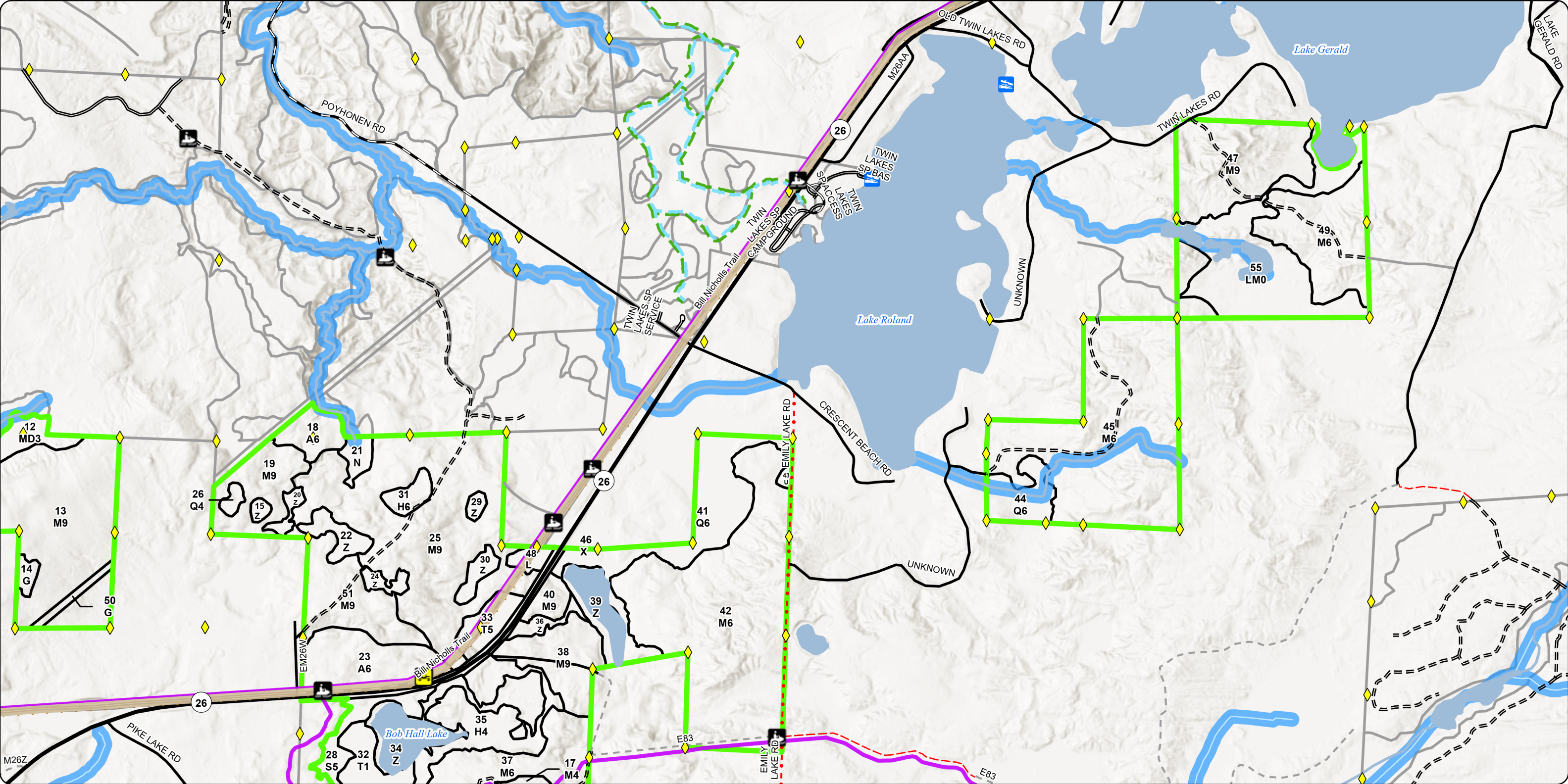


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Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	0	0	0	0	0	41	0	0	0	0	0	0	0	0	0	0	0	41
Cropland	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Exposed Rock	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Hemlock	0	0	0	0	0	0	0	0	38	0	0	0	0	0	0	0	0	53	91
Herbaceous Openland	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Lowland Conifers	0	0	0	0	0	0	0	43	0	0	15	0	0	0	0	0	0	21	78
Lowland Deciduous	0	0	0	0	0	0	0	0	0	19	0	0	0	0	0	0	0	0	19
Lowland Mixed Forest	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61
Lowland Shrub	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Lowland Spruce/Fir	0	0	0	0	0	0	0	18	0	0	0	0	0	0	0	0	0	0	18
Marsh	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Mixed Upland Deciduous	0	56	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	6	67
Northern Hardwood	0	0	0	0	0	0	0	35	0	0	0	0	0	0	0	0	0	844	879
Sand, Soil	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Tamarack	0	0	0	0	0	0	25	0	10	0	0	0	0	0	0	0	0	0	35
Upland Shrub	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Urban	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Water	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	67
<b>Total</b>	<b>172</b>	<b>56</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>71</b>	<b>96</b>	<b>48</b>	<b>19</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>924</b>	<b>1400</b>



## Report 2 – Treatment Summary

Baraga Mgt. Unit  
Year of Entry: 2028

Acres of Harvest

Compartment 55  
Total Compartment Acres: 1,399

Commercial Harvest - 744  
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	32	0	0	0	0	0	0	0	0	32
Northern Hardwood	49	292	0	0	0	0	0	0	0	341
<b>Total</b>	<b>81</b>	<b>292</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>373</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	373	0	0	0	0	0	0	0	0	373
Next Step	0	0	0	0	0	373	0	0	0	373
<b>Total</b>	<b>373</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>373</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>746</b>



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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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**Proposed Treatments:**

<b>13</b>	<b>11055013- Selection/Gaps</b>	90.3	4119 - Mixed Northern Hardwoods	9	101	111- 140	Harvest	Selection	4119 - Mixed Northern Hardwoods	Current	No
<p><u>Prescription</u> Selectively thin hardwoods to a target of 70 square feet of basal area. Favor leaving red oak and white pine and do not harvest hemlock or cedar where/if present. Red oak should be released on 3 sides to an average basal area of 60 sq ft. Where 30 sq ft o</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Intermediate)</p> <p><u>Treatments:</u></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><u>Proposed Start Date:</u> 10/01/2027</p>											
<b>18</b>	<b>11055018- CCut</b>	4.4	4139 - Aspen, Mixed Deciduous	6	51	81-110	Harvest	Clearcut	4139 - Aspen, Mixed Deciduous	Planting Record	No
<p><u>Prescription</u> Harvest all species down to 4.6" DBH except hemlock, cedar, white pine and unmarked oak. Oak may be marked to cut where BA of oak is higher than 20 sq ft. Also, reserve all trees 22" DBH and larger, if present. Buffer east side of road to protect creek p</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></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 and excluded drainages.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2027</p>											
<b>19</b>	<b>11055019- CCut</b>	20.9	4119 - Mixed Northern Hardwoods	9	84	81-110	Harvest	Clearcut	4199 - Other Mixed Upland Deciduous	Cutting Record	No
<p><u>Prescription</u> Harvest all species down to 4.6" DBH except hemlock, cedar, white pine and unmarked oak. Oak may be marked to cut where BA of oak is higher than 20 sq ft. Also, reserve all trees 22" DBH and larger, if present.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></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 and excluded areas between/around beaver floodings and drainages.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2027</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
<b>23 11055023-CCut</b>	27.3	4130 - Aspen	6	58	51-80	Harvest	Clearcut	4130 - Aspen	Planting Record	No
<p><u>Prescription</u> Harvest all species down to 4.6" DBH except hemlock, cedar, white pine and unmarked oak. Oak may be marked to cut where BA of oak is higher than 20 sq ft. Also, reserve all trees 22" DBH and larger, if present. Add Snowmobile Spec.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Any combination of the original stand's 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 And excluded area between Bill Nichols Trail and M-26 highway.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2027</p>										
<b>25 11055025-Selection</b>	102.6	4119 - Mixed Northern Hardwoods	9	106	81-110	Harvest	Selection	411 - Northern Hardwood	Current	No
<p><u>Prescription</u> Selectively thin hardwoods to 70-90 square feet of basal area. Favor to leave: red oak, hemlock, white pine and cedar, where present. Red oak should be released on 3 sides to an average basal area of 60 sqft. Where 30 sqft or more of hemlock occurs thi</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Any combination of the original stand's 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><u>Proposed Start Date:</u> 10/01/2027</p>										
<b>37 11055037-Selection</b>	67.8	4112 - Maple, Beech, Cherry Association	6	104	81-110	Harvest	Selection	411 - Northern Hardwood	Current	No
<p><u>Prescription</u> Selectively thin hardwoods to 70-90 square feet of basal area. Favor to leave: red oak, hemlock, white pine and cedar, where present. Red oak should be released on 3 sides to an average basal area of 60 sqft. Where 30 sqft or more of hemlock occurs thi</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></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><u>Proposed Start Date:</u> 10/01/2027</p>										
<b>38 11055038-Selection</b>	25.3	4119 - Mixed Northern Hardwoods	9	100	111-140	Harvest	Selection	411 - Northern Hardwood	Current	No
<p><u>Prescription</u> Selectively thin hardwoods to 70-90 square feet of basal area. Favor to leave: red oak, hemlock, white pine and cedar, where present. Red oak should be released on 3 sides to an average basal area of 60 sqft. Where 30 sqft or more of hemlock occurs thi</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Any combination of the original stand's 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><u>Proposed Start Date:</u> 10/01/2027</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
<b>40 11055040-Selection</b>	6.3	4119 - Mixed Northern Hardwoods	9	100	111-140	Harvest	Selection	411 - Northern Hardwood	Current	No
<p><u>Prescription</u> Selectively thin hardwoods to 70-90 square feet of basal area. Favor to leave: red oak, hemlock, white pine and cedar, where present. Red oak should be released on 3 sides to an average basal area of 60 sqft. Where 30 sqft or more of hemlock occurs thi</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Any combination of the original stand's over story species prior to harvest.</p> <p><u>Regen:</u></p> <p><u>Other</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>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2027</p>										
<b>51 11055051-CCut</b>	28.0	4119 - Mixed Northern Hardwoods	9	106	81-110	Harvest	Clearcut	4319 - Mixed Upland Forest	Cutting Record	No
<p><u>Prescription</u> Harvest all species down to 4.6 inches DBH except hemlock, cedar and white pine and un-marked oak. Oak may be marked to cut where</p> <p><u>Specs:</u> BA of oak is higher than 20 BA. Also reserve all trees 22 inches DBH and larger, if present. Add Snowmobile Spec.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Any combination of the original stand's over story species prior to harvest.</p> <p><u>Regen:</u></p> <p><u>Other</u> Retention for this stand will be greater than 3% and will consist of reserve tree species and excluded areas between/around beaver floodings and drainages.</p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2027</p>										

**Total Treatment 372.9**  
**Acreage Proposed:**

## Report 4 – Site Conditions

Baraga Mgt. Unit  
Fred Hansen : Examiner

Compartment: 55  
Year of Entry: 2028



### Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions				
		With Condition	Not Available		1B	2A	2G	3J	5E
5	0	0	5	Aspen					5
8	8	0	0	Cropland					
1	1	0	0	Exposed Rock					
91	44	0	47	Hemlock			6	41	
3	3	0	0	Herbaceous Openland					
78	2	0	76	Lowland Conifers			57	19	
19	0	0	19	Lowland Deciduous			19		
61	61	0	0	Lowland Mixed Forest					
4	4	0	0	Lowland Shrub					
18	0	0	18	Lowland Spruce/Fir			3	14	
5	5	0	0	Marsh					
66	56	0	11	Mixed Upland Deciduous	5	6			
718	706	0	12	Northern Hardwood			7		6
10	0	0	10	Sand, Soil				10	
34	0	0	34	Tamarack			10	24	
1	1	0	0	Upland Shrub					
12	12	0	0	Urban					
67	35	0	32	Water				32	
1,200	937		263	Total Forested Acres	5	6	102	140	10
	78%		22%	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	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	2A: Adjacent landowner denied access	6	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
2026: Was part of Rookery Oak, but never cut. Landowner denied access.							

## Report 4 – Site Conditions

Baraga Mgt. Unit  
Fred Hansen : Examiner

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2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	14	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
4	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	19	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
6	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	16	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Rehabilitated Superfund site. Stamp sand was covered by soil							
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	19	3L: Other wildlife concerns	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Baraga Mgt. Unit  
Fred Hansen : Examiner

Compartment: 55  
Year of Entry: 2028



8	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	102	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
9	Unavailable	5E: Long-Term Retention	14	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	43	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
11	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
12	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	4	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
13	Unavailable	1B: Non-DNR agency concerns (e.g. USFS)	5	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> archaeology site							

## Report 4 – Site Conditions

Baraga Mgt. Unit  
Fred Hansen : Examiner

Compartment: 55  
Year of Entry: 2028



14	<b>Unavailable</b>	<b>1C: Other Dept. or Div. process</b>	5	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Buffered for Fish Division.							
15	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	7	3J: Water quality/BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

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
<b>Comments</b>				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
1	42350 - Upland Hemlock	Poletimber Medium	6.0	79	81-110	N/A	2026: Intermittent drainage flowing into Red Creek to the north.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Balsam Fir		5	Pole	8		Hemlock	
Sugar Maple		5	Pole	7		Red Maple	
Red Maple		10	Pole	7		Balsam Fir	
Yellow Birch		10	Pole	8		Yellow Birch	
Quaking Aspen		5	Log/Pole	10		Density	
White Spruce		5	Log/Pole	10		Avg. Height	
Hemlock		50	Log	16	79	Size	
Northern White Cedar		10	Pole	8			
2	42350 - Upland Hemlock	Poletimber Well	31.9	79	81-110	N/A	2018: Hemlock stand. Old road bed through the north of the stand that comes from the west side of the creek.2026: Lots of drainages running west to Stand 1. Heavy hemlock understory.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Balsam Fir		5	Pole	8		Hemlock	
Sugar Maple		5	Pole	7		Yellow Birch	
Red Maple		10	Pole	7		Red Maple	
Yellow Birch		10	Pole	8		Balsam Fir	
Quaking Aspen		5	Log/Pole	10		Density	
White Spruce		5	Log/Pole	10		Avg. Height	
Hemlock		50	Log	16	79	Size	
Northern White Cedar		10	Pole	8			
3	4112 - Maple, Beech, Cherry Association	Sawtimber Well	79.3	105	81-110	N/A	2016: Quart Short Hdwd- cut in 1998, small patches of balsam and hemlock.2023: Harvested the winter of 2021-2022 Quart Short Hdwds
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Sugar Maple		40	Log/Pole	12		White Spruce	
Red Maple		45	Log/Pole	12	105	Hemlock	
Yellow Birch		5	Log	14		Red Maple	
Black Cherry		5	Log/Pole	12		Hemlock	
Hemlock		5	Log	16		Density	
						Avg. Height	
						Size	
4	4119 - Mixed Northern Hardwoods	Poletimber Well	23.3	105	81-110	N/A	2023: Some super canopy oak, some small balsam.Harvested the winter of 2021-2022 Quart Short Hdwds Had ash salvaged so BA is lower.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Red Maple		30	Pole	8	105	Red Maple	
Red Oak		30	Log	17	105	Sugar Maple	
Sugar Maple		25	Log/Pole	12		Yellow Birch	
Yellow Birch		5	Log	14		Balsam Fir	
Basswood		10	Log/Pole	10		Red Oak	
						White Ash	
						Ironwood	
						Density	
						Avg. Height	
						Size	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																						
5	710 - Sand, Soil	None	10.1			No	Capped (aprx 2008) stamp sand on either side of a creek.																																																						
6	6115 - Lowland Ash	Poletimber Poor	18.7	81	1-50	N/A	Flooded ash pocket																																																						
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Red Maple	5	Pole	6																																																										
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7	6124 - Lowland Spruce-Fir	Poletimber Well	18.6	74	Unspecified	N/A	2016: Gully with drainages. Very steep slopes.																																																						
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Hemlock	45	Pole	8		Hemlock	High	>20 feet	>20 feet																																																					
8	720 - Exposed Rock	None	0.8			No	Mine pits.																																																						
9	4199 - Other Mixed Upland Deciduous	Sapling Well	30.5	3	1-50	N/A	Cut winters 2021-2022, 2022-2023, and 2024-2025 Rookery Oak. 2016: some small hemlock																																																						
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					Hemlock	Medium	5 - 10 feet	5 - 10 feet																																																					
10	222 - Orchards/Vineyards/Nursery	None	5.0			No	2018: Some scattered apple trees. 2028: Converting to forested. Mostly apple trees																																																						
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12	4199 - Other Mixed Upland Deciduous	Sapling Well	25.0	2	1-50	N/A	Stand Cut winter 2022-2023 and 2024-2025 Rookery Oak.																																																																								
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13	4119 - Mixed Northern Hardwoods	Sawtimber Well	93.3	101	111-140	N/A	2006: Selection Harvest in 2000, Tucan Block.2016: A few elm, LOTS of ash regen. Scattered Oak2026: Large diameter ash has died, Top die back. Understory is heavy to 2-3" trees, mostly ash. There is a radio tower on the west side of this stand.																																																																								
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14	222 - Orchards/Vineyards/Nursery	None	2.9			No	Some scattered apple trees.																																																																								
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16	4119 - Mixed Northern Hardwoods	Poletimber Well	29.2	65	81-110	N/A	2026: Look to treat for 2038 with adjacent stands. Possible final harvest at that time. Poor quality hardwoods.																																																																								
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<b>18</b>	4139 - Aspen, Mixed Deciduous	Poletimber Well	10.9	51	81-110	N/A	2026: Buffer east side of road to protect creek per Fish division request																																																																					
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<b>19</b>	4119 - Mixed Northern Hardwoods	Sawtimber Well	23.2	84	81-110	N/A	2006: selection cut in 2000, Tucan Block.2016: aspen was removed, lots of aspen regen under the hdwd. Some areas of lower BA due to aspen removal.2026: Some die back.																																																																					
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<b>23</b>	4130 - Aspen	Poletimber Well	30.5	58	51-80	N/A	2016: cut in 1970 - scattered white pine																																																																					
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<b>25</b>	4119 - Mixed Northern Hardwoods	Sawtimber Well	119.4	106	81-110	N/A	2016: Cut in the winter of 2010-2011 as part of "Beaver Haven" 11-013-08-01Parts of the stand were under planted to white pine and hemlock by WLD in ~2012																																																										
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<b>26</b>	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Poor	2.2	84	1-50	N/A	2006: selection cut in 2000, Tucan Block.2016: aspen was removed, lots of aspen regen under the hdwd. Some areas of lower BA due to aspen removal.2026:" Beaver Flooding.																																																										
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<b>27</b>	4199 - Other Mixed Upland Deciduous	Poletimber Well	6.2	80	81-110	N/A	2025: Not treated with Rookery Oak b/c of no access. Access was denied. some small hemlock																																																										
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<b>28</b>	6122 - Black Spruce	Poletimber Medium	17.7	67	1-50	N/A	WET black spruce along edge of bog with some tag and tamarack.																																																										
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<b>31</b>	42350 - Upland Hemlock	Poletimber Well	5.6	106	51-80	N/A	2016: Cut in the winter of 2010-2011 as part of "Beaver Haven" 11-013-08-01 Parts of the stand were under planted to white pine and hemlock by WLD in ~2012																																																										
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<b>32</b>	6121 - Tamarack	Sapling Poor	25.2	58	1-50	N/A	Sparsely treed bog																																																										
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<b>33</b>	6121 - Tamarack	Poletimber Medium	9.8	75	1-50	N/A	Wet "ditch" along the Nichols grade T4 or T5 stand																																																										
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<b>35</b>	42350 - Upland Hemlock	Poletimber Poor	34.9	85		N/A																																																											
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
<b>37</b>	4112 - Maple, Beech, Cherry Association	Poletimber Well	67.8	104	81-110	N/A	Cut 1988 as Bob Hall Lake Hdwds 11-003-88-01North East part of stand was also thinned through in 1998 as part of Old Coot Hdwd 11-004-98-01Harvested in 2008, Skeeter Haven 11-014-08-01			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Basswood	5	Log/Pole	10		Balsam Fir	Low	10 - 20 feet	10 - 20 feet		
Sugar Maple	37	Pole/Log	8	104	Sugar Maple	Low	>20 feet	>20 feet		
Red Maple	45	Pole	8	104	Hemlock	Low	>20 feet	>20 feet		
Yellow Birch	5	Pole	7		Red Maple	Low	>20 feet	>20 feet		
Hemlock	3	Log	16		Yellow Birch	Low	>20 feet	>20 feet		
Red Oak	5	Log	16							
<b>38</b>	4119 - Mixed Northern Hardwoods	Sawtimber Well	25.3	100	111-140	N/A	Old coot Hdwd 1998 11-004-98-01 Hold to balance harvest acres in the compartment. Poor quality timber. Look to cut in 2028.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Sugar Maple	33	Log	11		Balsam Fir	Low	10 - 20 feet	10 - 20 feet		
Red Maple	40	Log/Pole	10	100	Hemlock	Low	>20 feet	>20 feet		
Yellow Birch	2	Log/Pole	10		Red Maple	Low	>20 feet	>20 feet		
Basswood	10	Log/Pole	10		Red Oak	Low	Variable	Variable		
Hemlock	5	Pole/Sap/Log	9		Sugar Maple	Medium	>20 feet	>20 feet		
Red Oak	8	Log	16		Yellow Birch	Low	>20 feet	>20 feet		
Black Ash	2	Pole/Log	9							
<b>39</b>	500 - Water	None	12.5			No				
<b>40</b>	4119 - Mixed Northern Hardwoods	Sawtimber Well	6.3	100	111-140	N/A	Old coot Hdwd 1998 11-004-98-01			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Sugar Maple	33	Log	11		Hemlock	Low	>20 feet	>20 feet		
Red Maple	40	Log/Pole	10	100	Red Oak	Low	Variable	Variable		
Yellow Birch	2	Log/Pole	10		Red Maple	Low	>20 feet	>20 feet		
Basswood	10	Log/Pole	10		Yellow Birch	Low	>20 feet	>20 feet		
Hemlock	5	Pole/Sap/Log	9		Balsam Fir	Low	10 - 20 feet	10 - 20 feet		
Red Oak	8	Log	16		Sugar Maple	Medium	>20 feet	>20 feet		
Black Ash	2	Pole/Log	9							
<b>41</b>	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	43.3	65	81-110	N/A	Very wet ground.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple	10	Pole	8		Tag Alder	Medium	5 - 10 feet	5 - 10 feet		
Balsam Fir	20	Pole/Log	5		White Spruce	Low	10 - 20 feet	10 - 20 feet		
White Spruce	20	Pole	5		Balsam Fir	Low	10 - 20 feet	10 - 20 feet		
Northern White Cedar	10	Pole	5							
Tamarack	30	Pole	8	65						
White Pine	5	XLog	18							
Black Ash	5	Pole	8							



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																												
<b>42</b>	4119 - Mixed Northern Hardwoods	Poletimber Well	132.6	103	81-110	N/A	Half Bass 11-005-98-01 Cut during the winter of 2019/20 as "Half Bass" by Lindsay Nettell Logging.																																																												
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<b>43</b>	320 - Upland Shrub	None	1.1			No																																																													
<b>44</b>	6124 - Lowland Spruce-Fir	Poletimber Well	14.5	96	51-80	N/A	Very wet ground.																																																												
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<b>45</b>	4119 - Mixed Northern Hardwoods	Poletimber Well	117.1	88	81-110	N/A	Roland Lake Block 11-001-99-01 Some pockets of good oak regen. Cut 2019-20 Roland Lake Block 11-019-18																																																												
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<b>46</b>	122 - Road/Parking Lot	None	11.6			No	M-26																																																												
<b>47</b>	4110 - Sugar Maple Association	Sawtimber Well	55.7	81	81-110	N/A	-Roland Lake Block 11-001-99-01. Cut 2019-20 Roland Lake Block 11-019-18																																																												
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<b>48</b>	6229 - Mixed Lowland Shrub	None	3.8			No	Cut in the winter of 2010-2011 as part of "Beaver Haven" 11-013-08-01 Parts of the stand were under planted to white pine and hemlock by WLD in ~2012																																																												



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																													
<b>49</b>	4110 - Sugar Maple Association	Poletimber Well	41.1	81	81-110	N/A	Roland Lake Block 11-001-99-01. Cut 2019-20 Roland Lake Block 11-019-18																																																													
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<b>50</b>	3102 - Grass	None	3.3		Unspecified	No	power line																																																													
<b>51</b>	4119 - Mixed Northern Hardwoods	Sawtimber Well	31.3	106	81-110	N/A	cut in the winter of 2010-2011 as part of "Beaver Haven" 11-013-08-01 Parts of the stand were under planted to white pine and hemlock by WLD in ~2012																																																													
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