



# Compartment Review Presentation

Baraga Forest Management Unit

Compartment 11053

Entry Year: 2027

Acreage: 936

County: Houghton

Management Area: Houghton Hardwoods

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**Stand Examiner:** Jason Mittlestat

**Legal Description:**

T52N R36W, Sections 34, and 35.

**Identified Planning Goals:**

Manage for high quality northern hardwoods. Expand mesic conifers within stands that are scheduled for treatment.

**Soil and topography:**

Soils are Munising loamy fine sand, Kalkaska sand, Halfaday sand, and Munising-Skanee complex. Topography is level to slightly rolling. The compartment is level to rolling topography. The only steep terrain is along Bruno Creek and the depression in the north part of the compartment.

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

This is part of a block of state forest land (to the east). The lands to the south, west and north are a mix of small private and forest industry. The land to the east of the campground is part of a plat. Land use is predominantly forest industry, although there are seasonal cottages and one permanent home in the surrounding area.

**Unique Natural Features:**

There is a deep depression in the northwest corner of section 35. Loon, Bald Eagle and Farwell's water-milfoil have been documented in the compartment.

Potential for osprey, wood turtle, great blue heron rookery, Frigga fritillary, Freija fritillary, red-shouldered hawk, goshawk, moose, and gray wolf.

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

**Special Management Designations or Considerations:**

**Watershed and Fisheries Considerations:**

This compartment contains Lake Emily, three small unnamed lakes, Bruno Creek, and several unnamed designated trout streams. Maintain a buffer to the high bank of the valley wall along the unnamed designated trout stream that runs through stand 018. Maintain a buffer to the high bank of the valley wall along the unnamed designated trout stream that runs through stand 021. Maintain a buffer to the high bank of the valley wall along the unnamed designated trout stream that connects to Lake Emily and runs through stand 19 and 21.

**Wildlife Habitat Considerations:**

Loons are found on Emily Lake. Hard and soft mast in this compartment supports a good bear population. Mesic conifer regeneration is not impacted by deer browsing. Feature oak where present.

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

Surface sediments consist of coarse-textured glacial till. The glacial drift thickness varies between 100 and 400 feet. The Precambrian Jacobsville Sandstone subcrops below the glacial drift. The Jacobsville was previously used as a building stone. The nearest gravel pit is located one mile to the northwest and potential appears to be good. Abandoned copper mines and crushed basalt piles are located one mile to the northwest. This area was not previously leased for metallic development. There is no economic oil and gas production in the UP.

**Vehicle Access:**

Access in good in the west half of the compartment (via county roads). Access east is achieved from the Alston Trail Road (snowmobile trail 109) or from the winter road that borders the south of the compartment.

**Survey Needs:**

**Recreational Facilities and Opportunities:**

There is a state forest campground on Emily Lake. Snowmobile trail 109 is just north of the compartment boundary.

**Fire Protection:**

This is not a fire prone area.

**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: 11053  
T52N R36W, Sections 34-36.  
County: Houghton  
Unit: Baraga  
Mgmt. Area: Houghton Hardwoods  
YOE: 2027  
Acres: 936 GIS Calculated  
Examiner: Jason Mittlestat  
Date Exported: 09/15/2025  
Map Phase: Post Review



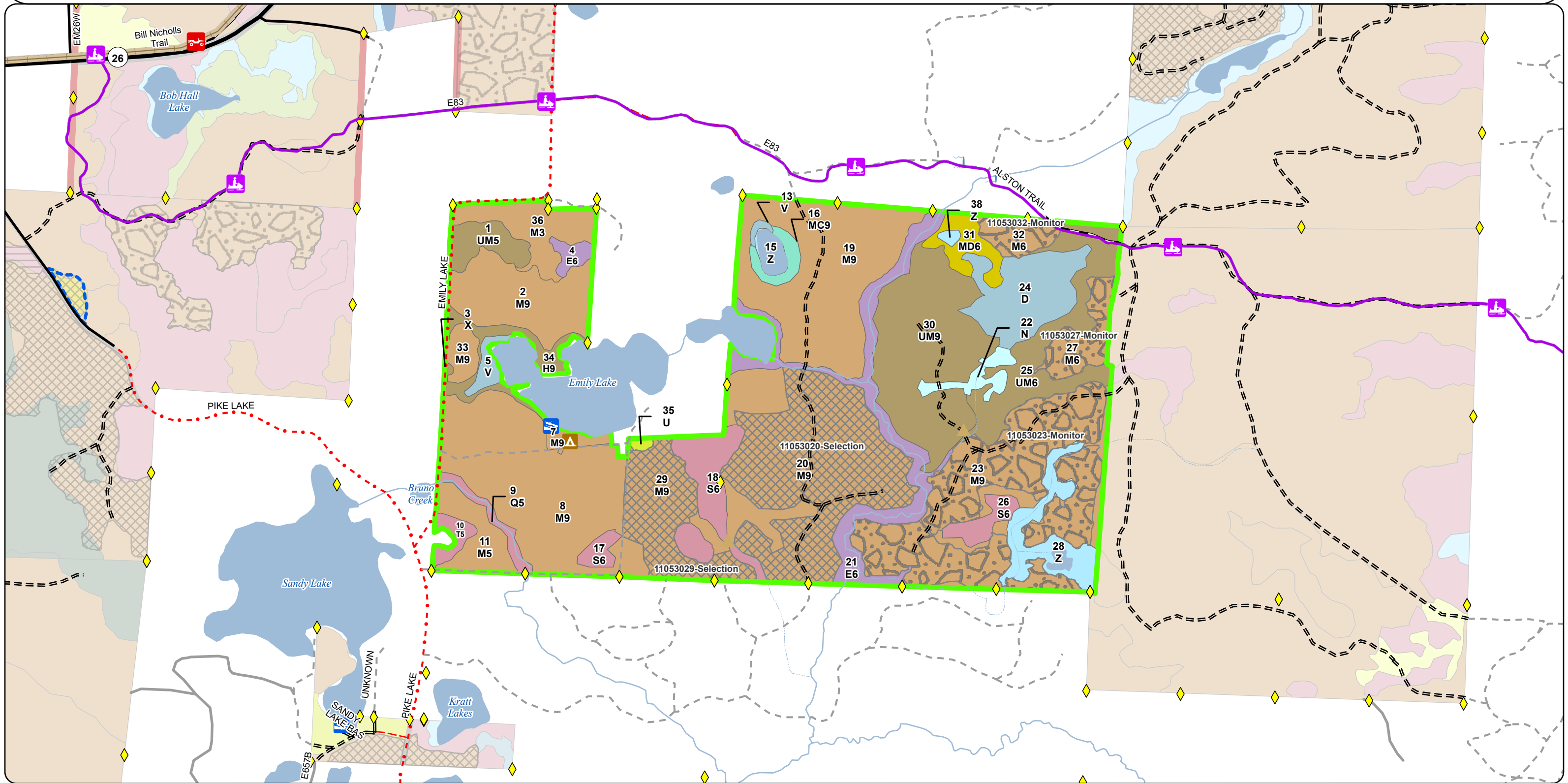
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- Survey Grade Corners
- Berms
- Boating Access Site
- Culvert
- Campground
- Designated ORV Routes
- Designated Snowmobile Trails
- DNR - Primary Forest Road

- 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
- Intermittent Stream

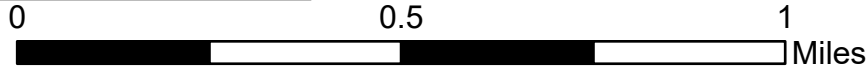
- Perennial River
- Lakes and Rivers
- Counties
- Compartment Boundary
- Selection
- Monitoring - Regeneration
- Treatments with Site Conditions
- 411 - Northern Hardwood
- 419 - Mixed Upland Deciduous

- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 500 - Water
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 122 - Road/Parking Lot
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 623 - Emergent Wetland



**Stand Boundary Map**

Compartment: 11053  
T52N R36W, Sections 34-36.  
County: Houghton  
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Mgmt. Area: Houghton Hardwoods  
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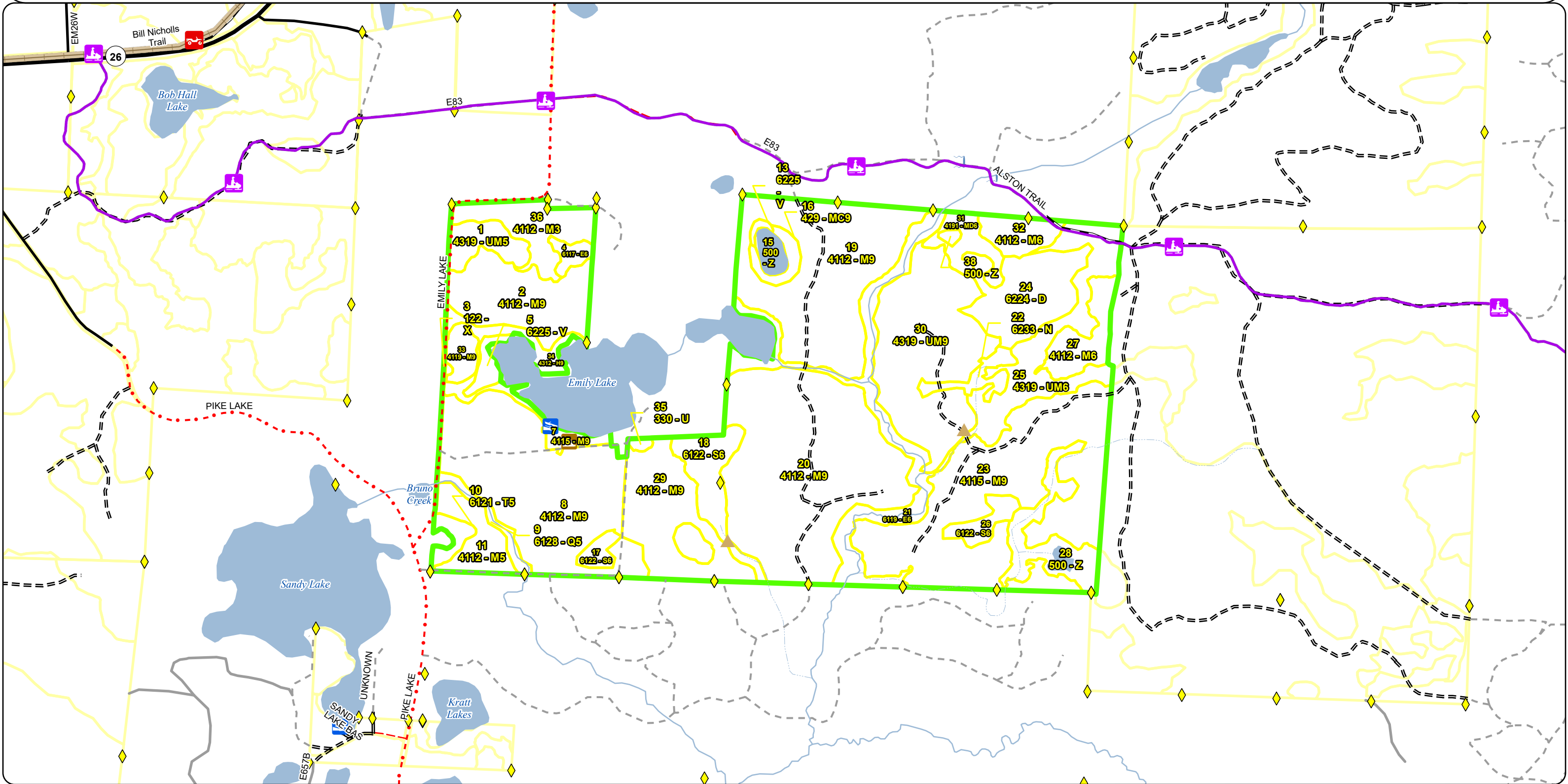


- Survey Grade Corners
- Berms
- Boating Access Site
- Culvert
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# Special Conservation Areas & Site Conditions Map

Compartment: 11053  
T52N R36W, Sections 34-36.  
County: Houghton  
Unit: Baraga  
Mgmt. Area: Houghton Hardwoods  
YOE: 2027  
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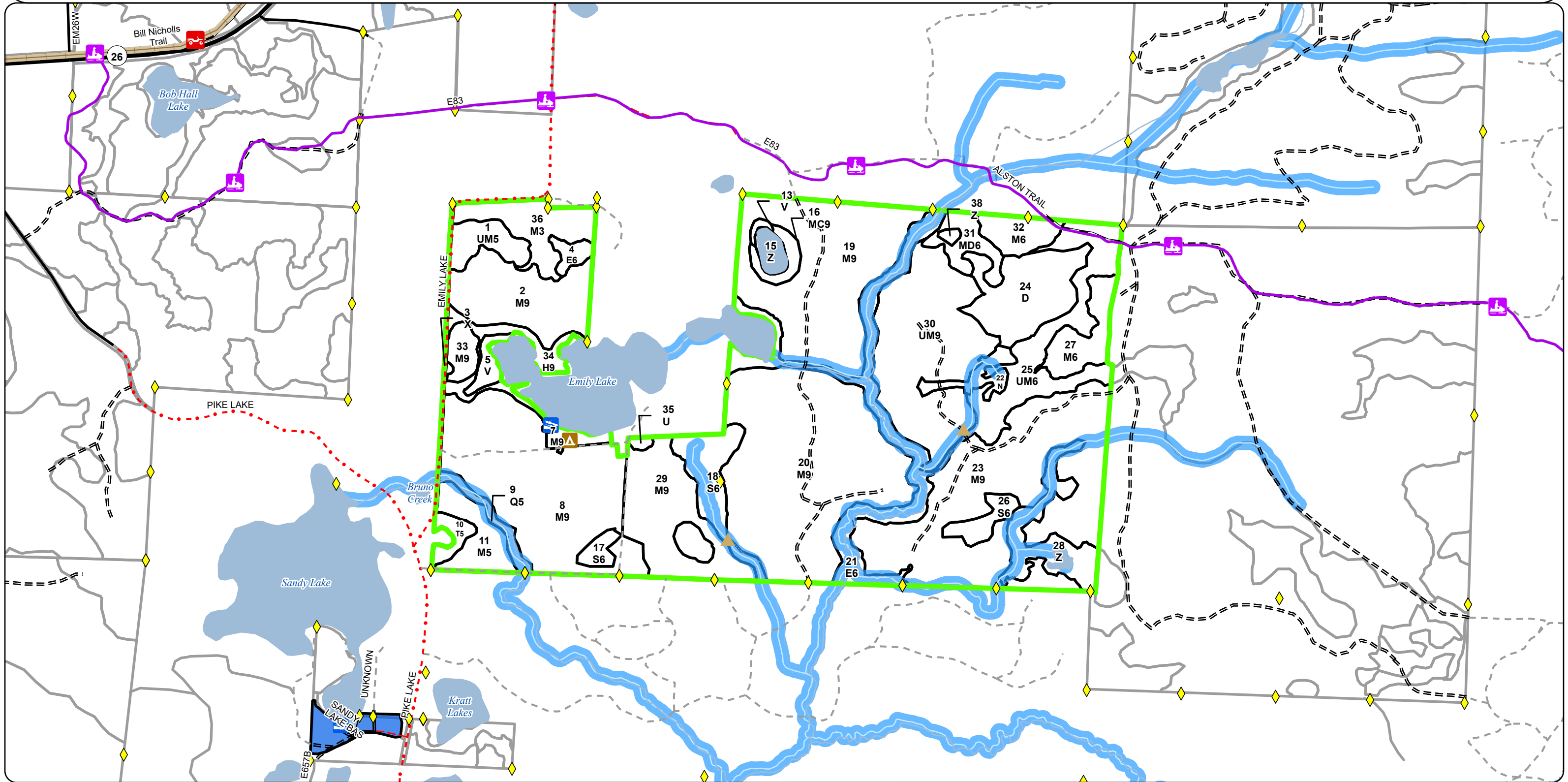
0 0.5 1 Miles

- Survey Grade Corners
- Berms
- Boating Access Site
- Culvert
- Campground
- Designated ORV Routes

- Designated Snowmobile Trails
- 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
- Intermittent Stream
- Perennial River
- Lakes and Rivers

- Counties
- Compartment Boundary
- Stand Boundaries
- SCA
- Cold Water Streams
- High Priority Trout Stream Buffer
- Boat Access Site



# Report 1 – Total Acres by Cover Type and Age Class



## Age Class

|                        | Non-Forest | 0-9       | 10-19    | 20-29    | 30-39    | 40-49    | 50-59    | 60-69    | 70-79    | 80-89     | 90-99    | 100-109  | 110-119   | 120-129  | 130-139  | 140-149  | 150+     | Uneven-Aged | Total      |
|------------------------|------------|-----------|----------|----------|----------|----------|----------|----------|----------|-----------|----------|----------|-----------|----------|----------|----------|----------|-------------|------------|
| Bog                    | 6          | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0           | 6          |
| Hemlock                | 0          | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 14          | 14         |
| Low-Density Trees      | 1          | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0           | 1          |
| Lowland Conifers       | 0          | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 6           | 6          |
| Lowland Deciduous      | 0          | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 48          | 48         |
| Lowland Spruce/Fir     | 0          | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 8         | 0        | 4        | 24        | 0        | 0        | 0        | 0        | 0           | 36         |
| Marsh                  | 8          | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0           | 8          |
| Mixed Upland Deciduous | 0          | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 11        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0           | 11         |
| Northern Hardwood      | 0          | 23        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 574         | 597        |
| Tamarack               | 0          | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 5        | 0        | 0        | 0        | 0           | 5          |
| Treed Bog              | 35         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0           | 35         |
| Upland Conifers        | 0          | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 6           | 6          |
| Upland Mixed Forest    | 0          | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 12        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 120         | 132        |
| Urban                  | 2          | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0           | 2          |
| Water                  | 29         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0           | 29         |
| <b>Total</b>           | <b>81</b>  | <b>23</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>31</b> | <b>0</b> | <b>4</b> | <b>24</b> | <b>5</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>768</b>  | <b>936</b> |



## Report 2 – Treatment Summary

Baraga Mgt. Unit  
Year of Entry: 2027

Acres of Harvest

Compartment 53  
Total Compartment Acres: 936

Commercial Harvest - 292  
Harvests with Site Condition - 0  
Next Step Harvest - 0  
Habitat Cut - 0

### Cover Type by Harvest Method

|                   |       | <div>ClearecutSelectionPatch ClearcutSeed TreeShelterwoodThinningOverstory RemovalSalvageOtherTotal Acres</div> |     |   |   |   |   |   |   |   |     |
|-------------------|-------|---|-----|---|---|---|---|---|---|---|-----|
| Northern Hardwood |       | 0   | 147 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 147 |
|                   | Total | 0   | 147 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 147 |

### Proposed and Next Step Treatments by Method

|           |       | <div>HarvestSite PrepPlantingSeedingBurningPesticideMonitoringOtherNon-Forest Mgt.Total Acres</div> |   |   |   |   |   |     |   |   |     |
|-----------|-------|---|---|---|---|---|---|-----|---|---|-----|
| Current   |       | 147   | 0 | 0 | 0 | 0 | 0 | 136 | 0 | 0 | 283 |
| Next Step |       | 0   | 0 | 0 | 0 | 0 | 0 | 147 | 0 | 0 | 147 |
|           | Total | 147   | 0 | 0 | 0 | 0 | 0 | 283 | 0 | 0 | 429 |



Standard

| Treatment Name | Acres | Stand CoverType | Size Density | Stand Age | BA Range | Treatment Type | Treatment Method | Cover Type Objective | Age Structure | Habitat Cut |
|----------------|-------|-----------------|--------------|-----------|----------|----------------|------------------|----------------------|---------------|-------------|
|----------------|-------|-----------------|--------------|-----------|----------|----------------|------------------|----------------------|---------------|-------------|

**Approved Treatments:**

|   |                           |       |   |   |     |         |            |                           |                                     |         |    |
|---|---------------------------|-------|---|---|-----|---------|------------|---------------------------|-------------------------------------|---------|----|
| <b>20</b>   | <b>11053020-Selection</b> | 106.5 | 4112 - Maple, Beech, Cherry Association | 9 | 119 | 111-140 | Harvest    | Selection                 | 411 - Northern Hardwood             | Current | No |
| <u>Prescription</u> Selectively thin hardwoods to 70-90 square feet of basal area. Favor leaving: red oak, hemlock, white pine and cedar, where present. Follow all<br><u>Specs:</u> guidelines set forth in "The Complete Marker".<br><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)<br><u>Treatments:</u><br><u>Acceptable</u> Any combination of the original stand's over story species prior to harvest.<br><u>Regen:</u><br><u>Other</u> WLSMU-Kris NaultThis compartment contains Lake Emily, three small unnamed lakes, and several unnamed designated trout streams.<br><u>Comment:</u> Maintain a buffer to the high bank of the valley wall along the unnamed designated trout stream that runs through stand 018. Ma<br><u>Site Condition:</u><br><u>Proposed Start Date:</u> 10/01/2026 |                           |       |   |   |     |         |            |                           |                                     |         |    |
| <b>23</b>   | <b>11053023-Monitor</b>   | 108.9 | 4115 - Y.Birch, Hemlock NH              | 9 | 119 | 81-110  | Monitoring | Monitoring - Regeneration | 4199 - Other Mixed Upland Deciduous | Current | No |
| <u>Prescription</u><br><u>Specs:</u><br><u>Next Step</u><br><u>Treatments:</u><br><u>Acceptable</u> Any tree species that are currently represented in the over story.<br><u>Regen:</u><br><u>Other</u> Percent to Treat = 100%<br><u>Comment:</u><br><u>Site Condition:</u><br><u>Proposed Start Date:</u> 10/01/2024  |                           |       |   |   |     |         |            |                           |                                     |         |    |
| <b>27</b>   | <b>11053027-Monitor</b>   | 16.0  | 4112 - Maple, Beech, Cherry Association | 6 | 119 | 81-110  | Monitoring | Monitoring - Regeneration | 4199 - Other Mixed Upland Deciduous | Current | No |
| <u>Prescription</u><br><u>Specs:</u><br><u>Next Step</u><br><u>Treatments:</u><br><u>Acceptable</u> Any tree species that are currently represented in the over story.<br><u>Regen:</u><br><u>Other</u> Percent to Treat = 100%<br><u>Comment:</u><br><u>Site Condition:</u><br><u>Proposed Start Date:</u> 10/01/2024  |                           |       |   |   |     |         |            |                           |                                     |         |    |





Standard

|  | Treatment Name     | Acres | Stand CoverType                         | Size Density | Stand Age | BA Range | Treatment Type | Treatment Method          | Cover Type Objective    | Age Structure | Habitat Cut |
|--|--------------------|-------|---|--------------|-----------|----------|----------------|---------------------------|-------------------------|---------------|-------------|
| 29   | 11053029-Selection | 40.0  | 4112 - Maple, Beech, Cherry Association | 9            | 81        | 111-140  | Harvest        | Selection                 | 411 - Northern Hardwood | Current       | No          |
| <u>Prescription Specs:</u> Selectively thin hardwoods to 70-90 square feet of basal area. Favor leaving: red oak, hemlock, white pine and cedar, where present. Follow all guidelines set forth in "The Complete Marker".  |                    |       |   |              |           |          |                |                           |                         |               |             |
| <u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)  |                    |       |   |              |           |          |                |                           |                         |               |             |
| <u>Acceptable Regen:</u> Any combination of the original stand's over story species prior to harvest.  |                    |       |   |              |           |          |                |                           |                         |               |             |
| <u>Other Comment:</u> WLSMU-Kris NaultThis compartment contains Lake Emily, three small unnamed lakes, and several unnamed designated trout streams. Maintain a buffer to the high bank of the valley wall along the unnamed designated trout stream that runs through stand 018. Ma |                    |       |   |              |           |          |                |                           |                         |               |             |
| <u>Site Condition:</u>   |                    |       |   |              |           |          |                |                           |                         |               |             |
| <u>Proposed Start Date:</u> 10/01/2026   |                    |       |   |              |           |          |                |                           |                         |               |             |
| 32   | 11053032-Monitor   | 11.4  | 4112 - Maple, Beech, Cherry Association | 6            | 81        | 81-110   | Monitoring     | Monitoring - Regeneration | 411 - Northern Hardwood | Current       | No          |
| <u>Prescription Specs:</u>   |                    |       |   |              |           |          |                |                           |                         |               |             |
| <u>Next Step Treatments:</u>   |                    |       |   |              |           |          |                |                           |                         |               |             |
| <u>Acceptable Regen:</u> Any tree species that are currently represented in the over story.  |                    |       |   |              |           |          |                |                           |                         |               |             |
| <u>Other Comment:</u> Percent to Treat = 100%  |                    |       |   |              |           |          |                |                           |                         |               |             |
| <u>Site Condition:</u>   |                    |       |   |              |           |          |                |                           |                         |               |             |
| <u>Proposed Start Date:</u> 10/01/2024   |                    |       |   |              |           |          |                |                           |                         |               |             |

Total Treatment Acreage Proposed: 282.8

# Report 4 – Site Conditions

Baraga Mgt. Unit

Jason Mittlestat: Examiner

Compartment: 53

Year of Entry: 2027



## Availability for Management

| Total Acres | Acres Available | Acres Available With Condition | Acres Not Available |
|-------------|-----------------|--------------------------------|---------------------|
|-------------|-----------------|--------------------------------|---------------------|

## Dominant Site Conditions

| 5C | 5F | 2G | 3D | 3J |
|----|----|----|----|----|
|----|----|----|----|----|

|     |     |    |     |                        |    |    |    |   |    |
|-----|-----|----|-----|------------------------|----|----|----|---|----|
| 6   | 6   | 0  | 0   | Bog                    |    |    |    |   |    |
| 14  | 0   | 0  | 14  | Hemlock                |    |    |    |   | 14 |
| 1   | 0   | 0  | 1   | Low-Density Trees      |    |    | 1  |   |    |
| 6   | 0   | 0  | 6   | Lowland Conifers       |    |    | 6  |   |    |
| 48  | 0   | 0  | 48  | Lowland Deciduous      |    |    | 4  |   | 44 |
| 36  | 0   | 12 | 24  | Lowland Spruce/Fir     | 12 |    | 24 |   |    |
| 8   | 8   | 0  | 0   | Marsh                  |    |    |    |   |    |
| 11  | 11  | 0  | 0   | Mixed Upland Deciduous |    |    |    |   |    |
| 517 | 506 | 0  | 11  | Northern Hardwood      |    |    |    | 5 | 6  |
| 5   | 0   | 0  | 5   | Tamarack               |    |    | 5  |   |    |
| 35  | 35  | 0  | 0   | Treed Bog              |    |    |    |   |    |
| 6   | 0   | 0  | 6   | Upland Conifers        |    |    |    |   | 6  |
| 131 | 89  | 42 | 0   | Upland Mixed Forest    |    | 42 |    |   |    |
| 2   | 2   | 0  | 0   | Urban                  |    |    |    |   |    |
| 29  | 29  | 0  | 0   | Water                  |    |    |    |   |    |
| 855 | 686 | 54 | 115 | Total Forested Acres   | 12 | 42 | 40 | 5 | 70 |
|     | 80% | 6% | 13% | Relative Percent       |    |    |    |   |    |

\*Due to limitations in the current Site Conditions Analysis tool, all nonforested acres are considered available. Future development will enable analysis of nonforested types.

| Site No.  | Dominant Site Cond | Availability | Dominant Site Condition                                       | Acres | Other Site Condition                            | Other Site Condition | Other Site Condition | Other Site Condition |
|-----------|--------------------|--------------|---|-------|---|----------------------|----------------------|----------------------|
| 1         | Unavailable        |              | 2G: Too wet (sensitive soils, does not include access issues) | 5     | 3J: Water quality/BMPs (stream, river, or lake) | Unspecified          | Unspecified          | Unspecified          |
| Comments: |                    |              |   |       |   |                      |                      |                      |
| 2         | Unavailable        |              | 3J: Water quality/BMPs (stream, river, or lake)               | 12    | 2F: Too steep                                   | Unspecified          | Unspecified          | Unspecified          |
| Comments: |                    |              |   |       |   |                      |                      |                      |

# Report 4 – Site Conditions

Baraga Mgt. Unit  
Jason Mittlestat: Examiner

Compartment: 53  
Year of Entry: 2027



|           |             |   |    |   |   |             |             |
|-----------|-------------|---|----|---|---|-------------|-------------|
| 3         | Unavailable | 2G: Too wet (sensitive soils, does not include access issues) | 24 | Unspecified   | Unspecified                                     | Unspecified | Unspecified |
| Comments: |             |   |    |   |   |             |             |
| 4         | Unavailable | 2G: Too wet (sensitive soils, does not include access issues) | 1  | Unspecified   | Unspecified                                     | Unspecified | Unspecified |
| Comments: |             |   |    |   |   |             |             |
| 5         | Unavailable | 3J: Water quality/BMPs (stream, river, or lake)               | 44 | 2G: Too wet (sensitive soils, does not include access issues) | 2F: Too steep                                   | Unspecified | Unspecified |
| Comments: |             |   |    |   |   |             |             |
| 6         | Unavailable | 2G: Too wet (sensitive soils, does not include access issues) | 6  | 2F: Too steep   | 3J: Water quality/BMPs (stream, river, or lake) | Unspecified | Unspecified |
| Comments: |             |   |    |   |   |             |             |
| 7         | Unavailable | 3J: Water quality/BMPs (stream, river, or lake)               | 14 | 2F: Too steep   | Unspecified                                     | Unspecified | Unspecified |
| Comments: |             |   |    |   |   |             |             |
| 9         | Unavailable | 2G: Too wet (sensitive soils, does not include access issues) | 4  | Unspecified   | Unspecified                                     | Unspecified | Unspecified |
| Comments: |             |   |    |   |   |             |             |

# Report 4 – Site Conditions

Baraga Mgt. Unit  
Jason Mittlestat: Examiner

Compartment: 53  
Year of Entry: 2027



|   |             |  |    |             |             |             |             |
|---|-------------|--|----|-------------|-------------|-------------|-------------|
| 10  | Unavailable | 3D: Recreational/scenic values   | 5  | Unspecified | Unspecified | Unspecified | Unspecified |
| <b>Comments:</b><br>Emily Lake Campground.  |             |  |    |             |             |             |             |
| 11  | Available   | 5C: Delay treatment for age/size class diversity or exceptional site quality | 4  | Unspecified | Unspecified | Unspecified | Unspecified |
| <b>Comments:</b>  |             |  |    |             |             |             |             |
| 12  | Available   | 5C: Delay treatment for age/size class diversity or exceptional site quality | 8  | Unspecified | Unspecified | Unspecified | Unspecified |
| <b>Comments:</b>  |             |  |    |             |             |             |             |
| 13  | Available   | 5F: Evaluated for Forest Health Considerations                               | 42 | Unspecified | Unspecified | Unspecified | Unspecified |
| <b>Comments:</b><br>Upon field check, spruce percentage was reduced to 25% cover. Hemlock was increased to 22%. |             |  |    |             |             |             |             |

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 |
|----------|--------------|-------------|----------------|-------|
| Comments |              |             |                |       |





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| Stand  | Level 4 Cover Type                      | Size Density  | Acres | Stand Age  | BA Range | Managed Site | General Comments   |
|--|---|---|-------|--|----------|--------------|--|
| 26   | 6122 - Black Spruce                     | Poletimber Well   | 7.6   | 88   | 111-140  | N/A          |  |
| <div><div><div>Canopy Species</div><div>% Cover</div><div>Size Class</div><div>DBH</div><div>Age</div></div><div><div>Black Spruce</div><div>90</div><div>Seedling</div><div>8</div><div>88</div></div><div><div>Tamarack</div><div>2</div><div></div><div>11</div><div></div></div><div><div>White Pine</div><div>8</div><div></div><div>11</div><div></div></div></div>  |   | <div><div><div>Sub-Canopy Species</div><div>Density</div><div>Avg. Height</div><div>Size</div></div><div><div>Black Spruce</div><div>Low</div><div>10 - 20 feet</div><div>10 - 20 feet</div></div><div><div>Hemlock</div><div>Low</div><div>&gt;20 feet</div><div>&gt;20 feet</div></div><div><div>Red Maple</div><div>Low</div><div>10 - 20 feet</div><div>10 - 20 feet</div></div></div>  |       |  |          |              |  |
| 27   | 4112 - Maple, Beech, Cherry Association | Poletimber Well   | 16.2  | 119  | 81-110   | N/A          | Cut in the winter of 22/23 and 23/24 by Lindsay Nettell Logging as part of 11-021-21 Maverick 21.  |
| <div><div><div>Canopy Species</div><div>% Cover</div><div>Size Class</div><div>DBH</div><div>Age</div></div><div><div>White Spruce</div><div>2</div><div></div><div>10</div><div></div></div><div><div>Hemlock</div><div>2</div><div></div><div>12</div><div></div></div><div><div>Sugar Maple</div><div>46</div><div>Seedling</div><div>9</div><div>119</div></div><div><div>Red Maple</div><div>40</div><div>Seedling</div><div>8</div><div>55</div></div><div><div>Yellow Birch</div><div>10</div><div>Seedling</div><div>6</div><div></div></div></div>  |   | <div><div><div>Sub-Canopy Species</div><div>Density</div><div>Avg. Height</div><div>Size</div></div><div><div>Hemlock</div><div>Low</div><div>&gt;20 feet</div><div>&gt;20 feet</div></div><div><div>Sugar Maple</div><div>Medium</div><div>10 - 20 feet</div><div>10 - 20 feet</div></div><div><div>Balsam Fir</div><div>Low</div><div>10 - 20 feet</div><div>10 - 20 feet</div></div></div>   |       |  |          |              |  |
| 28   | 500 - Water                             | None  | 22.6  |  |          | No           |  |
| 29   | 4112 - Maple, Beech, Cherry Association | Sawtimber Well  | 42.7  | 81   | 111-140  | N/A          | Cut in 2008.Emily Lake Hdwd.   |
| <div><div><div>Canopy Species</div><div>% Cover</div><div>Size Class</div><div>DBH</div><div>Age</div></div><div><div>White Pine</div><div>3</div><div></div><div>18</div><div></div></div><div><div>Black Cherry</div><div>2</div><div></div><div>8</div><div></div></div><div><div>Yellow Birch</div><div>2</div><div></div><div>8</div><div></div></div><div><div>Hemlock</div><div>5</div><div></div><div>14</div><div></div></div><div><div>Sugar Maple</div><div>60</div><div></div><div>14</div><div>81</div></div><div><div>Red Maple</div><div>28</div><div></div><div>14</div><div></div></div></div>  |   | <div><div><div>Sub-Canopy Species</div><div>Density</div><div>Avg. Height</div><div>Size</div></div><div><div>Sugar Maple</div><div>Full</div><div>10 - 20 feet</div><div>10 - 20 feet</div></div><div><div>Red Maple</div><div>Full</div><div>10 - 20 feet</div><div>10 - 20 feet</div></div><div><div>Yellow Birch</div><div>Medium</div><div>10 - 20 feet</div><div>10 - 20 feet</div></div><div><div>Ironwood</div><div>Full</div><div>10 - 20 feet</div><div>10 - 20 feet</div></div><div><div>Balsam Fir</div><div>Medium</div><div>10 - 20 feet</div><div>10 - 20 feet</div></div><div><div>Hemlock</div><div>Medium</div><div>10 - 20 feet</div><div>10 - 20 feet</div></div></div> |       | Looked at in summer 2024 and is ready for harvest. |          |              |  |
| 30   | 4319 - Mixed Upland Forest              | Sawtimber Well  | 77.0  | 119  | 81-110   | N/A          | Stand has lots of softwood coming in. There are 3 patches of ok hardwoods in the northern part, about 3 or 4 acres each. DBH is on average 10-12". Probably will not be ready to be treated until 2037 or 2047.Cut in 1998. Areas with low ba's (due to aspen removal). Lots of wet areas. |
| <div><div><div>Canopy Species</div><div>% Cover</div><div>Size Class</div><div>DBH</div><div>Age</div></div><div><div>White Spruce</div><div>10</div><div>Seedling</div><div>8</div><div></div></div><div><div>Hemlock</div><div>25</div><div></div><div>16</div><div>119</div></div><div><div>Yellow Birch</div><div>5</div><div></div><div>12</div><div></div></div><div><div>Sugar Maple</div><div>23</div><div></div><div>10</div><div></div></div><div><div>Red Maple</div><div>20</div><div></div><div>10</div><div>119</div></div><div><div>Balsam Fir</div><div>10</div><div>Seedling</div><div>8</div><div></div></div><div><div>White Pine</div><div>2</div><div></div><div>18</div><div></div></div><div><div>Black Cherry</div><div>5</div><div></div><div>10</div><div></div></div></div> |   | <div><div><div>Sub-Canopy Species</div><div>Density</div><div>Avg. Height</div><div>Size</div></div><div><div>White Pine</div><div>High</div><div>5 - 10 feet</div><div>5 - 10 feet</div></div><div><div>White Spruce</div><div>High</div><div>5 - 10 feet</div><div>5 - 10 feet</div></div><div><div>Hemlock</div><div>Medium</div><div>5 - 10 feet</div><div>5 - 10 feet</div></div><div><div>Balsam Fir</div><div>Full</div><div>5 - 10 feet</div><div>5 - 10 feet</div></div><div><div>Sugar Maple</div><div>Full</div><div>Variable</div><div>Variable</div></div><div><div>Red Maple</div><div>Full</div><div>Variable</div><div>Variable</div></div></div>                           |       |  |          |              |  |





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| Stand  | Level 4 Cover Type                      | Size         | Density     | Acres | Stand Age          | BA Range | Managed Site | General Comments  |                    |         |             |      |              |                    |             |             |      |              |   |     |   |  |         |     |              |              |             |    |     |   |   |            |        |              |              |           |    |     |   |   |             |     |             |             |         |   |  |    |  |           |     |              |              |         |    |  |    |    |  |  |  |  |
|--|---|--------------|-------------|-------|--------------------|----------|--------------|---|--------------------|---------|-------------|------|--------------|--------------------|-------------|-------------|------|--------------|---|-----|---|--|---------|-----|--------------|--------------|-------------|----|-----|---|---|------------|--------|--------------|--------------|-----------|----|-----|---|---|-------------|-----|-------------|-------------|---------|---|--|----|--|-----------|-----|--------------|--------------|---------|----|--|----|----|--|--|--|--|
| 35   | 330 - Low-Density Trees                 | None         | 1.2         |       |                    |          | No           | WET Bog...down in a hole  |                    |         |             |      |              |                    |             |             |      |              |   |     |   |  |         |     |              |              |             |    |     |   |   |            |        |              |              |           |    |     |   |   |             |     |             |             |         |   |  |    |  |           |     |              |              |         |    |  |    |    |  |  |  |  |
| <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Black Spruce</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>   |   |              |             |       |                    |          |              |   | Sub-Canopy Species | Density | Avg. Height | Size | Black Spruce | Low                | 5 - 10 feet | 5 - 10 feet |      |              |   |     |   |  |         |     |              |              |             |    |     |   |   |            |        |              |              |           |    |     |   |   |             |     |             |             |         |   |  |    |  |           |     |              |              |         |    |  |    |    |  |  |  |  |
| Sub-Canopy Species   | Density                                 | Avg. Height  | Size        |       |                    |          |              |   |                    |         |             |      |              |                    |             |             |      |              |   |     |   |  |         |     |              |              |             |    |     |   |   |            |        |              |              |           |    |     |   |   |             |     |             |             |         |   |  |    |  |           |     |              |              |         |    |  |    |    |  |  |  |  |
| Black Spruce   | Low                                     | 5 - 10 feet  | 5 - 10 feet |       |                    |          |              |   |                    |         |             |      |              |                    |             |             |      |              |   |     |   |  |         |     |              |              |             |    |     |   |   |            |        |              |              |           |    |     |   |   |             |     |             |             |         |   |  |    |  |           |     |              |              |         |    |  |    |    |  |  |  |  |
| 36   | 4112 - Maple, Beech, Cherry Association | Sapling Well | 23.2        | 7     | Immature           |          | N/A          | Thinned 1997 - Almost Done HDWD<br>2019: Gawk Mix cut in 2018-19. |                    |         |             |      |              |                    |             |             |      |              |   |     |   |  |         |     |              |              |             |    |     |   |   |            |        |              |              |           |    |     |   |   |             |     |             |             |         |   |  |    |  |           |     |              |              |         |    |  |    |    |  |  |  |  |
| <table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Yellow Birch</td><td>2</td><td>Log</td><td>1</td><td></td><td>Hemlock</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Sugar Maple</td><td>50</td><td>Log</td><td>1</td><td>7</td><td>Balsam Fir</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Red Maple</td><td>33</td><td>Log</td><td>1</td><td>7</td><td>Sugar Maple</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Red Oak</td><td>5</td><td></td><td>16</td><td></td><td>Red Maple</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Hemlock</td><td>10</td><td></td><td>16</td><td>79</td><td></td><td></td><td></td><td></td></tr></table> |   |              |             |       |                    |          |              |   | Canopy Species     | % Cover | Size Class  | DBH  | Age          | Sub-Canopy Species | Density     | Avg. Height | Size | Yellow Birch | 2 | Log | 1 |  | Hemlock | Low | 10 - 20 feet | 10 - 20 feet | Sugar Maple | 50 | Log | 1 | 7 | Balsam Fir | Medium | 10 - 20 feet | 10 - 20 feet | Red Maple | 33 | Log | 1 | 7 | Sugar Maple | Low | 5 - 10 feet | 5 - 10 feet | Red Oak | 5 |  | 16 |  | Red Maple | Low | 10 - 20 feet | 10 - 20 feet | Hemlock | 10 |  | 16 | 79 |  |  |  |  |
| Canopy Species   | % Cover                                 | Size Class   | DBH         | Age   | Sub-Canopy Species | Density  | Avg. Height  | Size  |                    |         |             |      |              |                    |             |             |      |              |   |     |   |  |         |     |              |              |             |    |     |   |   |            |        |              |              |           |    |     |   |   |             |     |             |             |         |   |  |    |  |           |     |              |              |         |    |  |    |    |  |  |  |  |
| Yellow Birch   | 2                                       | Log          | 1           |       | Hemlock            | Low      | 10 - 20 feet | 10 - 20 feet  |                    |         |             |      |              |                    |             |             |      |              |   |     |   |  |         |     |              |              |             |    |     |   |   |            |        |              |              |           |    |     |   |   |             |     |             |             |         |   |  |    |  |           |     |              |              |         |    |  |    |    |  |  |  |  |
| Sugar Maple  | 50                                      | Log          | 1           | 7     | Balsam Fir         | Medium   | 10 - 20 feet | 10 - 20 feet  |                    |         |             |      |              |                    |             |             |      |              |   |     |   |  |         |     |              |              |             |    |     |   |   |            |        |              |              |           |    |     |   |   |             |     |             |             |         |   |  |    |  |           |     |              |              |         |    |  |    |    |  |  |  |  |
| Red Maple  | 33                                      | Log          | 1           | 7     | Sugar Maple        | Low      | 5 - 10 feet  | 5 - 10 feet   |                    |         |             |      |              |                    |             |             |      |              |   |     |   |  |         |     |              |              |             |    |     |   |   |            |        |              |              |           |    |     |   |   |             |     |             |             |         |   |  |    |  |           |     |              |              |         |    |  |    |    |  |  |  |  |
| Red Oak  | 5                                       |              | 16          |       | Red Maple          | Low      | 10 - 20 feet | 10 - 20 feet  |                    |         |             |      |              |                    |             |             |      |              |   |     |   |  |         |     |              |              |             |    |     |   |   |            |        |              |              |           |    |     |   |   |             |     |             |             |         |   |  |    |  |           |     |              |              |         |    |  |    |    |  |  |  |  |
| Hemlock  | 10                                      |              | 16          | 79    |                    |          |              |   |                    |         |             |      |              |                    |             |             |      |              |   |     |   |  |         |     |              |              |             |    |     |   |   |            |        |              |              |           |    |     |   |   |             |     |             |             |         |   |  |    |  |           |     |              |              |         |    |  |    |    |  |  |  |  |
| 38   | 500 - Water                             | None         | 1.1         |       |                    |          | No           | Pond  |                    |         |             |      |              |                    |             |             |      |              |   |     |   |  |         |     |              |              |             |    |     |   |   |            |        |              |              |           |    |     |   |   |             |     |             |             |         |   |  |    |  |           |     |              |              |         |    |  |    |    |  |  |  |  |