



# Compartment Review Presentation

Crystal Falls Forest Management Unit

Compartment 12004

Entry Year 2027

Acreage: 2,601

County: Dickinson

Management Area: Suomi Till and Outwash Plain

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**Stand Examiner:** Deb Goupell

**Legal Description:**

T44N-R29W SECTIONS 5, 6, 7.

T44N-R30W SECTIONS 1, 2, 11 & 12.

**Identified Planning Goals:**

Our management goals in this compartment are to develop age class distribution in aspen types. Maintain health of conifer types and increase acreage where possible. Develop the quality while maintaining diversity in hardwood types. Maintain buffers on lakes and streams and maintain and improve road system.

**Soil and topography:**

A mix of Zimmermann fine sand, 18 to 35 percent slopes, rolling, excessively well drained soil on foot slopes, side slopes, and ridges and Pemene fine sandy loam, 6 to 18 percent slopes, gently rolling, well drained soil is on foot slopes, side slopes, and ridges in the uplands.

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

Ownership patterns in this compartment consist mostly of State lands with some company (Lyme Great Lakes) and private parcels and hunting camps. Lands in and around this compartment are used mainly for hunting and managed for forest products.

**Unique Natural Features:**

Parmalee Lake, Floodwood Lakes, and Michigamme River.

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

One identified in opening west of M-95

**Special Management Designations or Considerations:**

None identified.

**Watershed and Fisheries Considerations:**

100 foot buffers should be implemented around any lake, non-trout stream, and emergent wetland plus 5 feet per 1% increase of slope. An increased slope should also be considered when determining appropriate buffer. There are also wetland areas within this compartment (<https://www.mcgi.state.mi.us/wetlands/mcgiMap.html#>) If any treatments are near a wetland area, best management practices should be incorporated which include a 100' buffer. Streams, regardless of their size or frequency of flow, are connected to downstream waters and strongly influence their function. Additionally, wetlands and open waters in riparian areas and floodplains are physically, chemically, and biologically integrated with rivers via functions that improve downstream water quality. These systems act as effective buffers to protect downstream waters from pollution and are essential components of river food webs. BMP's should be implemented to control sediment sources from adjacent uplands. Fine sediments such as silt and sand negatively affect natural reproduction of fish, decrease the diversity of aquatic invertebrate and fish taxa, and result in lower overall fish populations.

**Wildlife Habitat Considerations:**

This compartment is the only large opening complex in the Ralph Management Area. It has been managed historically with fire and herbaceous plantings to discourage encroachment by trees and shrubs. The grassland associated species that this area is currently managed for once included sharp-tailed grouse and migrating geese. Herbaceous plantings meet forage needs of deer leaving the conifer cover of the Floodwood Deer Wintering Complex which incorporates this compartment. Oak and Hazel understory in aspen stands provide highly sought after mast for bear, deer, turkeys and grouse.

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

No known potential exists for commercial oil & gas production in this part of the state. The closest active sand/gravel operation is roughly two miles north of the compartment. There is some potential for development of sand & gravel within the compartment on the uplands, but the compartment might be too far from populated areas (commercial markets) for any aggregate resources present to have much value beyond use by the county road commission or DNR for local road maintenance. Some past test drilling for iron ore has occurred in the area, and while it appears likely that iron formations

occur beneath the compartment, the depth and thickness of the formation and the grade of ore may make the minerals uneconomical to extract. Potential for the occurrence of other metallic and/or critical minerals is not known. There are active leases involving State-owned mineral rights three miles east of the compartment. Potential for commercial development of metallic minerals from beneath the compartment is considered low at this time, but this could change with additional investigations into the subsurface geology of the area.

**Vehicle Access:**

M-95, Floodwood Road, Khoury Road and associated woods roads.

**Survey Needs:**

Several needed.

**Recreational Facilities and Opportunities:**

Hunting and fishing.

**Fire Protection:**

**Additional Compartment Information:**

None.

**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**

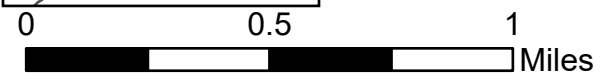
**The following information is displayed, where pertinent, on the attached compartment maps:**

- 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: 12004  
T44N-R29W SECTIONS 5, 6, 7.  
County: Dickinson  
Unit: Crystal Falls  
Mgmt. Area: Suomi Till and Outwash Plain  
YOE: 2027  
Acres: 2,601 GIS Calculated  
Examiner: Deb Goupell  
Date Exported: 11/13/2025  
Map Phase: Post Review



Survey Grade Corners



Gate



Parking Lot

Designated Motorcycle Trails

Designated Snowmobile

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

Railroads

Electric

Streams

Lakes and Rivers

Compartment Boundary

Clearcut

Thinning

Planting (tree species)

Prescribed Burn

Pesticide

Openings Mgmt.

Treatments with Site Conditions

412 - Oak Types

413 - Aspen

419 - Mixed Upland Deciduous

421 - Planted Pines

422 - Natural Pines

429 - Mixed Upland Conifers

430 - Upland Mixed Forest

500 - Water

612 - Lowland Coniferous Forest

211 - Cropland

110 - Low Intensity Urban

122 - Road/Parking Lot

310 - Herbaceous Openland

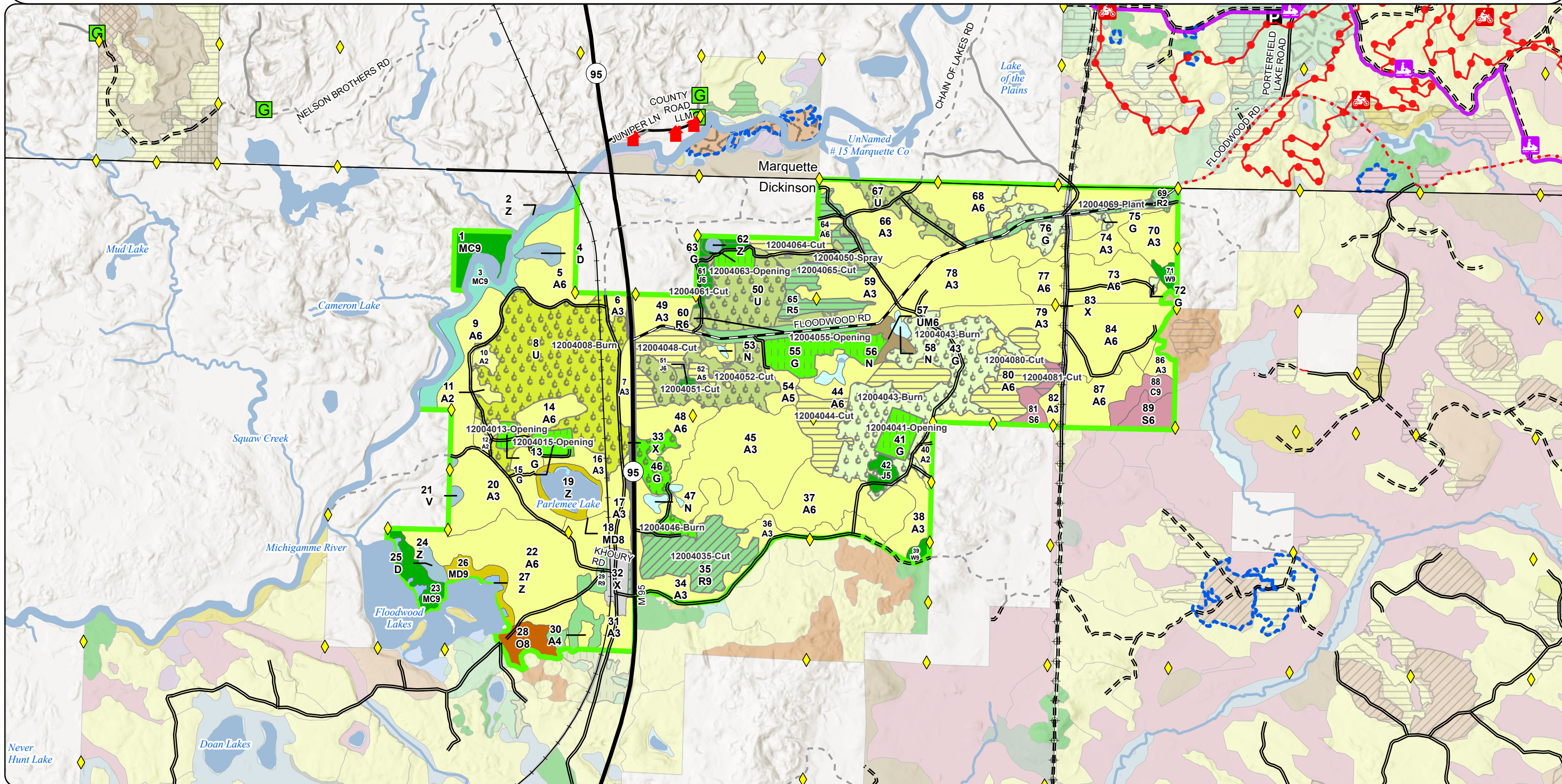
320 - Upland Shrub

330 - Low Density Trees

621 - Floating Aquatic

622 - Lowland Shrub

623 - Emergent Wetland





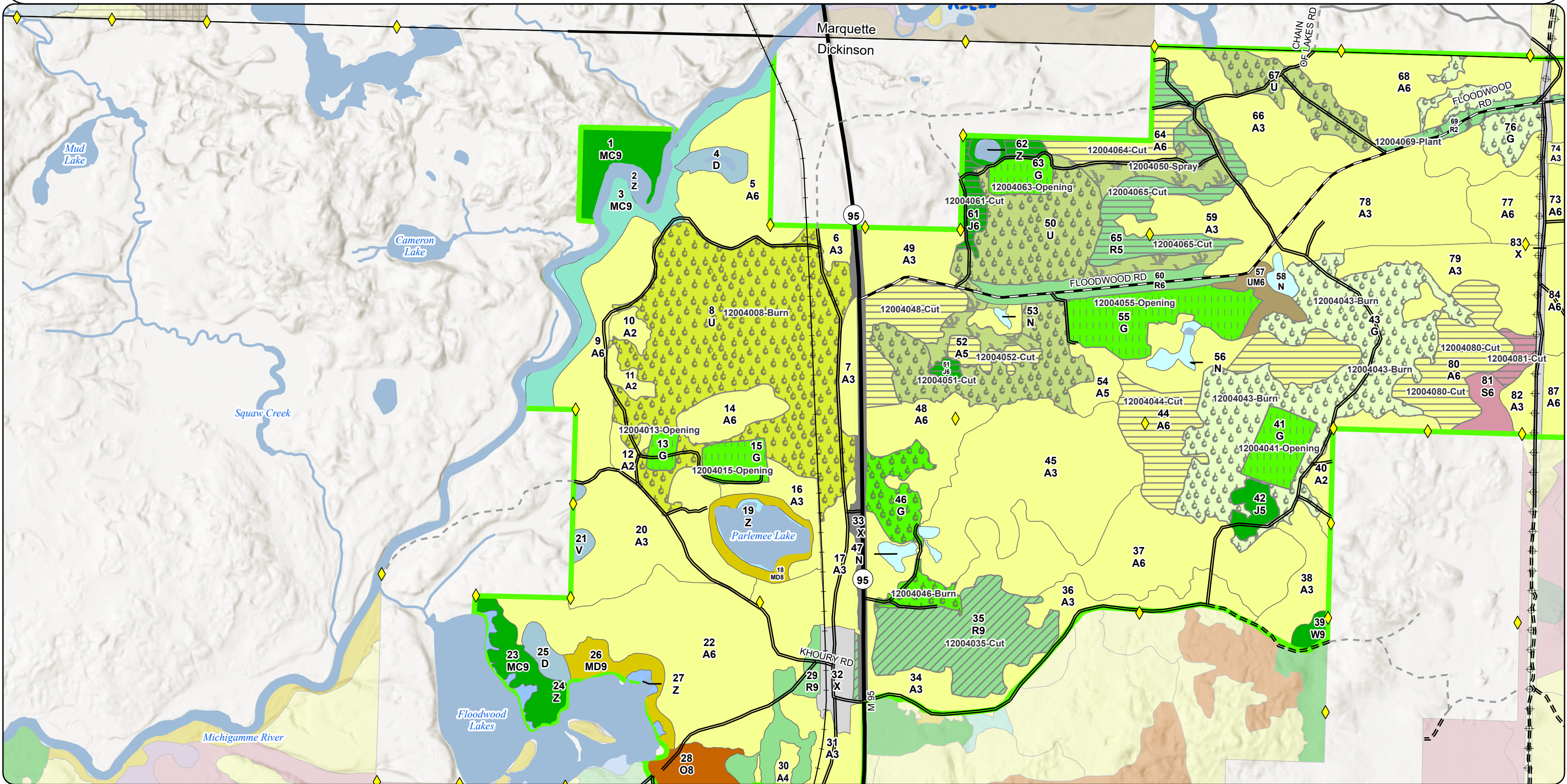
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0 0.5 1 Miles

- |                                       |                         |                                 |                           |
|---------------------------------------|-------------------------|---------------------------------|---------------------------|
| Survey Grade Corners                  | Electric                | Treatments with Site Conditions | 211 - Cropland            |
| DNR - Primary Forest Road             | Streams                 | 412 - Oak Types                 | 110 - Low Intensity Urban |
| DNR - Secondary Forest Road           | Lakes and Rivers        | 413 - Aspen                     | 122 - Road/Parking Lot    |
| DNR - Forest Access Route             | Compartment Boundary    | 419 - Mixed Upland Deciduous    | 310 - Herbaceous Openland |
| Federal / State Highway               | Clearcut                | 421 - Planted Pines             | 320 - Upland Shrub        |
| Federal / State / County - Paved Road | Thinning                | 422 - Natural Pines             | 330 - Low Density Trees   |
| Private - Paved Road                  | Planting (tree species) | 429 - Mixed Upland Conifers     | 621 - Floating Aquatic    |
| Private - Dirt / Gravel Road          | Prescribed Burn         | 430 - Upland Mixed Forest       | 622 - Lowland Shrub       |
| Railroads                             | Pesticide               | 500 - Water                     | 623 - Emergent Wetland    |
|                                       | Openings Mgmt.          | 612 - Lowland Coniferous Forest |                           |





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0 0.5 1 Miles

Survey Grade Corners

Designated Motorcycle Trails

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DNR - Secondary Forest Road

DNR - Forest Access Route

Federal / State Highway

Federal / State / County - Paved Road

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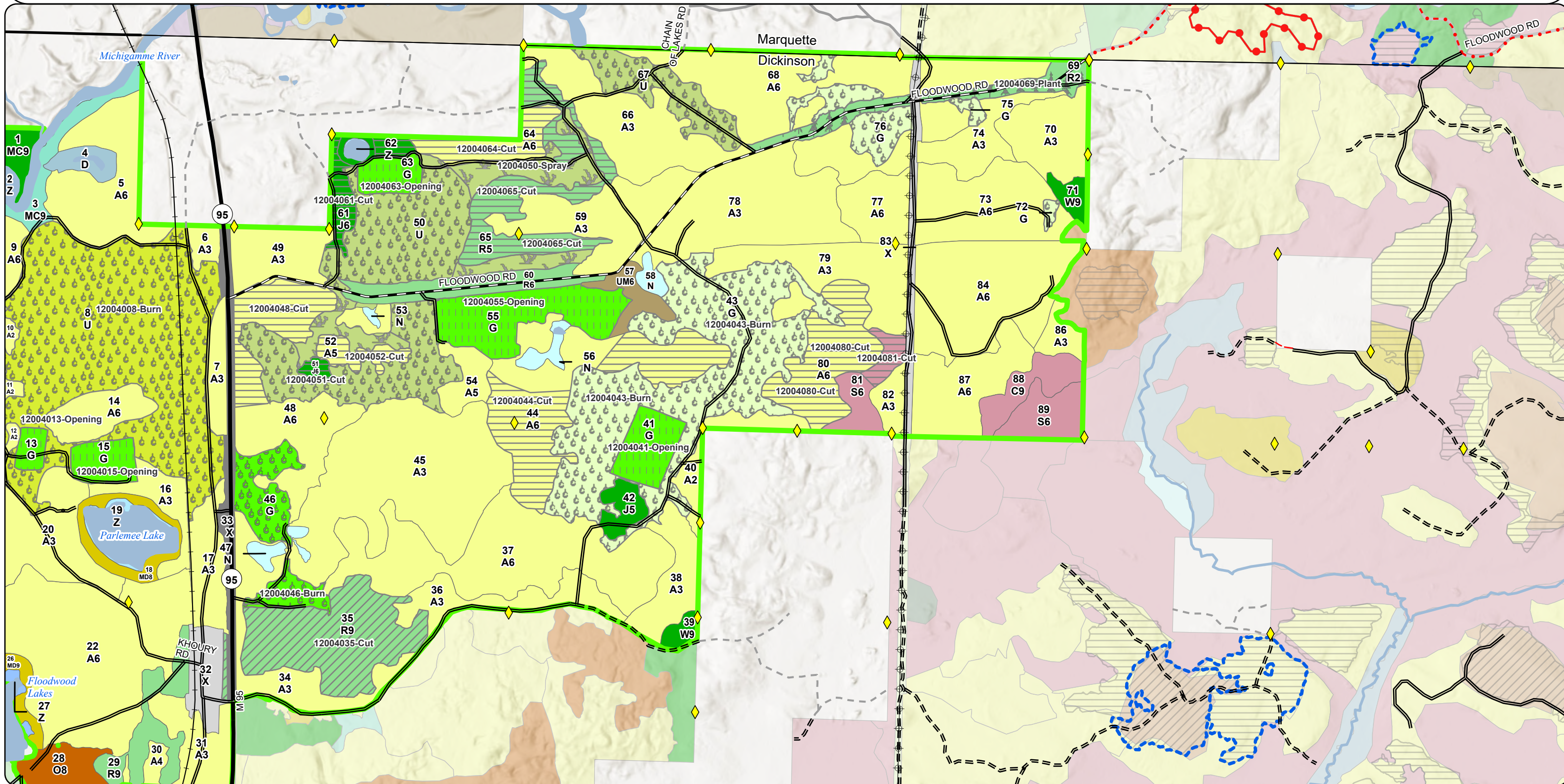
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# Stand Boundary Map

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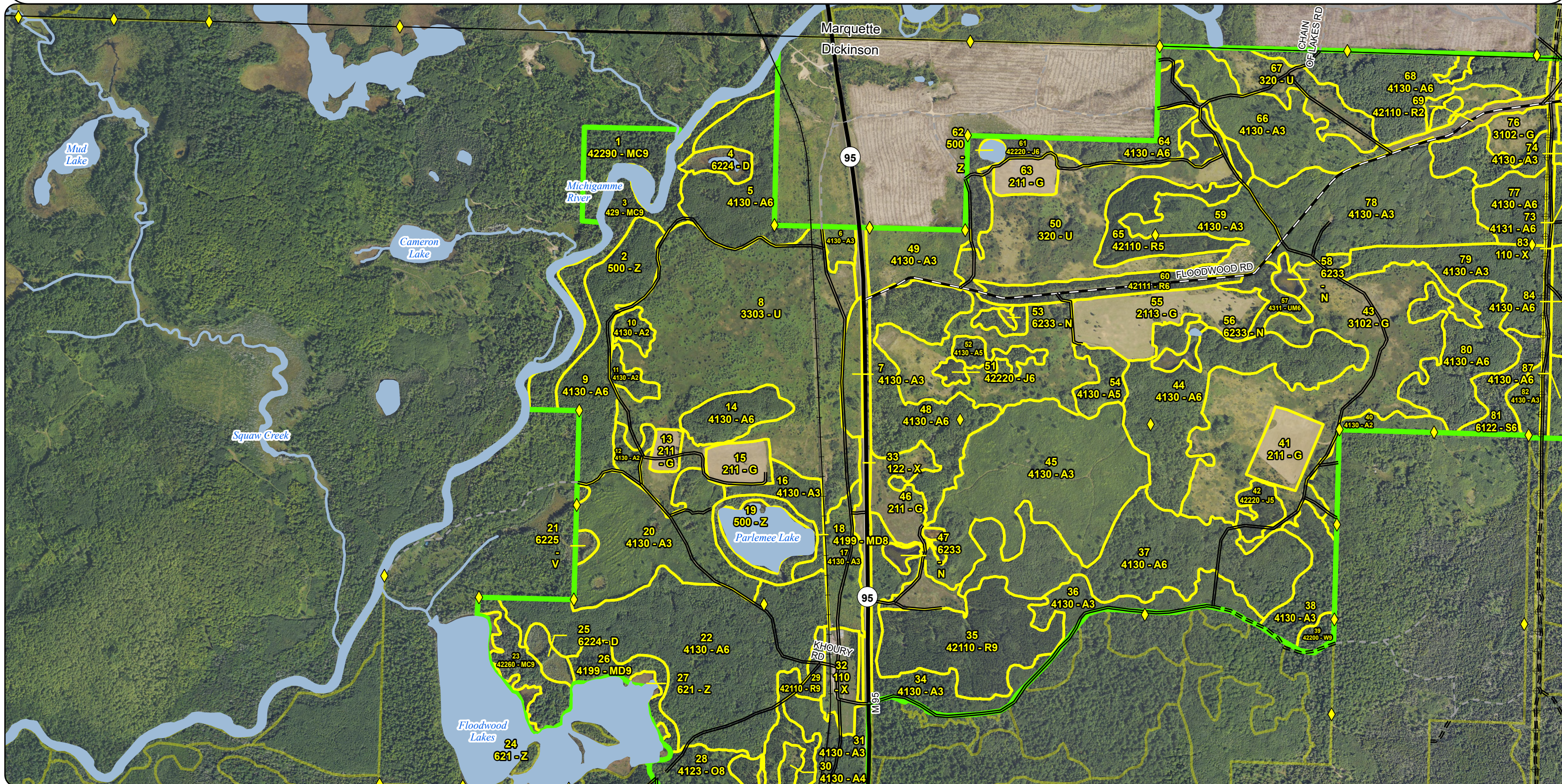
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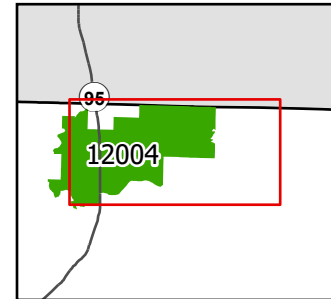
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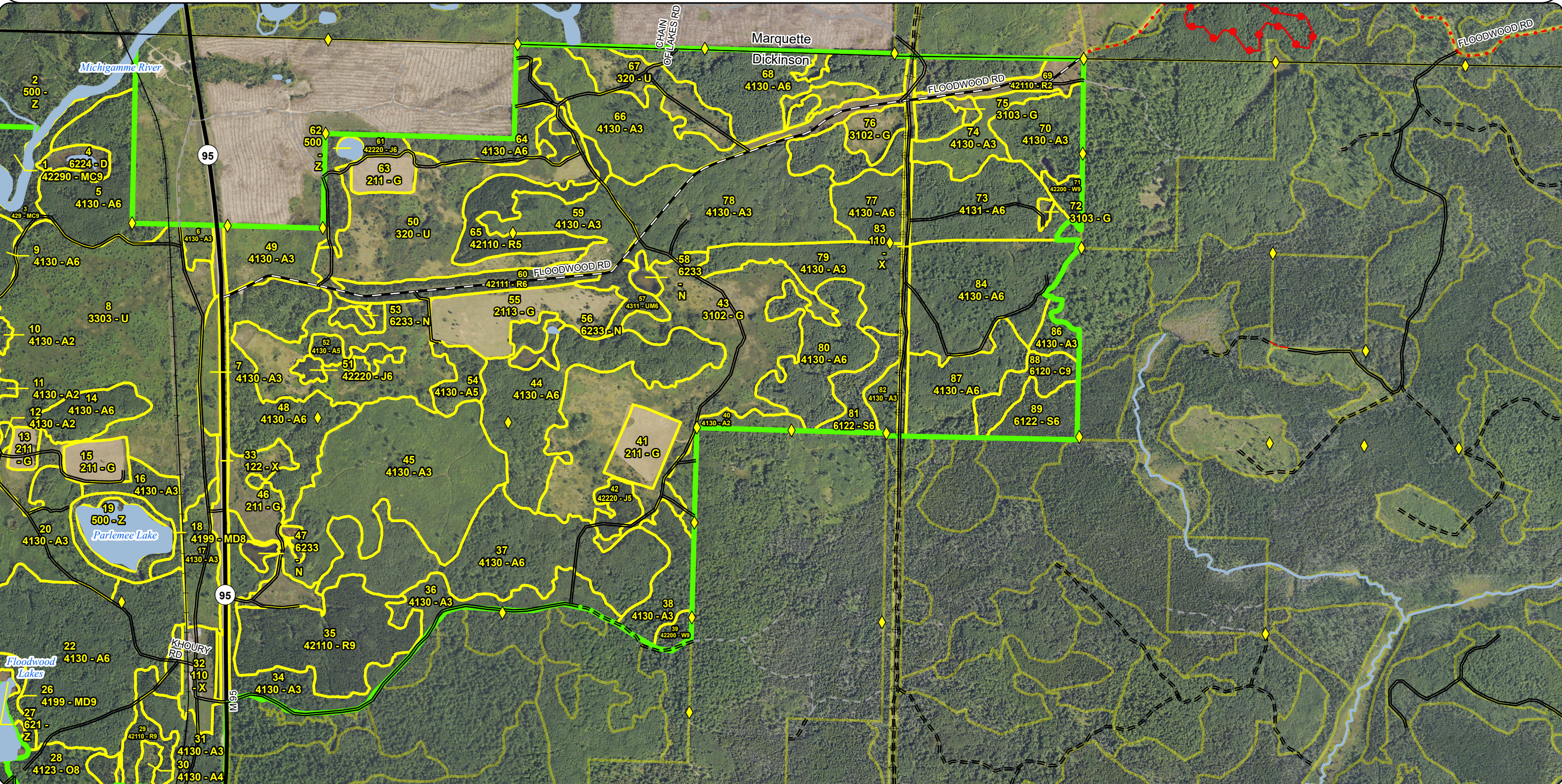
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- Survey Grade Corners
- Designated Motorcycle Trails
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# Special Conservation Areas & Site Conditions Map

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0 0.5 1 Miles

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Stand Boundaries

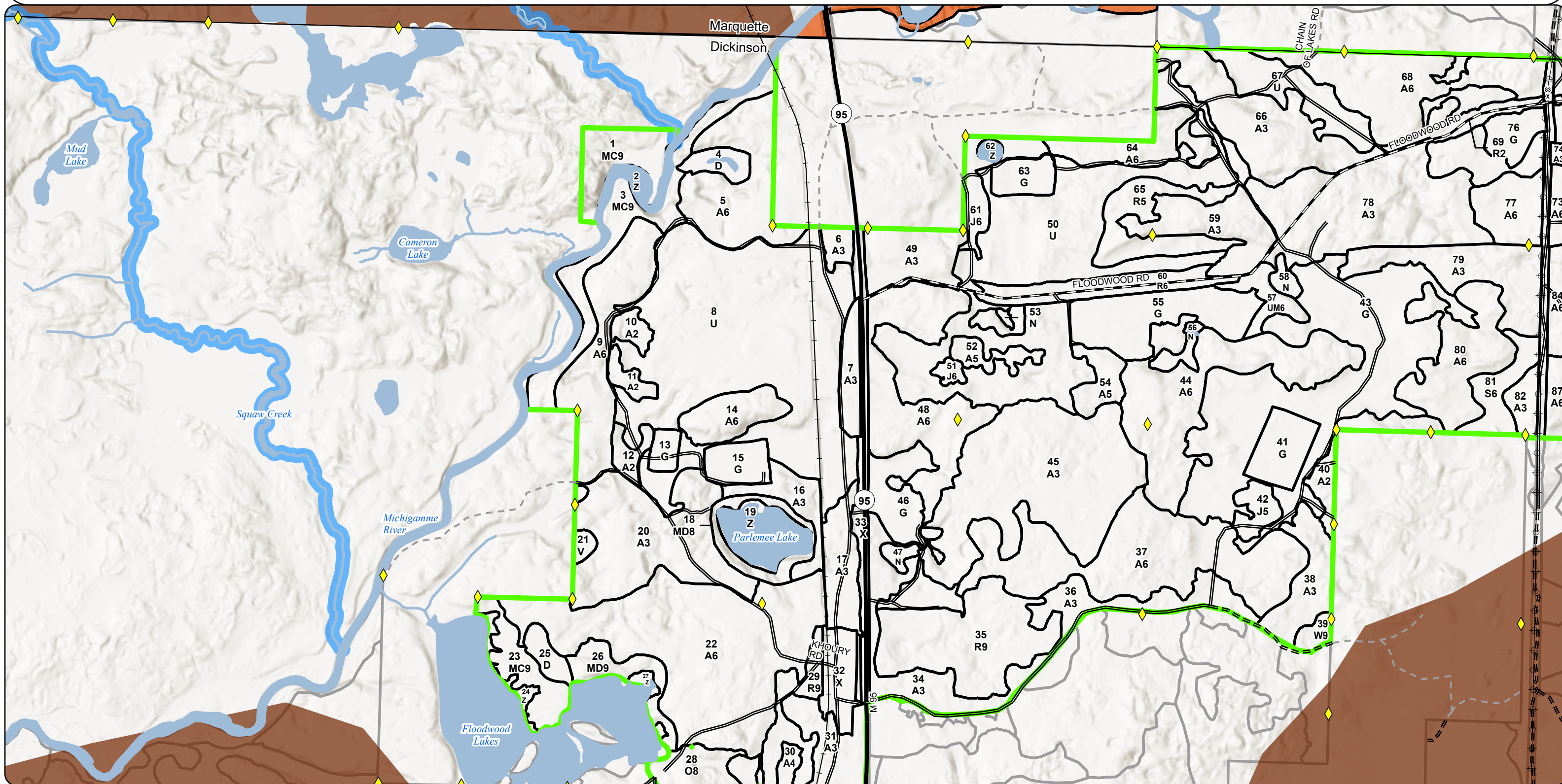
SCA

Cold Water Streams

High Priority Trout Stream Buffer

Deer Winter Range

Other Habitat Area





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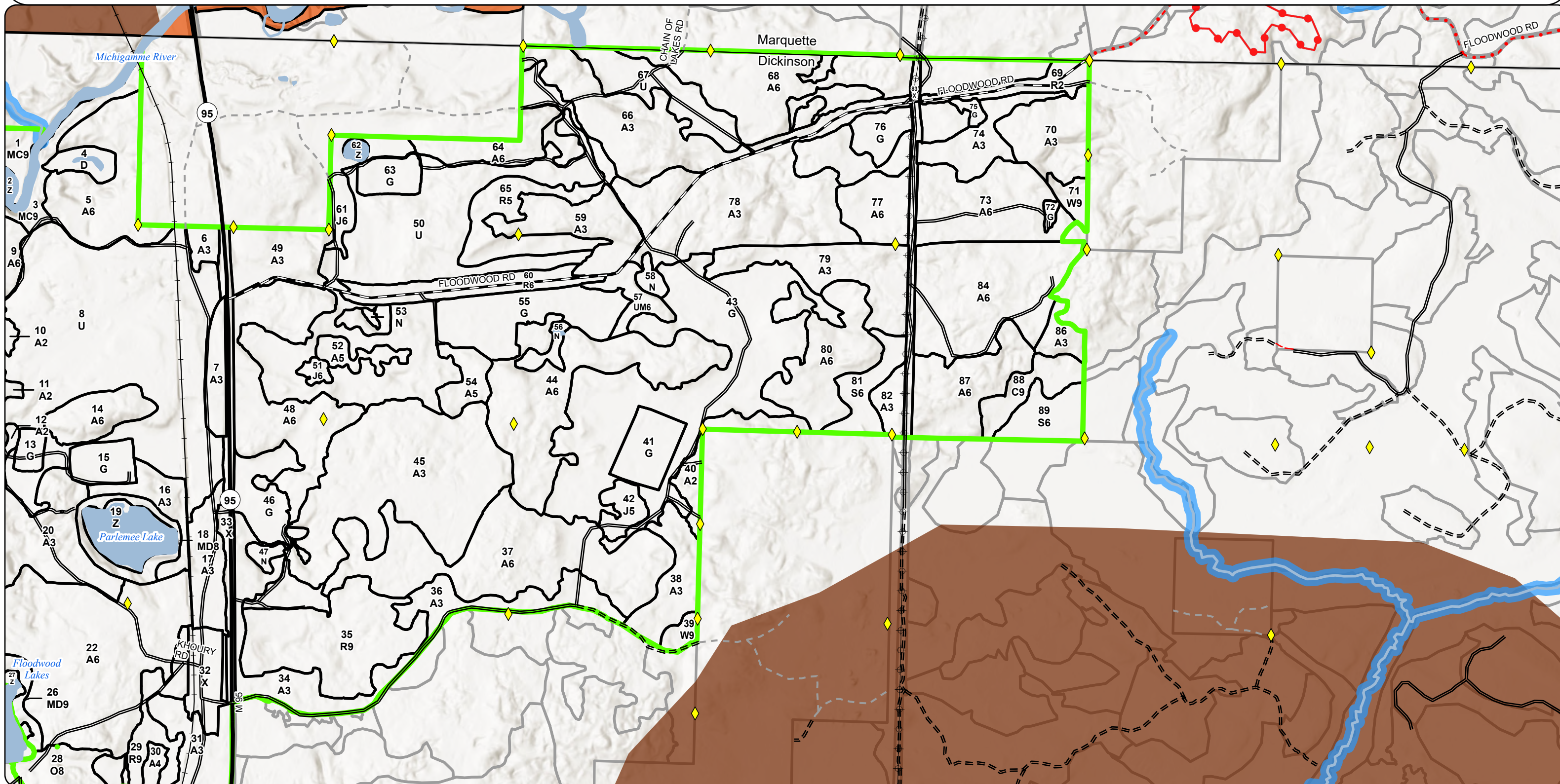


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- Streams
- Lakes and Rivers

- Compartment Boundary
- Stand Boundaries
- SCA
- Cold Water Streams
- High Priority Trout Stream Buffer
- Deer Winter Range
- Other Habitat Area





Report 1 – Total Acres by Cover Type and Age Class



Age Class

|                        | Non-Forest | 0-9        | 10-19      | 20-29      | 30-39      | 40-49      | 50-59    | 60-69      | 70-79    | 80-89     | 90-99     | 100-109   | 110-119  | 120-129  | 130-139  | 140-149  | 150+     | Uneven-Aged | Total       |
|------------------------|------------|------------|------------|------------|------------|------------|----------|------------|----------|-----------|-----------|-----------|----------|----------|----------|----------|----------|-------------|-------------|
| Aspen                  | 0          | 350        | 195        | 149        | 259        | 426        | 0        | 91         | 0        | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0           | 1469        |
| Bog                    | 3          | 0          | 0          | 0          | 0          | 0          | 0        | 0          | 0        | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0           | 3           |
| Cedar                  | 0          | 0          | 0          | 0          | 0          | 0          | 0        | 0          | 0        | 0         | 0         | 15        | 0        | 0        | 0        | 0        | 0        | 0           | 15          |
| Cropland               | 110        | 0          | 0          | 0          | 0          | 0          | 0        | 0          | 0        | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0           | 110         |
| Herbaceous Openland    | 159        | 0          | 0          | 0          | 0          | 0          | 0        | 0          | 0        | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0           | 158         |
| Jack Pine              | 0          | 0          | 0          | 0          | 0          | 12         | 0        | 15         | 0        | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0           | 25          |
| Low-Density Trees      | 192        | 0          | 0          | 0          | 0          | 0          | 0        | 0          | 0        | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0           | 192         |
| Lowland Spruce/Fir     | 0          | 0          | 0          | 0          | 0          | 0          | 0        | 0          | 0        | 0         | 0         | 32        | 0        | 0        | 0        | 0        | 0        | 0           | 32          |
| Marsh                  | 14         | 0          | 0          | 0          | 0          | 0          | 0        | 0          | 0        | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0           | 14          |
| Mixed Upland Deciduous | 0          | 0          | 0          | 0          | 0          | 15         | 0        | 0          | 0        | 11        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0           | 26          |
| Natural Mixed Pines    | 0          | 0          | 0          | 0          | 0          | 0          | 0        | 0          | 0        | 0         | 42        | 0         | 0        | 0        | 0        | 0        | 0        | 0           | 42          |
| Oak                    | 0          | 0          | 0          | 0          | 0          | 0          | 0        | 0          | 0        | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 19          | 19          |
| Red Pine               | 0          | 21         | 0          | 0          | 63         | 0          | 0        | 82         | 0        | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0           | 166         |
| Treed Bog              | 14         | 0          | 0          | 0          | 0          | 0          | 0        | 0          | 0        | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0           | 14          |
| Upland Conifers        | 0          | 0          | 0          | 0          | 0          | 0          | 0        | 0          | 0        | 0         | 37        | 0         | 0        | 0        | 0        | 0        | 0        | 0           | 37          |
| Upland Mixed Forest    | 0          | 0          | 0          | 0          | 10         | 0          | 0        | 0          | 0        | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0           | 10          |
| Upland Shrub           | 166        | 0          | 0          | 0          | 0          | 0          | 0        | 0          | 0        | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0           | 166         |
| Urban                  | 49         | 0          | 0          | 0          | 0          | 0          | 0        | 0          | 0        | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0           | 49          |
| Water                  | 44         | 0          | 0          | 0          | 0          | 0          | 0        | 0          | 0        | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0           | 44          |
| White Pine             | 0          | 0          | 0          | 0          | 0          | 0          | 0        | 0          | 0        | 0         | 6         | 4         | 0        | 0        | 0        | 0        | 0        | 0           | 10          |
| <b>Total</b>           | <b>751</b> | <b>371</b> | <b>195</b> | <b>149</b> | <b>332</b> | <b>453</b> | <b>0</b> | <b>188</b> | <b>0</b> | <b>11</b> | <b>85</b> | <b>51</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>19</b>   | <b>2601</b> |





## Report 2 – Treatment Summary

Crystal Falls Mgt. Unit  
Year of Entry: 2027

Acres of Harvest

Compartment 4  
Total Compartment Acres: 2,601

Commercial Harvest - 1018  
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              | 144      | 0         | 0              | 0         | 0           | 0        | 0                 | 0       | 0     | 144         |
| Jack Pine          | 15       | 0         | 0              | 0         | 0           | 0        | 0                 | 0       | 0     | 15          |
| Lowland Spruce/Fir | 6        | 0         | 0              | 0         | 0           | 0        | 0                 | 0       | 0     | 6           |
| Red Pine           | 41       | 0         | 0              | 0         | 0           | 61       | 0                 | 0       | 0     | 101         |
| Total              | 205      | 0         | 0              | 0         | 0           | 61       | 0                 | 0       | 0     | 266         |

### Proposed and Next Step Treatments by Method

|           | Harvest | Site Prep | Planting | Seeding | Burning | Pesticide | Monitoring | Other | Non-Forest Mgt. | Total Acres |
|-----------|---------|-----------|----------|---------|---------|-----------|------------|-------|-----------------|-------------|
| Current   | 266     | 0         | 0        | 0       | 506     | 37        | 22         | 0     | 0               | 913         |
| Next Step | 0       | 0         | 291      | 0       | 506     | 366       | 894        | 0     | 0               | 2057        |
| Total     | 266     | 0         | 291      | 0       | 1012    | 403       | 915        | 0     | 0               | 2969        |





| S<br>t<br>a<br>n<br>d | Treatment<br>Name | Acres | Stand<br>CoverType | Size<br>Density | Stand<br>Age | BA<br>Range | Treatment<br>Type | Treatment<br>Method | Cover Type<br>Objective | Age<br>Structure | Habitat<br>Cut |
|-----------------------|-------------------|-------|--------------------|-----------------|--------------|-------------|-------------------|---------------------|-------------------------|------------------|----------------|
|-----------------------|-------------------|-------|--------------------|-----------------|--------------|-------------|-------------------|---------------------|-------------------------|------------------|----------------|

**Approved Treatments:**

|   |                  |       |                                |    |  |  |                |                 |                                |                    |    |
|---|------------------|-------|--------------------------------|----|--|--|----------------|-----------------|--------------------------------|--------------------|----|
| 8   | 12004008-Burn    | 191.7 | 3303 - Mixed Low Density Trees | 99 |  |  | Burn           | Prescribed Burn | 3105 - Mixed Upland Herbaceous | Previous Inventory | No |
| <u>Prescription</u> Rx burn and/or mechanical opening maintenance<br><u>Specs:</u><br><u>Next Step</u> Monitoring, Habitat Monitoring; Burn, Prescribed Fire<br><u>Treatments:</u><br><u>Acceptable</u><br><u>Regen:</u><br><u>Other</u><br><u>Comment:</u><br><u>Site Condition:</u><br><u>Proposed Start Date:</u> 04/01/2026 |                  |       |                                |    |  |  |                |                 |                                |                    |    |
| 13  | 12004013-Opening | 5.2   | 211 - Cropland                 | 99 |  |  | Openings Mgmt. | Openings Mgmt.  | 310 - Herbaceous Openland      | Previous Inventory | No |
| <u>Prescription</u> opening maintenance- disc, seed, fertilize, mow, burn, herbicide<br><u>Specs:</u><br><u>Next Step</u><br><u>Treatments:</u><br><u>Acceptable</u><br><u>Regen:</u><br><u>Other</u><br><u>Comment:</u><br><u>Site Condition:</u><br><u>Proposed Start Date:</u> 10/01/2025                                    |                  |       |                                |    |  |  |                |                 |                                |                    |    |
| 15  | 12004015-Opening | 11.7  | 211 - Cropland                 | 99 |  |  | Openings Mgmt. | Openings Mgmt.  | 310 - Herbaceous Openland      | Previous Inventory | No |
| <u>Prescription</u> opening maintenance- disc, seed, fertilize, mow, burn, herbicide<br><u>Specs:</u><br><u>Next Step</u><br><u>Treatments:</u><br><u>Acceptable</u><br><u>Regen:</u><br><u>Other</u><br><u>Comment:</u><br><u>Site Condition:</u><br><u>Proposed Start Date:</u> 10/01/2025                                    |                  |       |                                |    |  |  |                |                 |                                |                    |    |



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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>35 12004035-Cut</b>   | 60.6  | 42110 - Planted Red Pine | 9            | 61        | 111-140  | Harvest        | Thinning         | 4211 - Planted Red Pine        | Planting Record    | No          |
| <u>Prescription</u> Thin to 100 BA focusing on crop tree crown release. Mark only red pine, leaving other species for diversity.<br><u>Specs:</u><br><u>Next Step</u><br><u>Treatments:</u><br><u>Acceptable</u><br><u>Regen:</u><br><u>Other</u><br><u>Comment:</u><br><u>Site Condition:</u><br><u>Proposed Start Date:</u> 10/01/2026   |       |                          |              |           |          |                |                  |                                |                    |             |
| <b>41 12004041-Opening</b>   | 16.7  | 211 - Cropland           | 99           |           |          | Openings Mgmt. | Openings Mgmt.   | 310 - Herbaceous Openland      | Previous Inventory | No          |
| <u>Prescription</u> opening maintenance- disc, seed, fertilize, mow, burn, herbicide<br><u>Specs:</u><br><u>Next Step</u><br><u>Treatments:</u><br><u>Acceptable</u><br><u>Regen:</u><br><u>Other</u><br><u>Comment:</u><br><u>Site Condition:</u><br><u>Proposed Start Date:</u> 10/01/2025   |       |                          |              |           |          |                |                  |                                |                    |             |
| <b>43 12004043-Burn</b>  | 305.8 | 3102 - Grass             | 99           |           |          | Burn           | Prescribed Burn  | 3105 - Mixed Upland Herbaceous | Previous Inventory | No          |
| <u>Prescription</u> Rx burn and/or mechanical opening maintenance<br><u>Specs:</u><br><u>Next Step</u> Monitoring, Habitat Monitoring; Burn, Prescribed Fire<br><u>Treatments:</u><br><u>Acceptable</u><br><u>Regen:</u><br><u>Other</u><br><u>Comment:</u><br><u>Site Condition:</u><br><u>Proposed Start Date:</u> 04/01/2026  |       |                          |              |           |          |                |                  |                                |                    |             |
| <b>44 12004044-Cut</b>   | 52.3  | 4130 - Aspen             | 6            | 60        | 81-110   | Harvest        | Clearcut         | 413 - Aspen                    | Planting Record    | No          |
| <u>Prescription</u> Final harvest all trees 3" and up except red pine, white pine, cedar and oak. Leave all conifer in this stand. Also mark some representation of aspen/maple/overstory trees scattered throughout stand for diversity (can mark with green during cruise) Retent<br><u>Specs:</u><br><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)<br><u>Treatments:</u><br><u>Acceptable</u> aspen, mixed softwood, mixed hardwood<br><u>Regen:</u><br><u>Other</u><br><u>Comment:</u><br><u>Site Condition:</u><br><u>Proposed Start Date:</u> 10/01/2026 |       |                          |              |           |          |                |                  |                                |                    |             |



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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>46 12004046-Burn</b>  | 8.5   | 211 - Cropland            | 99           |           |          | Burn           | Prescribed Burn  | 3105 - Mixed Upland Herbaceous | Previous Inventory | No          |
| <u>Prescription</u> Rx burn and/or mechanical opening maintenance<br><u>Specs:</u><br><u>Next Step</u> Monitoring, Habitat Monitoring; Burn, Prescribed Fire<br><u>Treatments:</u><br><u>Acceptable</u><br><u>Regen:</u><br><u>Other</u><br><u>Comment:</u><br><u>Site Condition:</u><br><u>Proposed Start Date:</u> 10/01/2025  |       |                           |              |           |          |                |                  |                                |                    |             |
| <b>48 12004048-Cut</b>   | 26.7  | 4130 - Aspen              | 6            | 45        | 51-80    | Harvest        | Clearcut         | 4211 - Planted Red Pine        | Planting Record    | No          |
| <u>Prescription</u> Final Harvest using 2" spec. No retention due to planting operations post harvest.<br><u>Specs:</u><br><u>Next Step</u> Pesticide, Skidder - Site Prep; Planting, Unfurrowed; Monitoring, Artificial Regen; Pesticide, Aerial - Release; Monitoring, Artificial<br><u>Treatments:</u> Regen (3yr); Planting, Interplant<br><u>Acceptable</u> Red Pine, Mixed conifers<br><u>Regen:</u><br><u>Other</u><br><u>Comment:</u><br><u>Site Condition:</u><br><u>Proposed Start Date:</u> 10/01/2026                              |       |                           |              |           |          |                |                  |                                |                    |             |
| <b>50 12004050-Spray</b>   | 37.2  | 320 - Upland Shrub        | 99           |           |          | Pesticide      | Pesticide        | 4211 - Planted Red Pine        | Planting Record    | No          |
| <u>Prescription</u> Herbicide, plant to Red Pine. Buffer vernal pond 100 feet.<br><u>Specs:</u><br><u>Next Step</u> Pesticide, Skidder - Site Prep; Planting, Unfurrowed; Monitoring, Artificial Regen; Planting, Interplant; Pesticide, Aerial - Release;<br><u>Treatments:</u> Pesticide, Aerial - Release; Pesticide, Drone - Site Prep; Monitoring, Artificial Regen<br><u>Acceptable</u> Red Pine, Mixed conifers<br><u>Regen:</u><br><u>Other</u><br><u>Comment:</u><br><u>Site Condition:</u><br><u>Proposed Start Date:</u> 10/01/2030 |       |                           |              |           |          |                |                  |                                |                    |             |
| <b>51 12004051-Cut</b>   | 2.8   | 42220 - Natural Jack Pine | 6            | 45        | 81-110   | Harvest        | Clearcut         | 4211 - Planted Red Pine        | Planting Record    | No          |
| <u>Prescription</u> final harvert no retention ; replant to red pine<br><u>Specs:</u><br><u>Next Step</u> Pesticide, Skidder - Site Prep; Planting, Unfurrowed; Monitoring, Artificial Regen; Pesticide, Aerial - Release; Monitoring, Artificial<br><u>Treatments:</u> Regen (3yr); Planting, Interplant<br><u>Acceptable</u> red pine<br><u>Regen:</u><br><u>Other</u><br><u>Comment:</u><br><u>Site Condition:</u><br><u>Proposed Start Date:</u> 10/01/2026  |       |                           |              |           |          |                |                  |                                |                    |             |





Standard

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

|    |              |     |              |   |    |       |         |          |                         |                 |    |
|----|--------------|-----|--------------|---|----|-------|---------|----------|-------------------------|-----------------|----|
| 52 | 12004052-Cut | 7.9 | 4130 - Aspen | 5 | 45 | 51-80 | Harvest | Clearcut | 4211 - Planted Red Pine | Planting Record | No |
|----|--------------|-----|--------------|---|----|-------|---------|----------|-------------------------|-----------------|----|

Prescription Final Harvest using 2" spec. No retention due to planting operations post harvest. Buffer vernal pond 100 feet.

Specs:

Next Step Pesticide, Skidder - Site Prep; Planting, Unfurrowed; Monitoring, Artificial Regen; Pesticide, Aerial - Release; Monitoring, Artificial  
Treatments: Regen (3yr); Planting, Interplant

Acceptable Red Pine, Mixed conifers

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

|    |                  |      |                     |    |  |  |                |                |                           |                    |    |
|----|------------------|------|---------------------|----|--|--|----------------|----------------|---------------------------|--------------------|----|
| 55 | 12004055-Opening | 38.2 | 2113 - Forage Crops | 99 |  |  | Openings Mgmt. | Openings Mgmt. | 310 - Herbaceous Openland | Previous Inventory | No |
|----|------------------|------|---------------------|----|--|--|----------------|----------------|---------------------------|--------------------|----|

Prescription opening maintenance- disc, seed, fertilize, mow, burn, herbicide

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/01/2025

|    |              |      |                           |   |    |        |         |          |                         |                 |    |
|----|--------------|------|---------------------------|---|----|--------|---------|----------|-------------------------|-----------------|----|
| 61 | 12004061-Cut | 12.3 | 42220 - Natural Jack Pine | 6 | 60 | 81-110 | Harvest | Clearcut | 4211 - Planted Red Pine | Planting Record | No |
|----|--------------|------|---------------------------|---|----|--------|---------|----------|-------------------------|-----------------|----|

Prescription Final Harvest using 2" spec. No retention due to planting operations post harvest. Buffer vernal pond 100 feet.

Specs:

Next Step Pesticide, Skidder - Site Prep; Planting, Unfurrowed; Monitoring, Artificial Regen; Pesticide, Aerial - Release; Monitoring, Artificial  
Treatments: Regen (3yr); Planting, Interplant

Acceptable Red Pine, Mixed conifers

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

|    |                  |      |                |    |  |  |                |                |                           |                    |    |
|----|------------------|------|----------------|----|--|--|----------------|----------------|---------------------------|--------------------|----|
| 63 | 12004063-Opening | 10.3 | 211 - Cropland | 99 |  |  | Openings Mgmt. | Openings Mgmt. | 310 - Herbaceous Openland | Previous Inventory | No |
|----|------------------|------|----------------|----|--|--|----------------|----------------|---------------------------|--------------------|----|

Prescription opening maintenance- disc, seed, fertilize, mow, burn, herbicide

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/01/2025





| S<br>t<br>a<br>n<br>d  | Treatment<br>Name | Acres | Stand<br>CoverType          | Size<br>Density | Stand<br>Age | BA<br>Range | Treatment<br>Type | Treatment<br>Method          | Cover Type<br>Objective    | Age<br>Structure   | Habitat<br>Cut |
|--|-------------------|-------|-----------------------------|-----------------|--------------|-------------|-------------------|------------------------------|----------------------------|--------------------|----------------|
| 64   | 12004064-Cut      | 18.0  | 4130 - Aspen                | 6               | 60           | 81-110      | Harvest           | Clearcut                     | 4211 - Planted<br>Red Pine | Planting<br>Record | No             |
| <u>Prescription</u> Final Harvest using 2" spec. No retention due to planting operations post harvest.<br><u>Specs:</u><br><u>Next Step</u> Pesticide, Skidder - Site Prep; Planting, Unfurrowed; Monitoring, Artificial Regen; Pesticide, Aerial - Release; Monitoring, Artificial<br><u>Treatments:</u> Regen (3yr); Planting, Interplant<br><u>Acceptable</u> Planted Red Pine, Mixed conifers<br><u>Regen:</u><br><u>Other</u><br><u>Comment:</u><br><u>Site Condition:</u><br><u>Proposed Start Date:</u> 10/01/2026              |                   |       |                             |                 |              |             |                   |                              |                            |                    |                |
| 65   | 12004065-Cut      | 40.7  | 42110 - Planted<br>Red Pine | 5               | 32           | Immature    | Harvest           | Clearcut                     | 4211 - Planted<br>Red Pine | Planting<br>Record | No             |
| <u>Prescription</u> Final Harvest using 2" spec. No retention due to planting operations post harvest.<br><u>Specs:</u><br><u>Next Step</u> Pesticide, Skidder - Site Prep; Planting, Unfurrowed; Monitoring, Artificial Regen; Pesticide, Aerial - Release; Monitoring, Artificial<br><u>Treatments:</u> Regen (3yr); Planting, Interplant<br><u>Acceptable</u> Red Pine, Mixed conifers<br><u>Regen:</u><br><u>Other</u><br><u>Comment:</u><br><u>Site Condition:</u><br><u>Proposed Start Date:</u> 10/01/2026                      |                   |       |                             |                 |              |             |                   |                              |                            |                    |                |
| 69   | 12004069-Monitor  | 21.5  | 42110 - Planted<br>Red Pine | 2               | 3            | Immature    | Monitoring        | Monitoring -<br>Regeneration | 4211 - Planted<br>Red Pine | Planting<br>Record | No             |
| <u>Prescription</u> Count Planted Pine<br><u>Specs:</u><br><u>Next Step</u><br><u>Treatments:</u><br><u>Acceptable</u> Planted Red Pine<br><u>Regen:</u><br><u>Other</u><br><u>Comment:</u><br><u>Site Condition:</u><br><u>Proposed Start Date:</u> 10/01/2025  |                   |       |                             |                 |              |             |                   |                              |                            |                    |                |
| 80   | 12004080-Cut      | 38.7  | 4130 - Aspen                | 6               | 49           | 51-80       | Harvest           | Clearcut                     | 413 - Aspen                | Planting<br>Record | No             |
| <u>Prescription</u> Final harvest all stems 3" and greater dbh. Retention has been requested by WLD in northwest lobe, reflected in treatment. Leave white pine, red pine, oak. Leave mature conifer along uncut swamp edge as available.<br><u>Specs:</u><br><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)<br><u>Treatments:</u><br><u>Acceptable</u> mixed aspen, mixed hardwood, mixed softwood<br><u>Regen:</u><br><u>Other</u><br><u>Comment:</u><br><u>Site Condition:</u><br><u>Proposed Start Date:</u> 10/01/2026 |                   |       |                             |                 |              |             |                   |                              |                            |                    |                |





Standard

| Treatment Name  | Acres | Stand CoverType     | Size Density | Stand Age | BA Range | Treatment Type | Treatment Method | Cover Type Objective            | Age Structure   | Habitat Cut |
|---|-------|---------------------|--------------|-----------|----------|----------------|------------------|---------------------------------|-----------------|-------------|
| 81 12004081-Cut   | 5.7   | 6122 - Black Spruce | 6            | 101       | 81-110   | Harvest        | Clearcut         | 612 - Lowland Coniferous Forest | Planting Record | No          |
| <p><u>Prescription</u> Final harvest all stems 3" and greater dbh. Leave cedar, white pine, red pine, oak.</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> Tamarack, Spruce, Mixed conifers, Mixed hardwoods</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p> |       |                     |              |           |          |                |                  |                                 |                 |             |

Total Treatment  
Acreage Proposed: 912.5





Availability for Management

| Total<br>Acres | Acres<br>Available | Acres Avail<br>With Condition | Acres<br>Not Available | Dominant Site Conditions |    |    |
|----------------|--------------------|-------------------------------|------------------------|--------------------------|----|----|
|                |                    |                               |                        | 3H                       | 3J | 5E |
| 1261           | 1231               | 0                             | 30                     | Aspen                    | 4  | 26 |
| 3              | 3                  | 0                             | 0                      | Bog                      |    |    |
| 15             | 0                  | 0                             | 15                     | Cedar                    | 15 |    |
| 110            | 110                | 0                             | 0                      | Cropland                 |    |    |
| 158            | 159                | 0                             | 0                      | Herbaceous Openland      |    |    |
| 14             | 11                 | 0                             | 2                      | Jack Pine                | 2  |    |
| 192            | 192                | 0                             | 0                      | Low-Density Trees        |    |    |
| 26             | 0                  | 0                             | 26                     | Lowland Spruce/Fir       | 26 |    |
| 14             | 14                 | 0                             | 0                      | Marsh                    |    |    |
| 18             | 0                  | 0                             | 18                     | Mixed Upland Deciduous   | 18 |    |
| 14             | 0                  | 0                             | 15                     | Natural Mixed Pines      | 15 |    |
| 19             | 19                 | 0                             | 0                      | Oak                      |    |    |
| 166            | 166                | 0                             | 0                      | Red Pine                 |    |    |
| 14             | 14                 | 0                             | 0                      | Treed Bog                |    |    |
| 37             | 0                  | 0                             | 37                     | Upland Conifers          | 37 |    |
| 10             | 10                 | 0                             | 0                      | Upland Mixed Forest      |    |    |
| 166            | 166                | 0                             | 0                      | Upland Shrub             |    |    |
| 49             | 49                 | 0                             | 0                      | Urban                    |    |    |
| 44             | 42                 | 0                             | 2                      | Water                    | 2  |    |
| 10             | 6                  | 0                             | 4                      | White Pine               | 4  |    |
| 2,340          | 2,192              |                               | 149                    | Total Forested Acres     | 45 | 77 |
|                | 94%                |                               | 6%                     | Relative Percent         |    | 26 |

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

| Site No.  | Dominant Site Cond Availability | Dominant Site Condition                         | Acres | Other Site Condition | Other Site Condition | Other Site Condition | Other Site Condition |
|-----------|---------------------------------|---|-------|----------------------|----------------------|----------------------|----------------------|
| 1         | Unavailable                     | 3J: Water quality/BMPs (stream, river, or lake) | 37    | Unspecified          | Unspecified          | Unspecified          | Unspecified          |
| Comments: |                                 |   |       |                      |                      |                      |                      |



## Report 4 – Site Conditions



|   |             |   |    |  |             |             |             |
|---|-------------|---|----|--|-------------|-------------|-------------|
| 2   | Unavailable | 3J: Water quality/BMPs<br>(stream, river, or lake)                                | 12 | Unspecified  | Unspecified | Unspecified | Unspecified |
| <b>Comments:</b><br>Buffer for Michigamme River.                                      |             |   |    |  |             |             |             |
| 4   | Unavailable | 5E: Long-Term Retention   | 15 | 1C: Other Dept. or Div.<br>process                                   | Unspecified | Unspecified | Unspecified |
| <b>Comments:</b><br>saved per WLD request for roosts for turkey                       |             |   |    |  |             |             |             |
| 5   | Unavailable | 5E: Long-Term Retention   | 3  | Unspecified  | Unspecified | Unspecified | Unspecified |
| <b>Comments:</b>  |             |   |    |  |             |             |             |
| 6   | Unavailable | 5E: Long-Term Retention   | 7  | Unspecified  | Unspecified | Unspecified | Unspecified |
| <b>Comments:</b>  |             |   |    |  |             |             |             |
| 7   | Unavailable | 3H: Deer Wintering Area -<br>habitat is incompatible<br>with harvest at this time | 4  | Unspecified  | Unspecified | Unspecified | Unspecified |
| <b>Comments:</b>  |             |   |    |  |             |             |             |
| 8   | Unavailable | 3J: Water quality/BMPs<br>(stream, river, or lake)                                | 5  | 3A: Conservation values<br>incompatible with<br>harvest at this time | Unspecified | Unspecified | Unspecified |
| <b>Comments:</b><br>WLD requests larger area around vernal for roost trees for turkey |             |   |    |  |             |             |             |



## Report 4 – Site Conditions



|  |             |   |    |                         |             |             |             |
|--|-------------|---|----|-------------------------|-------------|-------------|-------------|
| 9  | Unavailable | 3J: Water quality/BMPs<br>(stream, river, or lake)                                | 4  | Unspecified             | Unspecified | Unspecified | Unspecified |
| Comments:  |             |   |    |                         |             |             |             |
| 10   | Unavailable | 3J: Water quality/BMPs<br>(stream, river, or lake)                                | 6  | 5E: Long-Term Retention | Unspecified | Unspecified | Unspecified |
| Comments:  |             |   |    |                         |             |             |             |
| 11   | Unavailable | 3H: Deer Wintering Area -<br>habitat is incompatible<br>with harvest at this time | 16 | Unspecified             | Unspecified | Unspecified | Unspecified |
| Comments:<br>Stand in good shape.                  |             |   |    |                         |             |             |             |
| 12   | Unavailable | 3H: Deer Wintering Area -<br>habitat is incompatible<br>with harvest at this time | 10 | Unspecified             | Unspecified | Unspecified | Unspecified |
| Comments:<br>Stand in good shape.                  |             |   |    |                         |             |             |             |
| 13   | Unavailable | 5E: Long-Term Retention   | 4  | Unspecified             | Unspecified | Unspecified | Unspecified |
| Comments:<br>Held for turkey roost per WLD request |             |   |    |                         |             |             |             |
| 14   | Unavailable | 3J: Water quality/BMPs<br>(stream, river, or lake)                                | 11 | Unspecified             | Unspecified | Unspecified | Unspecified |
| Comments:<br>100 foot buffer on Parmalee Lake.     |             |   |    |                         |             |             |             |



## Report 4 – Site Conditions

Crystal Falls Mgt. Unit

Deb Goupell: Examiner

Compartment: 4

Year of Entry: 2027



|   |             |   |    |             |             |             |             |
|---|-------------|---|----|-------------|-------------|-------------|-------------|
| 15  | Unavailable | 3J: Water quality/BMPs<br>(stream, river, or lake)                                | 2  | Unspecified | Unspecified | Unspecified | Unspecified |
| <b>Comments:</b><br>100 foot buffer on Floodwood Lakes. |             |   |    |             |             |             |             |
| 16  | Unavailable | 3H: Deer Wintering Area -<br>habitat is incompatible<br>with harvest at this time | 15 | Unspecified | Unspecified | Unspecified | Unspecified |
| <b>Comments:</b>  |             |   |    |             |             |             |             |
| 18  | Unavailable | 3J: Water quality/BMPs<br>(stream, river, or lake)                                | 1  | Unspecified | 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 |
|----------|--------------|-------------|----------------|-------|
| Comments |              |             |                |       |









| Stand  | Level 4 Cover Type |              | Size Density    |     | Acres          | Stand Age | BA Range   | Managed Site | General Comments   |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
|--|--------------------|--------------|-----------------|-----|----------------|-----------|------------|--------------|--|---------------|---------------|---------|--------------|----|--|----------------|----|----------|--------------------|---------|--|------|---------------|--------|--------------------|--------------|-------------|------|---------------------|--------|-------------|-------------|---------------------|--------|-------------|-------------|-----------|--------|----------|----------|
| 9  | 4130 - Aspen       |              | Poletimber Well |     | 47.1           | 47        | 81-110     | N/A          | Scattered large white pine and a few oaks. Brushy understory; aspen ranges from 7-16"dbh |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| <table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>5</td><td>Pole/Sapling</td><td>6</td><td></td></tr><tr><td>Quaking Aspen</td><td>95</td><td>Pole</td><td>9</td><td>47</td></tr></table>    |                    |              |                 |     | Canopy Species | % Cover   | Size Class | DBH          |  | Age           | Red Maple     | 5       | Pole/Sapling | 6  |  | Quaking Aspen  | 95 | Pole     | 9                  | 47      | <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Hazelnut (American)</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>White Pine</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Red Maple</td><td>Medium</td><td>Variable</td><td>Variable</td></tr></table> |      |               |        | Sub-Canopy Species | Density      | Avg. Height | Size | Hazelnut (American) | Medium | 5 - 10 feet | 5 - 10 feet | White Pine          | Low    | 5 - 10 feet | 5 - 10 feet | Red Maple | Medium | Variable | Variable |
| Canopy Species   | % Cover            | Size Class   | DBH             | Age |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| Red Maple  | 5                  | Pole/Sapling | 6               |     |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| Quaking Aspen  | 95                 | Pole         | 9               | 47  |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| Sub-Canopy Species   | Density            | Avg. Height  | Size            |     |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| Hazelnut (American)  | Medium             | 5 - 10 feet  | 5 - 10 feet     |     |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| White Pine   | Low                | 5 - 10 feet  | 5 - 10 feet     |     |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| Red Maple  | Medium             | Variable     | Variable        |     |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
|  |                    |              |                 |     |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
|  |                    |              |                 |     |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| 10   | 4130 - Aspen       |              | Sapling Medium  |     | 5.3            | 25        | Immature   | N/A          |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| <table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>100</td><td>Sapling</td><td>4</td><td>25</td></tr></table>   |                    |              |                 |     | Canopy Species | % Cover   | Size Class | DBH          | Age  | Quaking Aspen | 100           | Sapling | 4            | 25 | <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Cherry (spp.)</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table> |                |    |          | Sub-Canopy Species | Density | Avg. Height  | Size | Cherry (spp.) | Medium | 10 - 20 feet       | 10 - 20 feet |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| Canopy Species   | % Cover            | Size Class   | DBH             | Age |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| Quaking Aspen  | 100                | Sapling      | 4               | 25  |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| Sub-Canopy Species   | Density            | Avg. Height  | Size            |     |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| Cherry (spp.)  | Medium             | 10 - 20 feet | 10 - 20 feet    |     |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| 11   | 4130 - Aspen       |              | Sapling Medium  |     | 5.4            | 25        | Immature   | N/A          |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| <table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>100</td><td>Sapling</td><td>4</td><td>25</td></tr></table>   |                    |              |                 |     | Canopy Species | % Cover   | Size Class | DBH          | Age  | Quaking Aspen | 100           | Sapling | 4            | 25 | <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Cherry (spp.)</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table> |                |    |          | Sub-Canopy Species | Density | Avg. Height  | Size | Cherry (spp.) | Medium | 10 - 20 feet       | 10 - 20 feet |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| Canopy Species   | % Cover            | Size Class   | DBH             | Age |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| Quaking Aspen  | 100                | Sapling      | 4               | 25  |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| Sub-Canopy Species   | Density            | Avg. Height  | Size            |     |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| Cherry (spp.)  | Medium             | 10 - 20 feet | 10 - 20 feet    |     |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| 12   | 4130 - Aspen       |              | Sapling Medium  |     | 6.3            | 25        | Immature   | N/A          |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| <table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>100</td><td>Sapling</td><td>4</td><td>25</td></tr></table>   |                    |              |                 |     | Canopy Species | % Cover   | Size Class | DBH          | Age  | Quaking Aspen | 100           | Sapling | 4            | 25 | <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Cherry (spp.)</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table> |                |    |          | Sub-Canopy Species | Density | Avg. Height  | Size | Cherry (spp.) | Medium | 10 - 20 feet       | 10 - 20 feet |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| Canopy Species   | % Cover            | Size Class   | DBH             | Age |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| Quaking Aspen  | 100                | Sapling      | 4               | 25  |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| Sub-Canopy Species   | Density            | Avg. Height  | Size            |     |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| Cherry (spp.)  | Medium             | 10 - 20 feet | 10 - 20 feet    |     |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| 13   | 211 - Cropland     |              | None            |     | 5.2            |           |            | Yes          | SEEDED GOOSE PASTURE; Mowed 9/2024   |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| 14   | 4130 - Aspen       |              | Poletimber Well |     | 17.8           | 47        | 81-110     | N/A          | Very little conifer in here. Steep but harvestable.                                      |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| <table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>85</td><td>Pole</td><td>9</td><td>47</td></tr><tr><td>Bigtooth Aspen</td><td>15</td><td>Log/Pole</td><td>10</td><td></td></tr></table> |                    |              |                 |     | Canopy Species | % Cover   | Size Class | DBH          |  | Age           | Quaking Aspen | 85      | Pole         | 9  | 47   | Bigtooth Aspen | 15 | Log/Pole | 10                 |         | <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Hazelnut (American)</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>  |      |               |        | Sub-Canopy Species | Density      | Avg. Height | Size | Red Maple           | Low    | Variable    | Variable    | Hazelnut (American) | Medium | 5 - 10 feet | 5 - 10 feet |           |        |          |          |
| Canopy Species   | % Cover            | Size Class   | DBH             | Age |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| Quaking Aspen  | 85                 | Pole         | 9               | 47  |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| Bigtooth Aspen   | 15                 | Log/Pole     | 10              |     |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| Sub-Canopy Species   | Density            | Avg. Height  | Size            |     |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| Red Maple  | Low                | Variable     | Variable        |     |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| Hazelnut (American)  | Medium             | 5 - 10 feet  | 5 - 10 feet     |     |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
|  |                    |              |                 |     |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| 15   | 211 - Cropland     |              | None            |     | 11.7           |           |            | Yes          | SEEDED GOOSE PASTURE; Mowed 9/2024   |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| 16   | 4130 - Aspen       |              | Sapling Well    |     | 14.7           | 17        | Immature   | N/A          | Parmalee Lake TS cut 2008  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| <table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>5</td><td>Sapling</td><td>1</td><td>17</td></tr><tr><td>Quaking Aspen</td><td>95</td><td>Sapling</td><td>1</td><td>17</td></tr></table>    |                    |              |                 |     | Canopy Species | % Cover   | Size Class | DBH          |  | Age           | Red Maple     | 5       | Sapling      | 1  | 17   | Quaking Aspen  | 95 | Sapling  | 1                  | 17      | <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Hazelnut (American)</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>   |      |               |        | Sub-Canopy Species | Density      | Avg. Height | Size | Hazelnut (American) | Medium | 5 - 10 feet | 5 - 10 feet |                     |        |             |             |           |        |          |          |
| Canopy Species   | % Cover            | Size Class   | DBH             | Age |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| Red Maple  | 5                  | Sapling      | 1               | 17  |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| Quaking Aspen  | 95                 | Sapling      | 1               | 17  |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| Sub-Canopy Species   | Density            | Avg. Height  | Size            |     |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| Hazelnut (American)  | Medium             | 5 - 10 feet  | 5 - 10 feet     |     |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
|  |                    |              |                 |     |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| 17   | 4130 - Aspen       |              | Sapling Well    |     | 19.6           | 6         | Immature   | N/A          | Parmalee Mix TS 2019   |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| <table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>98</td><td>Sapling</td><td>1</td><td>6</td></tr><tr><td>Red Pine</td><td>2</td><td>Log/Pole</td><td>10</td><td></td></tr></table>      |                    |              |                 |     | Canopy Species | % Cover   | Size Class | DBH          |  | Age           | Quaking Aspen | 98      | Sapling      | 1  | 6  | Red Pine       | 2  | Log/Pole | 10                 |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| Canopy Species   | % Cover            | Size Class   | DBH             | Age |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| Quaking Aspen  | 98                 | Sapling      | 1               | 6   |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
| Red Pine   | 2                  | Log/Pole     | 10              |     |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |
|  |                    |              |                 |     |                |           |            |              |  |               |               |         |              |    |  |                |    |          |                    |         |  |      |               |        |                    |              |             |      |                     |        |             |             |                     |        |             |             |           |        |          |          |





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40

4130 - Aspen

Sapling Medium

13.9

7

Immature

N/A

Floodwood Mix TS cut 2018

| Canopy Species | % Cover | Size Class   | DBH | Age |
|----------------|---------|--------------|-----|-----|
| Quaking Aspen  | 95      | Sapling      | 1   | 7   |
| White Pine     | 5       | Log/Pole/Sap | 12  |     |

| Sub-Canopy Species  | Density | Avg. Height  | Size         |
|---------------------|---------|--------------|--------------|
| Cherry (spp.)       | Low     | 10 - 20 feet | 10 - 20 feet |
| Hazelnut (American) | Medium  | 5 - 10 feet  | 5 - 10 feet  |

41

211 - Cropland

None

16.7

Yes

SEEDED GOOSE PASTURE; mowed 9/2024

42

42220 - Natural Jack Pine

Poletimber Medium

8.5

40

51-80

N/A

younger jack pine is seeding into the edges of the stand

| Canopy Species | % Cover | Size Class   | DBH | Age |
|----------------|---------|--------------|-----|-----|
| Jack Pine      | 100     | Pole/Sapling | 7   | 40  |

| Sub-Canopy Species  | Density | Avg. Height  | Size         |
|---------------------|---------|--------------|--------------|
| Hazelnut (American) | Low     | 5 - 10 feet  | 5 - 10 feet  |
| Cherry (spp.)       | Low     | 10 - 20 feet | 10 - 20 feet |

43

3102 - Grass

None

135.0

No

scattered cherry, aspen, spruce, jack pine

44

4130 - Aspen

Poletimber Well

73.3

60

81-110

N/A

Smaller diameter aspen on edges & far north edge. Saw a couple oak 16" dbh and white birch ~10".

| Canopy Species | % Cover | Size Class   | DBH | Age |
|----------------|---------|--------------|-----|-----|
| Red Maple      | 15      | Pole/Sap/Log | 9   | 60  |
| Quaking Aspen  | 85      | Log/Pole     | 10  | 60  |

| Sub-Canopy Species  | Density | Avg. Height  | Size         |
|---------------------|---------|--------------|--------------|
| Hazelnut (American) | Medium  | 5 - 10 feet  | 5 - 10 feet  |
| Red Maple           | Full    | 10 - 20 feet | 10 - 20 feet |

45

4130 - Aspen

Sapling Well

109.2

6

Immature

N/A

Two Line Mix cut 2019

| Canopy Species | % Cover | Size Class | DBH | Age |
|----------------|---------|------------|-----|-----|
| Quaking Aspen  | 100     | Sapling    | 1   | 6   |

46

211 - Cropland

None

28.0

Yes

47

6233 - Wet Meadow

None

4.6

No

48

4130 - Aspen

Poletimber Well

60.1

45

51-80

N/A

short aspen with rotting centers, poor site for aspen.

| Canopy Species | % Cover | Size Class   | DBH | Age |
|----------------|---------|--------------|-----|-----|
| Quaking Aspen  | 95      | Pole/Sapling | 7   | 45  |
| Red Pine       | 5       | Pole         | 8   |     |

| Sub-Canopy Species  | Density | Avg. Height  | Size         |
|---------------------|---------|--------------|--------------|
| Cherry (spp.)       | Low     | 10 - 20 feet | 10 - 20 feet |
| Hazelnut (American) | Medium  | 5 - 10 feet  | 5 - 10 feet  |

49

4130 - Aspen

Sapling Well

24.2

7

Immature

N/A

Floodwood Mix t-sale closed 6/8/18. Scattered cherry 1-5" dbh

| Canopy Species | % Cover | Size Class   | DBH | Age |
|----------------|---------|--------------|-----|-----|
| Quaking Aspen  | 82      | Sapling      | 1   | 7   |
| Bigtooth Aspen | 7       | Sapling      | 1   |     |
| Red Pine       | 8       | Sapling/Pole | 4   |     |
| Jack Pine      | 3       | Sapling      | 1   |     |

50

320 - Upland Shrub

None

140.0

No

lots of cherry

40

4130 - Aspen

Sapling Medium

13.9

7

Immature

N/A

Floodwood Mix TS cut 2018

| Canopy Species | % Cover | Size Class   | DBH | Age |
|----------------|---------|--------------|-----|-----|
| Quaking Aspen  | 95      | Sapling      | 1   | 7   |
| White Pine     | 5       | Log/Pole/Sap | 12  |     |

| Sub-Canopy Species  | Density | Avg. Height  | Size         |
|---------------------|---------|--------------|--------------|
| Cherry (spp.)       | Low     | 10 - 20 feet | 10 - 20 feet |
| Hazelnut (American) | Medium  | 5 - 10 feet  | 5 - 10 feet  |

41

211 - Cropland

None

16.7

Yes

SEEDED GOOSE PASTURE; mowed 9/2024

42

42220 - Natural Jack Pine

Poletimber Medium

8.5

40

51-80

N/A

younger jack pine is seeding into the edges of the stand

| Canopy Species | % Cover | Size Class   | DBH | Age |
|----------------|---------|--------------|-----|-----|
| Jack Pine      | 100     | Pole/Sapling | 7   | 40  |

| Sub-Canopy Species  | Density | Avg. Height  | Size         |
|---------------------|---------|--------------|--------------|
| Hazelnut (American) | Low     | 5 - 10 feet  | 5 - 10 feet  |
| Cherry (spp.)       | Low     | 10 - 20 feet | 10 - 20 feet |

43

3102 - Grass

None

135.0

No

scattered cherry, aspen, spruce, jack pine

44

4130 - Aspen

Poletimber Well

73.3

60

81-110

N/A

Smaller diameter aspen on edges & far north edge. Saw a couple oak 16" dbh and white birch ~10".

| Canopy Species | % Cover | Size Class   | DBH | Age |
|----------------|---------|--------------|-----|-----|
| Red Maple      | 15      | Pole/Sap/Log | 9   | 60  |
| Quaking Aspen  | 85      | Log/Pole     | 10  | 60  |

| Sub-Canopy Species  | Density | Avg. Height  | Size         |
|---------------------|---------|--------------|--------------|
| Hazelnut (American) | Medium  | 5 - 10 feet  | 5 - 10 feet  |
| Red Maple           | Full    | 10 - 20 feet | 10 - 20 feet |

45

4130 - Aspen

Sapling Well

109.2

6

Immature

N/A

Two Line Mix cut 2019

| Canopy Species | % Cover | Size Class | DBH | Age |
|----------------|---------|------------|-----|-----|
| Quaking Aspen  | 100     | Sapling    | 1   | 6   |

46

211 - Cropland

None

28.0

Yes

47

6233 - Wet Meadow

None

4.6

No

48

4130 - Aspen

Poletimber Well

60.1

45

51-80

N/A

short aspen with rotting centers, poor site for aspen.

| Canopy Species | % Cover | Size Class   | DBH | Age |
|----------------|---------|--------------|-----|-----|
| Quaking Aspen  | 95      | Pole/Sapling | 7   | 45  |
| Red Pine       | 5       | Pole         | 8   |     |

| Sub-Canopy Species  | Density | Avg. Height  | Size         |
|---------------------|---------|--------------|--------------|
| Cherry (spp.)       | Low     | 10 - 20 feet | 10 - 20 feet |
| Hazelnut (American) | Medium  | 5 - 10 feet  | 5 - 10 feet  |

49

4130 - Aspen

Sapling Well

24.2

7

Immature

N/A

Floodwood Mix t-sale closed 6/8/18. Scattered cherry 1-5" dbh

| Canopy Species | % Cover | Size Class   | DBH | Age |
|----------------|---------|--------------|-----|-----|
| Quaking Aspen  | 82      | Sapling      | 1   | 7   |
| Bigtooth Aspen | 7       | Sapling      | 1   |     |
| Red Pine       | 8       | Sapling/Pole | 4   |     |
| Jack Pine      | 3       | Sapling      | 1   |     |

50

320 - Upland Shrub

None

140.0

No

lots of cherry

40

4130 - Aspen

Sapling Medium

13.9

7

Immature

N/A

Floodwood Mix TS cut 2018

| Canopy Species | % Cover | Size Class   | DBH | Age |
|----------------|---------|--------------|-----|-----|
| Quaking Aspen  | 95      | Sapling      | 1   | 7   |
| White Pine     | 5       | Log/Pole/Sap | 12  |     |

| Sub-Canopy Species  | Density | Avg. Height  | Size         |
|---------------------|---------|--------------|--------------|
| Cherry (spp.)       | Low     | 10 - 20 feet | 10 - 20 feet |
| Hazelnut (American) | Medium  | 5 - 10 feet  | 5 - 10 feet  |

41

211 - Cropland

None

16.7

Yes

SEEDED GOOSE PASTURE; mowed 9/2024

42

42220 - Natural Jack Pine

Poletimber Medium

8.5

40

51-80

N/A

younger jack pine is seeding into the edges of the stand

| Canopy Species | % Cover | Size Class   | DBH | Age |
|----------------|---------|--------------|-----|-----|
| Jack Pine      | 100     | Pole/Sapling | 7   | 40  |

| Sub-Canopy Species  | Density | Avg. Height  | Size         |
|---------------------|---------|--------------|--------------|
| Hazelnut (American) | Low     | 5 - 10 feet  | 5 - 10 feet  |
| Cherry (spp.)       | Low     | 10 - 20 feet | 10 - 20 feet |

43

3102 - Grass

None

135.0

No

scattered cherry, aspen, spruce, jack pine

44

4130 - Aspen

Poletimber Well

73.3

60

81-110

N/A

Smaller diameter aspen on edges & far north edge. Saw a couple oak 16" dbh and white birch ~10".

| Canopy Species | % Cover | Size Class   | DBH | Age |
|----------------|---------|--------------|-----|-----|
| Red Maple      | 15      | Pole/Sap/Log | 9   | 60  |
| Quaking Aspen  | 85      | Log/Pole     | 10  | 60  |

| Sub-Canopy Species  | Density | Avg. Height  | Size         |
|---------------------|---------|--------------|--------------|
| Hazelnut (American) | Medium  | 5 - 10 feet  | 5 - 10 feet  |
| Red Maple           | Full    | 10 - 20 feet | 10 - 20 feet |

45

4130 - Aspen

Sapling Well

109.2

6

Immature

N/A

Two Line Mix cut 2019

| Canopy Species | % Cover | Size Class | DBH | Age |
|----------------|---------|------------|-----|-----|
| Quaking Aspen  | 100     | Sapling    | 1   | 6   |

46

211 - Cropland

None

28.0

Yes

47

6233 - Wet Meadow

None

4.6

No

48

4130 - Aspen

Poletimber Well

60.1

45

51-80

N/A

short aspen with rotting centers, poor site for aspen.

| Canopy Species | % Cover | Size Class   | DBH | Age |
|----------------|---------|--------------|-----|-----|
| Quaking Aspen  | 95      | Pole/Sapling | 7   | 45  |
| Red Pine       | 5       | Pole         | 8   |     |

| Sub-Canopy Species  | Density | Avg. Height  | Size         |
|---------------------|---------|--------------|--------------|
| Cherry (spp.)       | Low     | 10 - 20 feet | 10 - 20 feet |
| Hazelnut (American) | Medium  | 5 - 10 feet  | 5 - 10 feet  |

49

4130 - Aspen

Sapling Well

24.2

7

Immature

N/A

Floodwood Mix t-sale closed 6/8/18. Scattered cherry 1-5" dbh

| Canopy Species | % Cover | Size Class   | DBH | Age |
|----------------|---------|--------------|-----|-----|
| Quaking Aspen  | 82      | Sapling      | 1   | 7   |
| Bigtooth Aspen | 7       | Sapling      | 1   |     |
| Red Pine       | 8       | Sapling/Pole | 4   |     |
| Jack Pine      | 3       | Sapling      | 1   |     |

50

320 - Upland Shrub

None

140.0

No

lots of cherry







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| Stand  | Level 4 Cover Type        | Size Density    | Acres          | Stand Age | BA Range   | Managed Site | General Comments   |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
|--|---------------------------|-----------------|----------------|-----------|------------|--------------|--|---------------|----|--------------|----|----|---------------|----|--------------|----|----|--|----|--------------|--------------------|---------|---|------|---------------------|--------------------|-------------|--|---------------|---------------------|--------------------|--------------|--|----------------------|---------------------|--------------------|-------------|---------------------|------------|-------------|-------------|-------------|-----------|-----------|----------|-------------|-------------|--------------|-----|-------------|-------------|--|--|
| 78   | 4130 - Aspen              | Sapling Well    | 81.7           | 15        | Immature   | N/A          | Floodwood Aspen TS cut 2009. Trace amounts of white birch 2" dbh along county road |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| <table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>5</td><td>Sapling</td><td>1</td><td>15</td></tr><tr><td>Red Oak</td><td>5</td><td>Log/Pole/Sap</td><td>12</td><td></td></tr><tr><td>Quaking Aspen</td><td>80</td><td>Sapling</td><td>2</td><td>15</td></tr><tr><td>Bigtooth Aspen</td><td>10</td><td>Sapling</td><td>2</td><td>15</td></tr></table>  |                           |                 | Canopy Species | % Cover   | Size Class | DBH          | Age  | Red Maple     | 5  | Sapling      | 1  | 15 | Red Oak       | 5  | Log/Pole/Sap | 12 |    | Quaking Aspen  | 80 | Sapling      | 2                  | 15      | Bigtooth Aspen  | 10   | Sapling             | 2                  | 15          | <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Hazelnut (American)</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>White Pine</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Red Maple</td><td>Medium</td><td>Variable</td><td>Variable</td></tr></table> |               |                     | Sub-Canopy Species | Density      | Avg. Height  | Size                 | Hazelnut (American) | Medium             | 5 - 10 feet | 5 - 10 feet         | White Pine | Low         | 5 - 10 feet | 5 - 10 feet | Red Maple | Medium    | Variable | Variable    |             |              |     |             |             |  |  |
| Canopy Species   | % Cover                   | Size Class      | DBH            | Age       |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Red Maple  | 5                         | Sapling         | 1              | 15        |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Red Oak  | 5                         | Log/Pole/Sap    | 12             |           |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Quaking Aspen  | 80                        | Sapling         | 2              | 15        |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Bigtooth Aspen   | 10                        | Sapling         | 2              | 15        |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Sub-Canopy Species   | Density                   | Avg. Height     | Size           |           |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Hazelnut (American)  | Medium                    | 5 - 10 feet     | 5 - 10 feet    |           |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| White Pine   | Low                       | 5 - 10 feet     | 5 - 10 feet    |           |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Red Maple  | Medium                    | Variable        | Variable       |           |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| 79   | 4130 - Aspen              | Sapling Well    | 36.9           | 35        | Immature   | N/A          | Powerline Aspen TS cut 1990  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| <table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>10</td><td>Sapling/Pole</td><td>4</td><td>35</td></tr><tr><td>Red Oak</td><td>5</td><td>Log/Pole/Sap</td><td>12</td><td></td></tr><tr><td>Quaking Aspen</td><td>85</td><td>Pole/Sapling</td><td>5</td><td>35</td></tr></table>   |                           |                 | Canopy Species | % Cover   | Size Class | DBH          | Age  | Red Maple     | 10 | Sapling/Pole | 4  | 35 | Red Oak       | 5  | Log/Pole/Sap | 12 |    | Quaking Aspen  | 85 | Pole/Sapling | 5                  | 35      | <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Hazelnut (American)</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>  |      |                     | Sub-Canopy Species | Density     | Avg. Height  | Size          | Hazelnut (American) | Medium             | 5 - 10 feet  | 5 - 10 feet  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Canopy Species   | % Cover                   | Size Class      | DBH            | Age       |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Red Maple  | 10                        | Sapling/Pole    | 4              | 35        |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Red Oak  | 5                         | Log/Pole/Sap    | 12             |           |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Quaking Aspen  | 85                        | Pole/Sapling    | 5              | 35        |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Sub-Canopy Species   | Density                   | Avg. Height     | Size           |           |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Hazelnut (American)  | Medium                    | 5 - 10 feet     | 5 - 10 feet    |           |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| 80   | 4130 - Aspen              | Poletimber Well | 42.7           | 49        | 51-80      | N/A          |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| <table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>95</td><td>Pole</td><td>8</td><td>49</td></tr><tr><td>White Pine</td><td>5</td><td>Log/Pole</td><td>10</td><td></td></tr></table>  |                           |                 | Canopy Species | % Cover   | Size Class | DBH          | Age  | Quaking Aspen | 95 | Pole         | 8  | 49 | White Pine    | 5  | Log/Pole     | 10 |    | <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Hazelnut (American)</td><td>High</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Cherry (spp.)</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table> |    |              | Sub-Canopy Species | Density | Avg. Height   | Size | Hazelnut (American) | High               | 5 - 10 feet | 5 - 10 feet  | Cherry (spp.) | Medium              | 10 - 20 feet       | 10 - 20 feet |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Canopy Species   | % Cover                   | Size Class      | DBH            | Age       |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Quaking Aspen  | 95                        | Pole            | 8              | 49        |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| White Pine   | 5                         | Log/Pole        | 10             |           |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Sub-Canopy Species   | Density                   | Avg. Height     | Size           |           |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Hazelnut (American)  | High                      | 5 - 10 feet     | 5 - 10 feet    |           |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Cherry (spp.)  | Medium                    | 10 - 20 feet    | 10 - 20 feet   |           |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| 81   | 6122 - Black Spruce       | Poletimber Well | 15.2           | 101       | 81-110     | N/A          | Cedar pocket in middle of stand. Stream located to South.                          |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| <table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Balsam Poplar</td><td>5</td><td>Pole</td><td>8</td><td></td></tr><tr><td>White Spruce</td><td>5</td><td>Log/Pole</td><td>12</td><td></td></tr><tr><td>Black Spruce</td><td>50</td><td>Pole/Sap/Log</td><td>8</td><td>101</td></tr><tr><td>Northern White Cedar</td><td>20</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>Tamarack</td><td>20</td><td>Log/Pole</td><td>10</td><td></td></tr></table> |                           |                 | Canopy Species | % Cover   | Size Class | DBH          | Age  | Balsam Poplar | 5  | Pole         | 8  |    | White Spruce  | 5  | Log/Pole     | 12 |    | Black Spruce   | 50 | Pole/Sap/Log | 8                  | 101     | Northern White Cedar  | 20   | Log/Pole            | 10                 |             | Tamarack   | 20            | Log/Pole            | 10                 |              | <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>Tag Alder</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Labrador Tea</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table> |                      |                     | Sub-Canopy Species | Density     | Avg. Height         | Size       | Red Maple   | Medium      | Variable    | Variable  | Tag Alder | Medium   | 5 - 10 feet | 5 - 10 feet | Labrador Tea | Low | 5 - 10 feet | 5 - 10 feet |  |  |
| Canopy Species   | % Cover                   | Size Class      | DBH            | Age       |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Balsam Poplar  | 5                         | Pole            | 8              |           |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| White Spruce   | 5                         | Log/Pole        | 12             |           |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Black Spruce   | 50                        | Pole/Sap/Log    | 8              | 101       |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Northern White Cedar   | 20                        | Log/Pole        | 10             |           |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Tamarack   | 20                        | Log/Pole        | 10             |           |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Sub-Canopy Species   | Density                   | Avg. Height     | Size           |           |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Red Maple  | Medium                    | Variable        | Variable       |           |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Tag Alder  | Medium                    | 5 - 10 feet     | 5 - 10 feet    |           |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Labrador Tea   | Low                       | 5 - 10 feet     | 5 - 10 feet    |           |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| 82   | 4130 - Aspen              | Sapling Well    | 7.5            | 16        | Immature   | N/A          | Floodwood Aspen TS cut 2009  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| <table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>10</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Quaking Aspen</td><td>85</td><td>Sapling</td><td>1</td><td>16</td></tr><tr><td>White Pine</td><td>5</td><td>Log/Pole/Sap</td><td>14</td><td></td></tr></table>  |                           |                 | Canopy Species | % Cover   | Size Class | DBH          | Age  | Red Maple     | 10 | Sapling      | 1  |    | Quaking Aspen | 85 | Sapling      | 1  | 16 | White Pine   | 5  | Log/Pole/Sap | 14                 |         | <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Pine</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Hazelnut (American)</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>  |      |                     | Sub-Canopy Species | Density     | Avg. Height  | Size          | White Pine          | Low                | 5 - 10 feet  | 5 - 10 feet  | Hazelnut (American)  | Medium              | 5 - 10 feet        | 5 - 10 feet |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Canopy Species   | % Cover                   | Size Class      | DBH            | Age       |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Red Maple  | 10                        | Sapling         | 1              |           |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Quaking Aspen  | 85                        | Sapling         | 1              | 16        |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| White Pine   | 5                         | Log/Pole/Sap    | 14             |           |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Sub-Canopy Species   | Density                   | Avg. Height     | Size           |           |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| White Pine   | Low                       | 5 - 10 feet     | 5 - 10 feet    |           |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Hazelnut (American)  | Medium                    | 5 - 10 feet     | 5 - 10 feet    |           |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| 83   | 110 - Low Intensity Urban | None            | 13.2           |           |            | No           | POWER LINE AND SNOWMOBILE TRAIL. Extremely rocky and portions of wet = use ATV     |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| 84   | 4130 - Aspen              | Poletimber Well | 68.1           | 27        | Immature   | N/A          | Tin Shack TS cut 1998. What little conifer is in the stand is only along the road  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
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| Canopy Species   | % Cover                   | Size Class      | DBH            | Age       |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Red Oak  | 10                        | Log/Pole/Sap    | 14             |           |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Quaking Aspen  | 85                        | Pole/Sapling    | 5              | 27        |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Bigtooth Aspen   | 5                         | Pole/Sapling    | 5              | 27        |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Sub-Canopy Species   | Density                   | Avg. Height     | Size           |           |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Red Oak  | Low                       | < 5 feet        | < 5 feet       |           |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Blackberry/Raspberry   | Low                       | 5 - 10 feet     | 5 - 10 feet    |           |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |
| Hazelnut (American)  | Medium                    | 5 - 10 feet     | 5 - 10 feet    |           |            |              |  |               |    |              |    |    |               |    |              |    |    |  |    |              |                    |         |   |      |                     |                    |             |  |               |                     |                    |              |  |                      |                     |                    |             |                     |            |             |             |             |           |           |          |             |             |              |     |             |             |  |  |



