



Compartment Review Presentation

Crystal Falls Forest Management Unit

Compartment 12189

Entry Year: 2027

Acreage: 1,794

County: Iron

Management Area: Way Dam Complex

Stand Examiner: Ed Rice

Legal Description:

T45N R31W section 14, 15, 22 - 24

Identified Planning Goals:

Optimize sustainable timber production while enhancing and protecting wildlife habitat. Continue to sustainably balance the aspen age class acres. Get the hardwood stands on a 20 year alternating cutting cycle towards regulation. Protect the riparian areas and transition zones during management activity.

Soil and topography:

Large areas in the center of the compartment have very fine sandy loams. The remainder of the area has a mix of sandy/stoney complexes. The lowland areas are muck soils. There are extensive areas of large steep hills throughout.

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

The compartment itself is contiguous in state ownership. Surrounding it is industrial forestland and private recreational land holdings. There is an agriculture land base towards the south end.

Unique Natural Features:

None identified

Archeological, Historical, and Cultural Features:

There is one low value archeological feature within the compartment.

Special Management Designations or Considerations:

Deer winter habitat along the Fence River and adjoining timber types.

Watershed and Fisheries Considerations:

The Michigan and Fence Rivers are cold water trout streams. Any aspen management should utilize a 300 foot buffer set back. All other BMP guidelines should be followed. 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:

Portions of the compartment are core deer wintering areas, notably so along the Fence River.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium and minor end moraine of coarse-textured till. There is insufficient data to determine the glacial drift thickness. The Precambrian Michigamme Formation subcrops below the glacial drift. There is no current economic use for these rocks. The abandoned Republic iron mine is located ten miles to the northeast. There are no visibly active or inactive gravel pits in the area. There is no economic oil and gas production in the UP.

Vehicle Access:

Good to fair. Many unimproved two track roads are throughout the compartment.

Survey Needs:

Sec 23: SW 1/16

Recreational Facilities and Opportunities:

None present

Fire Protection:

There are areas of dense upland spruce/fir fuel types with spruce budworm mortality, notably in section 14. These areas could present small acre control problems give the alignment of weather. Much of the above areas are bounded by water/swamp and young aspen types, providing natural fuel breaks or the very least a less volatile fuel type. Water sources are present with good access to the Fence River near by.

Additional Compartment Information:

The following reports from the Inventory are attached:

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

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

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

Cover Type & Treatments Map

Compartment: 12189
T45N R31W section 14 - 15, 22 - 24
County: Iron
Unit: Crystal Falls
Mgmt. Area: Way Dam Complex
YOE: 2027
Acres: 1,794 GIS Calculated
Examiner: Ed Rice
Date Exported: 04/28/2025
Map Phase: Web Post



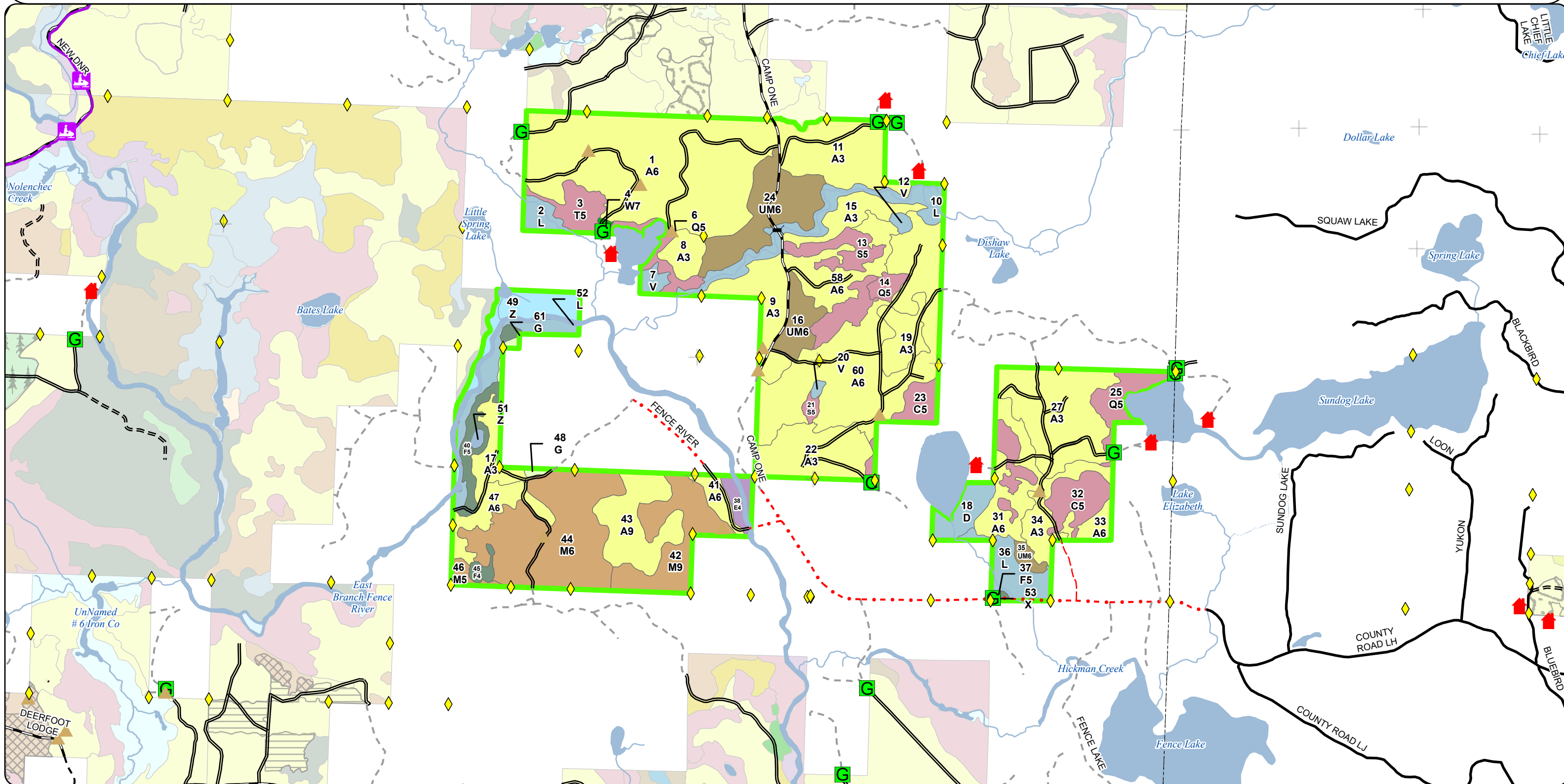
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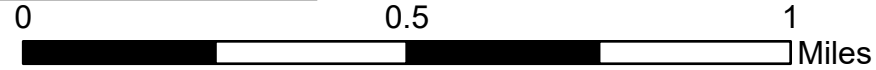
- Remunumented Section Corners
- Survey Grade Corners
- Cabin
- Berms
- Gate
- Bridges
- Designated Snowmobile Trails




























- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road

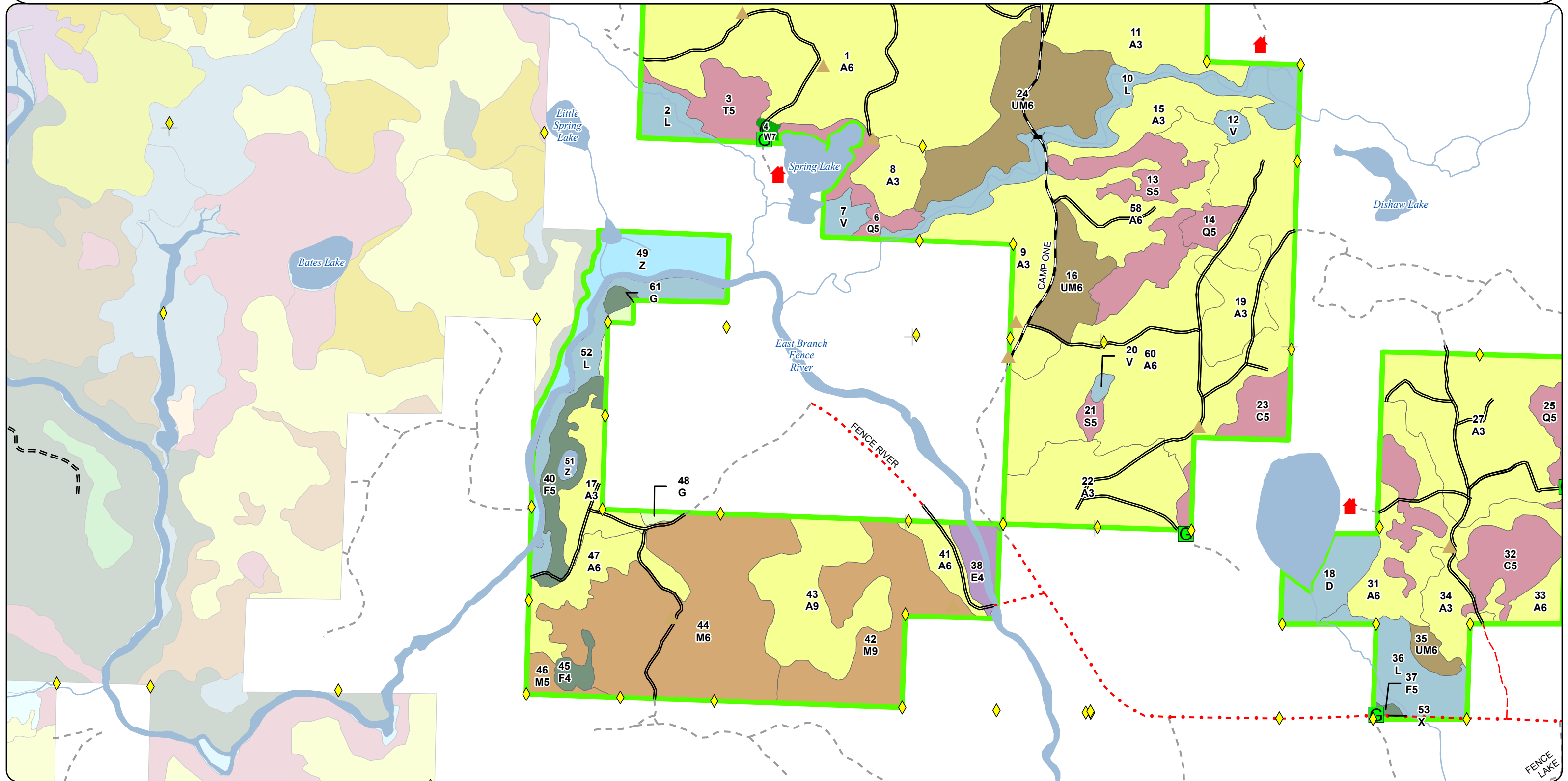
- Intermittent Stream
- Perennial River
- Lakes and Rivers
- Counties
- Compartment Boundary
- 411 - Northern Hardwood
- 413 - Aspen
- 422 - Natural Pines

- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 500 - Water
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 122 - Road/Parking Lot
- 310 - Herbaceous Openland
- 622 - Lowland Shrub





- | | | | | | | | |
|---|------------------------------|---|-------------------------------|---|-----------------------------|---|---------------------------------|
|  | Remonumented Section Corners |  | DNR - Primary Forest Road |  | Lakes and Rivers |  | 430 - Upland Mixed Forest |
|  | Survey Grade Corners |  | DNR - Secondary Forest Road |  | Counties |  | 500 - Water |
|  | Cabin |  | DNR - Forest Access Route |  | Compartment Boundary |  | 611 - Lowland Deciduous Forest |
|  | Berms |  | County - Gravel Road |  | 411 - Northern Hardwood |  | 612 - Lowland Coniferous Forest |
|  | Gate |  | County - Dirt Road (Seasonal) |  | 413 - Aspen |  | 122 - Road/Parking Lot |
|  | Bridges |  | Private - Dirt / Gravel Road |  | 422 - Natural Pines |  | 310 - Herbaceous Openland |
| | |  | Perennial River |  | 423 - Other Upland Conifers |  | 622 - Lowland Shrub |



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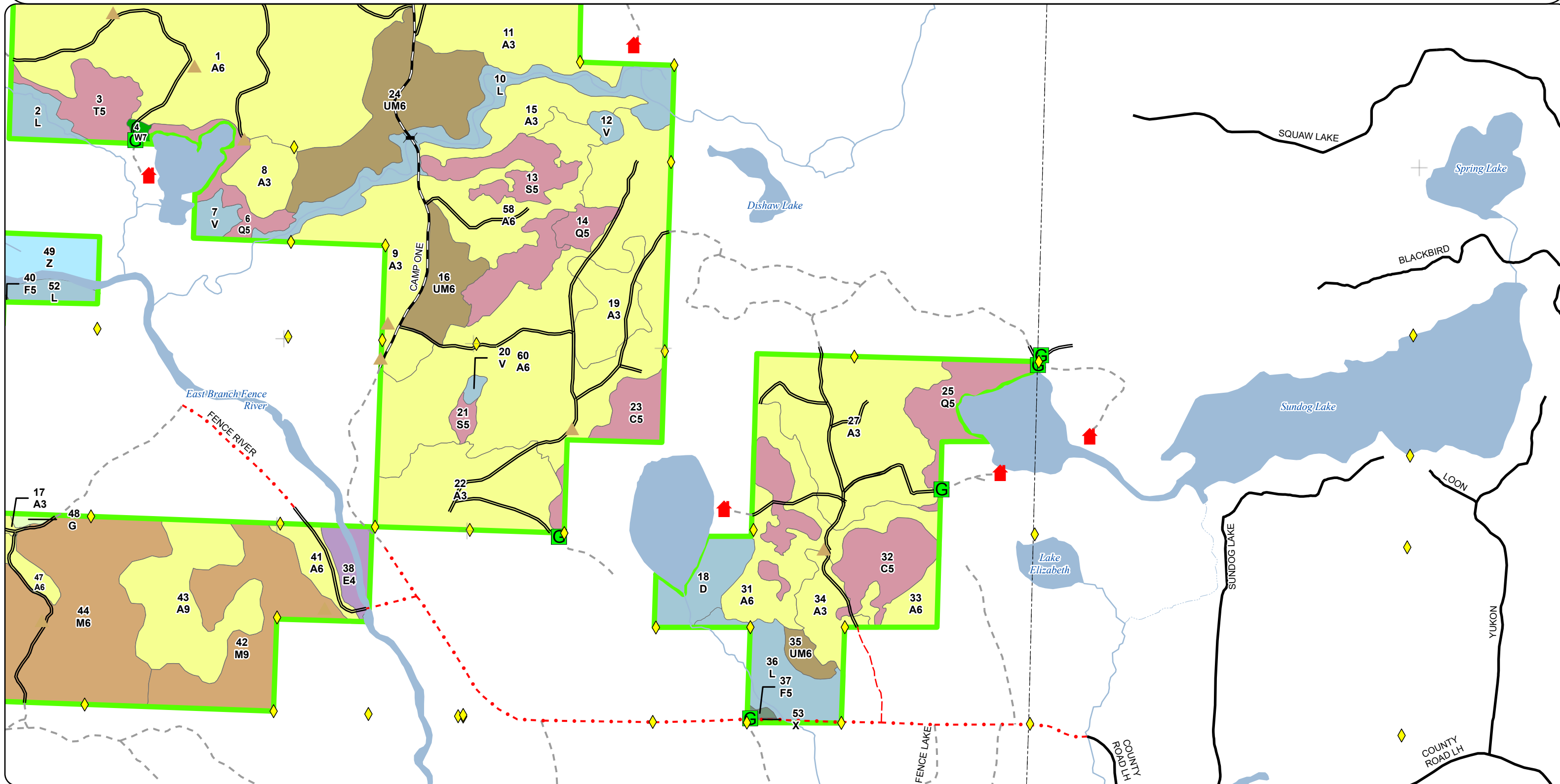
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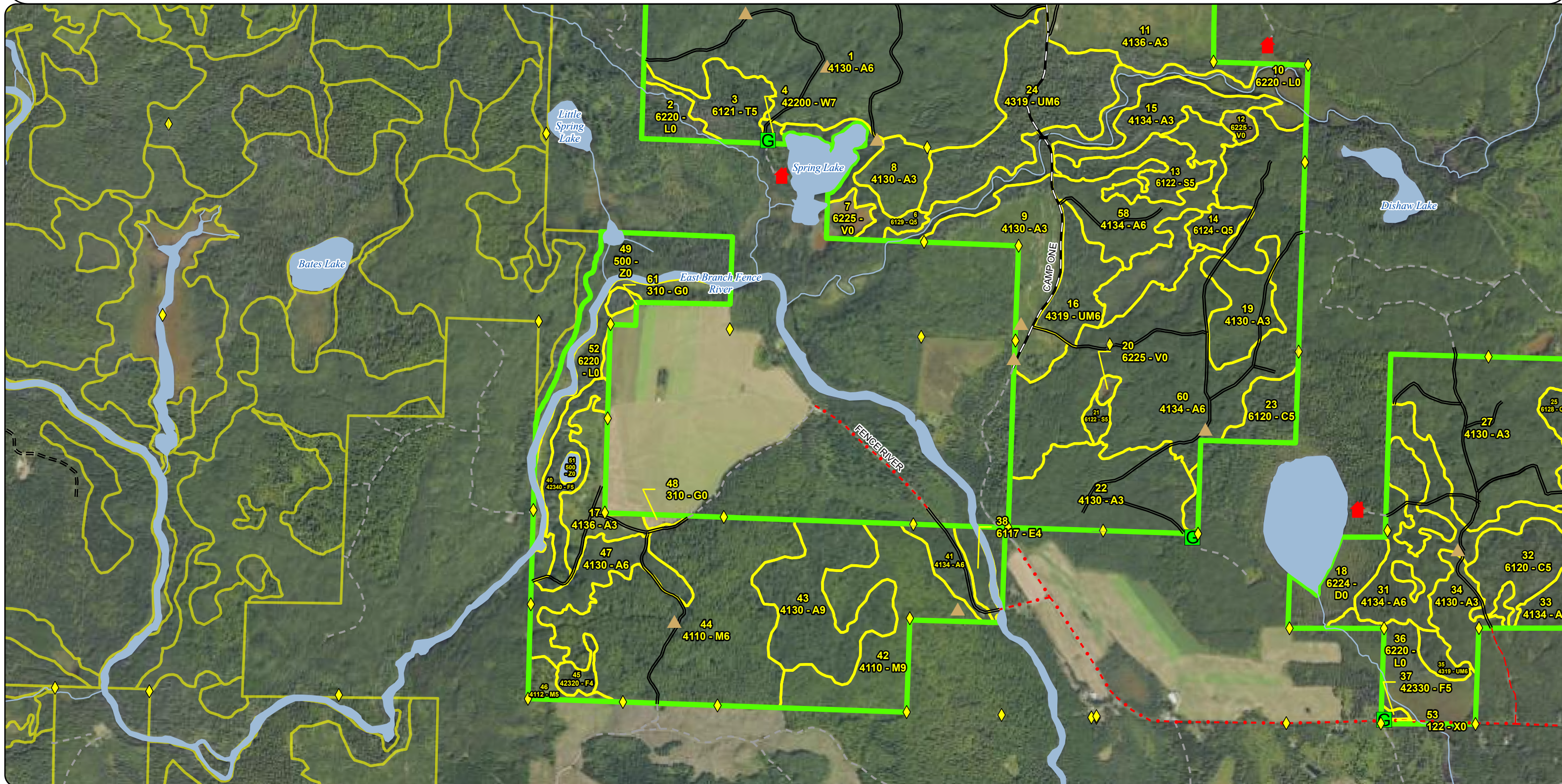
Stand Boundary Map

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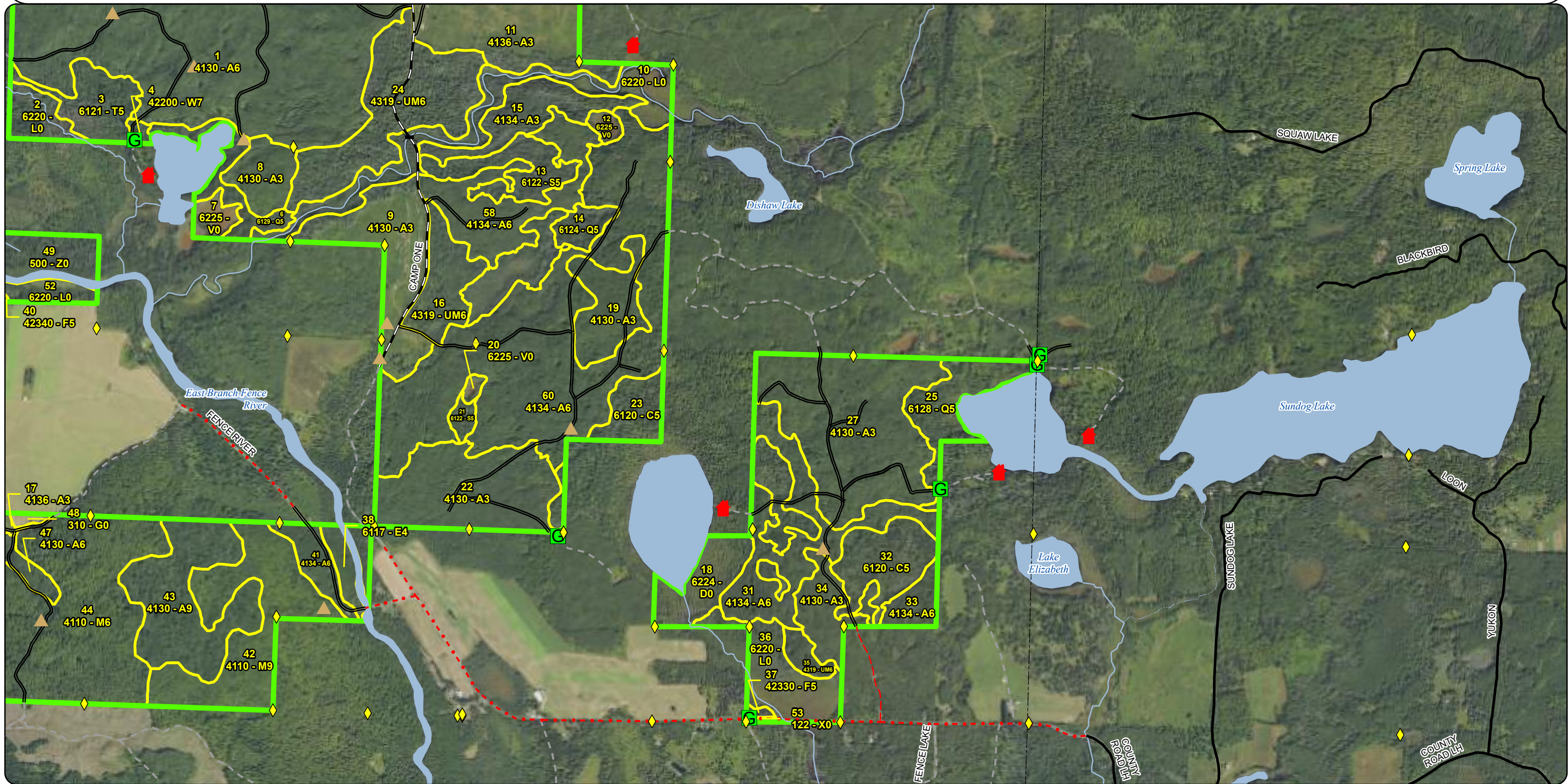
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Special Conservation Areas & Site Conditions Map

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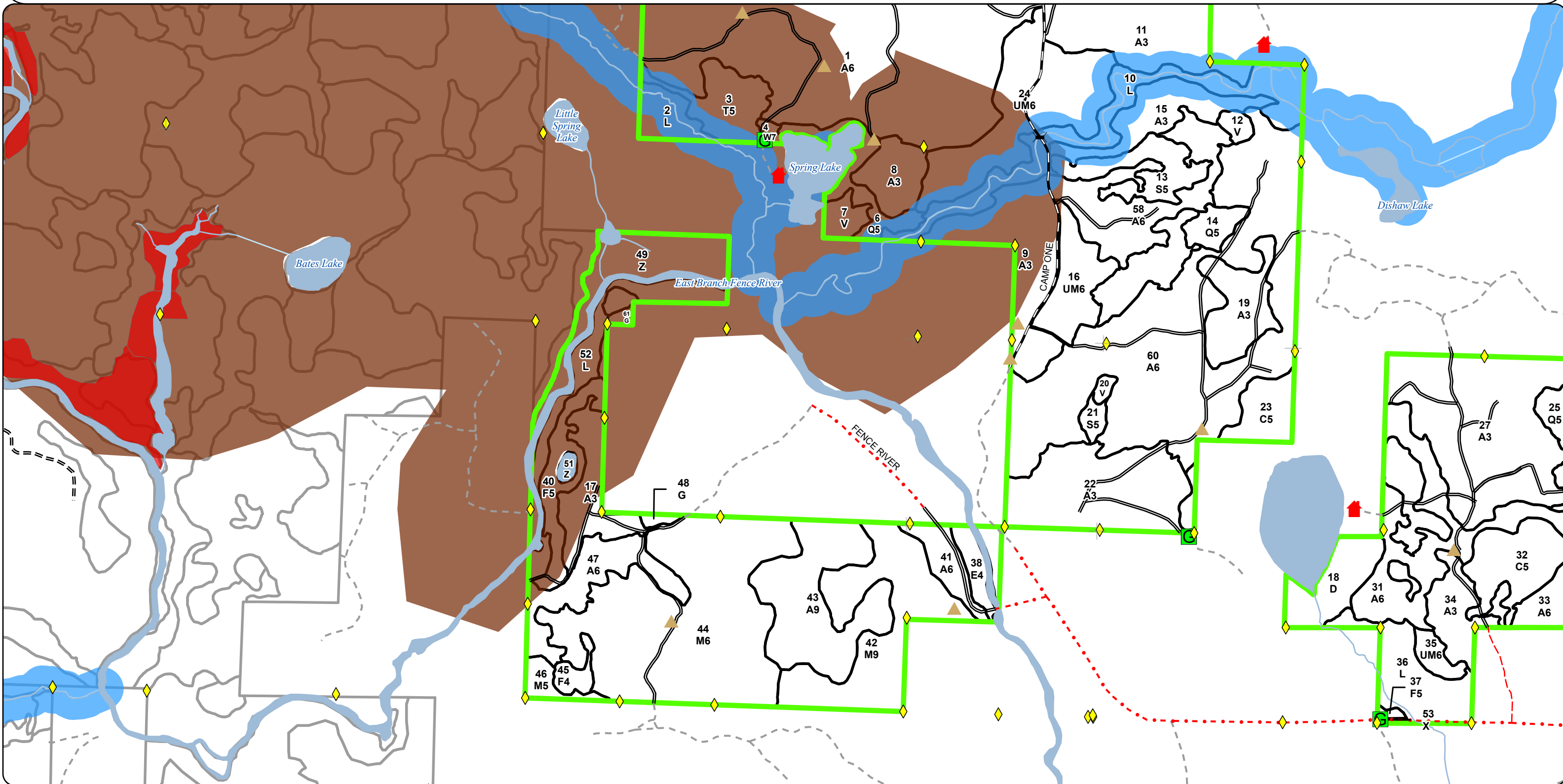
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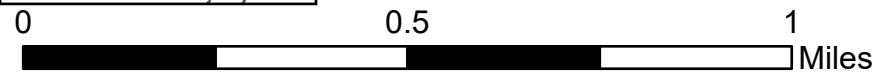
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Perennial River
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- Stand Boundaries
- Ecological Reference Areas
- Cold Water Streams
- High Priority Trout Stream Buffer
- Deer Winter Range



Special Conservation Areas & Site Conditions Map

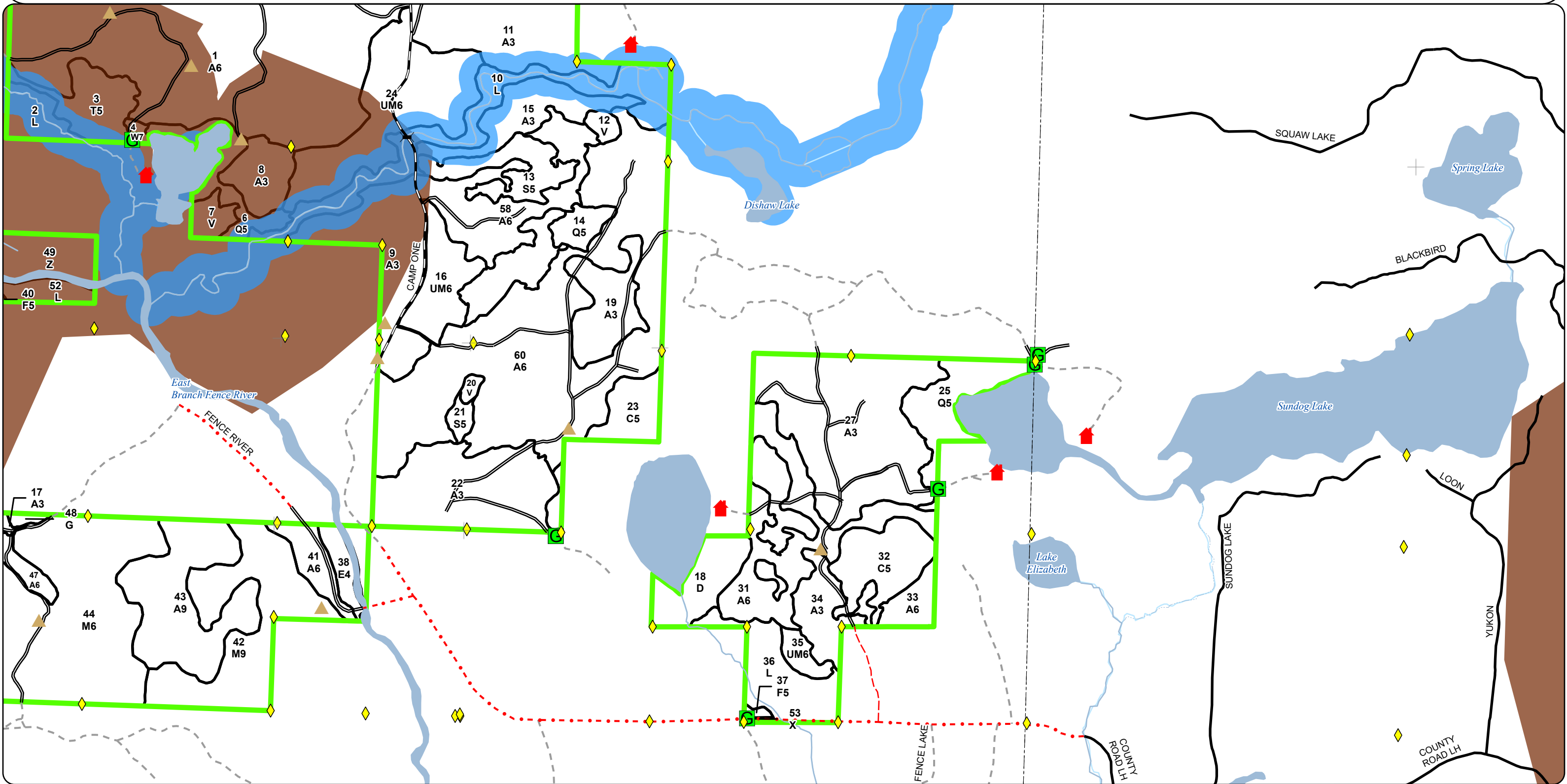
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Report 1 – Total Acres by Cover Type and Age Class



Age Class

| | Non-Forest | 0-9 | 10-19 | 20-29 | 30-39 | 40-49 | 50-59 | 60-69 | 70-79 | 80-89 | 90-99 | 100-109 | 110-119 | 120-129 | 130-139 | 140-149 | 150+ | Uneven-Aged | Total |
|---------------------|------------|------------|------------|-----------|------------|----------|------------|------------|-----------|----------|----------|----------|-----------|----------|----------|----------|----------|-------------|-------------|
| Aspen | 0 | 148 | 220 | 29 | 585 | 0 | 71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1053 |
| Bog | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| Cedar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 65 | 0 | 0 | 0 | 0 | 0 | 65 |
| Herbaceous Openland | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| Lowland Conifers | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 17 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 52 |
| Lowland Deciduous | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| Lowland Shrub | 115 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 115 |
| Lowland Spruce/Fir | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 47 |
| Northern Hardwood | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 206 | 213 |
| Tamarack | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 |
| Treed Bog | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 |
| Upland Mixed Forest | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 97 |
| Upland Spruce/Fir | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| Urban | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Water | 47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 47 |
| White Pine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Total | 202 | 148 | 220 | 29 | 585 | 0 | 154 | 149 | 38 | 0 | 2 | 0 | 65 | 0 | 0 | 0 | 0 | 206 | 1797 |



Report 2 – Treatment Summary

Crystal Falls Mgt. Unit
Year of Entry: 2027

Acres of Harvest

Compartment 189
Total Compartment Acres: 1,794

Commercial Harvest - 142
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 | 58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 58 |
| Northern Hardwood | 0 | 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 |
| Upland Mixed Forest | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 |
| Total | 83 | 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 143 |

Proposed and Next Step Treatments by Method

| | Harvest | Site Prep | Planting | Seeding | Burning | Pesticide | Monitoring | Other | Non-Forest Mgt. | Total Acres |
|---------|---------|-----------|----------|---------|---------|-----------|------------|-------|-----------------|-------------|
| Current | 143 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 143 |
| Total | 143 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 143 |



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

Proposed Treatments:

| | | | | | | | | | | | |
|--|------------------------|------|-----------------------------------|---|----|-----------------|---------|-----------|-------------------------------|--------------------|----|
| 43 | 12189043-CC | 58.2 | 4130 - Aspen | 9 | 56 | Unspeci fied | Harvest | Clearcut | 4319 - Mixed Upland Forest | Planting Record | No |
| <u>Prescription</u> Harvest all aspen 4.6" dbh and larger, spruce/fir 10" stump and larger. Do not cut any other tree species. Protect any advanced regeneration and <u>Specs:</u> buffer vernal areas. <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> mix of aspen, maple, spruce and fir. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026 | | | | | | | | | | | |
| 42 | 12189042- Selection | 60.0 | 4110 - Sugar Maple Association | 9 | 77 | 81-110 | Harvest | Selection | 411 - Northern Hardwood | Current | No |
| <u>Prescription</u> Selection harvest to 70 BA. Concentrate removals on trees that are high risk and/or will decrease in value. Where available, leave at least 2 large <u>Specs:</u> crowned sugar maple per acre for viable seed source. Keep all species represented in the stand. Do not cut oak, hemlock, cedar, yellow birch. Protect advanced regeneration, wildlife trees, and buffer vernal areas. <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> N hardwoods <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026 | | | | | | | | | | | |
| 16 | 12189016-CC | 24.3 | 4319 - Mixed Upland Forest | 6 | 50 | 81-110 | Harvest | Clearcut | 4319 - Mixed Upland Forest | Planting Record | No |
| <u>Prescription</u> Harvest all aspen, spruce, fir, tamarack, and jack pine that are 4.6" DBH and larger. Retain black cherry, paper birch and any associated red <u>Specs:</u> pine/white pine. <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> aspen, spruce, fir, pine <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026 | | | | | | | | | | | |

Total Treatment 0
Acreage Proposed:



Availability for Management

Total Acres Acres Available Acres With Condition Acres Not Available

Dominant Site Conditions

2G 2H 3E 3H 3J 5D

| | | | | | | | | | | |
|-------|-------|---|-----|----------------------|----|----|---|----|-----|----|
| 939 | 903 | 0 | 36 | Aspen | | | | | 36 | |
| 13 | 13 | 0 | 0 | Bog | | | | | | |
| 65 | 0 | 0 | 65 | Cedar | | | | 65 | | |
| 5 | 5 | 0 | 0 | Herbaceous Openland | | | | | | |
| 52 | 0 | 0 | 53 | Lowland Conifers | 17 | | | | 27 | 9 |
| 12 | 0 | 0 | 12 | Lowland Deciduous | | | | | 12 | |
| 115 | 115 | 0 | 0 | Lowland Shrub | | | | | | |
| 47 | 0 | 0 | 47 | Lowland Spruce/Fir | 43 | | | | | 4 |
| 153 | 147 | 0 | 5 | Northern Hardwood | 5 | | | | | |
| 23 | 0 | 0 | 23 | Tamarack | 23 | | | | | |
| 22 | 22 | 0 | 0 | Treed Bog | | | | | | |
| 97 | 31 | 0 | 66 | Upland Mixed Forest | | 44 | | | 22 | |
| 30 | 6 | 0 | 24 | Upland Spruce/Fir | | | 2 | | 23 | |
| 0 | 0 | 0 | 0 | Urban | | | | | | |
| 47 | 47 | 0 | 0 | Water | | | | | | |
| 2 | 2 | 0 | 0 | White Pine | | | | | | |
| 1,621 | 1,291 | | 330 | Total Forested Acres | 87 | 44 | 2 | 65 | 120 | 12 |
| | 80% | | 20% | Relative Percent | | | | | | |

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

| Site No. | Dominant Site Cond | Dominant Site Availability | Dominant Site Condition | Acres | Other Site Condition | Other Site Condition | Other Site Condition | Other Site Condition |
|--|--------------------|----------------------------|--|-------|----------------------|----------------------|----------------------|----------------------|
| 1 | Unavailable | | 3E: Easement/lease, non-military (e.g. Consumers Power red pine, etc.) | 2 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: undivided interest | | | | | | | | |



| | | | | | | | |
|--|-------------|---|----|------------------------------|-------------|-------------|-------------|
| 2 | Unavailable | 3H: Deer Wintering Area - habitat is incompatible with harvest at this time | 19 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 3 | Unavailable | 3J: Water quality/BMPs (stream, river, or lake) | 23 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 4 | Unavailable | 3H: Deer Wintering Area - habitat is incompatible with harvest at this time | 46 | 5D: Unproductive forest land | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 5 | Unavailable | 2G: Too wet (sensitive soils, does not include access issues) | 17 | 5E: Long-Term Retention | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 6 | Unavailable | 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area) | 44 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: very steep, inaccessible ridges combined with wet swamp at the base of ridges | | | | | | | |
| 7 | Unavailable | 2G: Too wet (sensitive soils, does not include access issues) | 23 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |



| | | | | | | | |
|---|-------------|---|----|---------------------------------|-------------|-------------|-------------|
| 8 | Unavailable | 3J: Water quality/BMPs (stream, river, or lake) | 10 | 5E: Long-Term Retention | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 9 | Unavailable | 3J: Water quality/BMPs (stream, river, or lake) | 9 | 5E: Long-Term Retention | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 11 | Unavailable | 3J: Water quality/BMPs (stream, river, or lake) | 22 | 5E: Long-Term Retention | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 12 | Unavailable | 2G: Too wet (sensitive soils, does not include access issues) | 43 | 5D: Unproductive forest land | Unspecified | Unspecified | Unspecified |
| Comments: multiple areas of stand are stunted, bog type spruce | | | | | | | |
| 13 | Unavailable | 5D: Unproductive forest land | 9 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: bog b spruce with cedar. see stand comments | | | | | | | |
| 14 | Unavailable | 5D: Unproductive forest land | 4 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: bog spruce, see stand comments | | | | | | | |



| | | | | | | | |
|--|-------------|---|----|--|-------------|-------------|-------------|
| 15 | Unavailable | 3J: Water quality/BMPs (stream, river, or lake) | 18 | 5E: Long-Term Retention | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 16 | Unavailable | 2G: Too wet (sensitive soils, does not include access issues) | 5 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: hemlock vernal area | | | | | | | |
| 18 | Unavailable | 3J: Water quality/BMPs (stream, river, or lake) | 27 | 3H: Deer Wintering Area - habitat is incompatible with harvest at this time | Unspecified | Unspecified | Unspecified |
| Comments: stand adjacent to Little Sundog Lake, wintering deer use. | | | | | | | |
| 19 | Unavailable | 3J: Water quality/BMPs (stream, river, or lake) | 12 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |

Mgt. Unit

Compartment: #Type!
Year of Entry:

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

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

| SCA Name | SCA Category | Detail Type | Recommendation | Acres |
|----------|--------------|-------------|----------------|-------|
| Comments | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|--------------|--------------------|-------------|--------------|---|---------------|-------|----------|-------------|---------------|---|------|--------------------|---------|--------------|----------------------|------------|----------|-------------|-------------|--|--------|--------------------|-------------|-------------|--|-----------|--------------------|--------------|--|------------|--------------------|--------------|--------------|--------------|-------------------|--------------|--------------|-------------|--|--|
| 1 | 4130 - Aspen | Sapling Well | 262.8 | 34 | Immature | N/A | 2027 YOE: Aspen has moved for the most part into small poletimber size class. There still remains high stocking of 4 inch trees. A6A22017 YOE: Aspen 2 - 4" dbh with scattered 6" trees. Much of stand is just starting to move into poletimber. Small components scattered tamarack saplings. steep hills | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>75</td><td>Sapling</td><td>6</td><td>34</td></tr><tr><td>Paper Birch</td><td>10</td><td>Pole</td><td>3</td><td></td></tr><tr><td>Balsam Fir</td><td>10</td><td>Sapling</td><td>5</td><td></td></tr><tr><td>Black Cherry</td><td>5</td><td>Log</td><td>3</td><td></td></tr></table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Quaking Aspen | 75 | Sapling | 6 | 34 | Paper Birch | 10 | Pole | 3 | | Balsam Fir | 10 | Sapling | 5 | | Black Cherry | 5 | Log | 3 | | <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Hazelnut (Beaked)</td><td>High</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table> | | Sub-Canopy Species | Density | Avg. Height | Size | Hazelnut (Beaked) | High | 5 - 10 feet | 5 - 10 feet | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 75 | Sapling | 6 | 34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 10 | Pole | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 10 | Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 5 | Log | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Beaked) | High | 5 - 10 feet | 5 - 10 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 6220 - Alder/Willow | Unspecifed | 12.7 | | | No | creek bottom with heavy tag alder. associated scattered lowland conifers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Alder</td><td>Full</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table> | | Sub-Canopy Species | Density | Avg. Height | | Size | Alder | Full | 5 - 10 feet | 5 - 10 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alder | Full | 5 - 10 feet | 5 - 10 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 6121 - Tamarack | Poletimber Medium | 22.7 | 51 | Unspecified | N/A | areas with less overstory and very dense regeneration - notably in the north end | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Tamarack</td><td>70</td><td>Seedling</td><td>7</td><td>51</td></tr><tr><td>Black Spruce</td><td>20</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>Northern White Cedar</td><td>10</td><td></td><td>9</td><td></td></tr></table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Tamarack | 70 | Seedling | 7 | 51 | Black Spruce | 20 | Seedling | 6 | | Northern White Cedar | 10 | | 9 | | <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Tamarack</td><td>High</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Alder</td><td>High</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table> | | Sub-Canopy Species | Density | Avg. Height | Size | Tamarack | High | 10 - 20 feet | 10 - 20 feet | Alder | High | 5 - 10 feet | 5 - 10 feet | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tamarack | 70 | Seedling | 7 | 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 20 | Seedling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern White Cedar | 10 | | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tamarack | High | 10 - 20 feet | 10 - 20 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alder | High | 5 - 10 feet | 5 - 10 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 4 | 42200 - Natural White Pine | Sawtimber Poor | 2.0 | 97 | 51-80 | N/A | stand lies on ridge top. aspen cut off in past harvest leaving large diameter w pine residual. weak aspen regen overall with heavier fir component | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>100</td><td></td><td>18</td><td>97</td></tr></table> | | Canopy Species | % Cover | Size Class | DBH | Age | | White Pine | 100 | | 18 | 97 | <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Balsam Fir</td><td>High</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Quaking Aspen</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table> | | Sub-Canopy Species | Density | Avg. Height | Size | Balsam Fir | High | 5 - 10 feet | 5 - 10 feet | Quaking Aspen | Medium | 5 - 10 feet | 5 - 10 feet | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 100 | | 18 | 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | High | 5 - 10 feet | 5 - 10 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | Medium | 5 - 10 feet | 5 - 10 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 6 | 6129 - Mixed Coniferous Lowland Forest | Poletimber Medium | 16.6 | 67 | Unspecified | N/A | stand is transitional lowland swamp between uplands and bog, lake, creek | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black Spruce</td><td>45</td><td>Seedling</td><td>7</td><td>67</td></tr><tr><td>Northern White Cedar</td><td>25</td><td></td><td>12</td><td></td></tr><tr><td>Tamarack</td><td>30</td><td>Seedling</td><td>7</td><td></td></tr></table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Black Spruce | 45 | Seedling | 7 | 67 | Northern White Cedar | 25 | | 12 | | Tamarack | 30 | Seedling | 7 | | <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Tag Alder</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Balsam Fir</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Black Spruce</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table> | | Sub-Canopy Species | Density | Avg. Height | Size | Tag Alder | Medium | 5 - 10 feet | 5 - 10 feet | Balsam Fir | Medium | 10 - 20 feet | 10 - 20 feet | Black Spruce | Medium | 10 - 20 feet | 10 - 20 feet | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 45 | Seedling | 7 | 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern White Cedar | 25 | | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tamarack | 30 | Seedling | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Medium | 5 - 10 feet | 5 - 10 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Medium | 10 - 20 feet | 10 - 20 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | Medium | 10 - 20 feet | 10 - 20 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 7 | 6225 - Bog | Unspecified | 7.0 | | | No | water, cattails, leatherleaf bog | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 4130 - Aspen | Sapling Well | 17.5 | 18 | Immature | N/A | 2027 YOE: Some aspen just moving into small poletimber class, A4A3. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Spruce</td><td>5</td><td>Pole</td><td>3</td><td></td></tr><tr><td>Quaking Aspen</td><td>75</td><td>Pole</td><td>3</td><td>18</td></tr><tr><td>Black Cherry</td><td>10</td><td>Log</td><td>2</td><td></td></tr><tr><td>Paper Birch</td><td>5</td><td>Log</td><td>2</td><td></td></tr><tr><td>Balsam Fir</td><td>5</td><td>Pole</td><td>4</td><td></td></tr></table> | | Canopy Species | % Cover | Size Class | DBH | Age | White Spruce | 5 | Pole | 3 | | Quaking Aspen | 75 | Pole | 3 | 18 | Black Cherry | 10 | Log | 2 | | Paper Birch | 5 | Log | 2 | | Balsam Fir | 5 | Pole | 4 | | <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Hazelnut (Beaked)</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table> | | Sub-Canopy Species | Density | Avg. Height | Size | Hazelnut (Beaked) | Medium | 5 - 10 feet | 5 - 10 feet | 2017 YOE: scattered spruce/fir. steep hill | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | 5 | Pole | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 75 | Pole | 3 | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 10 | Log | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 5 | Log | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 5 | Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Beaked) | Medium | 5 - 10 feet | 5 - 10 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |





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| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | |
|----------------------|--|-------------------|-------|-----------|----------------------|--------------|---|--|--------------|
| 23 | 6120 - Lowland Cedar | Poletimber Medium | 19.0 | 115 | Unspecified | N/A | fairly open canopy - heavy tag alder. higher stocking of tamarack in mid to south part of stand. | | |
| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | | Avg. Height | Size |
| Black Spruce | 10 | Seedling | 6 | | Balsam Fir | High | | 10 - 20 feet | 10 - 20 feet |
| Northern White Cedar | 50 | | 11 | 115 | Northern White Cedar | Low | | 5 - 10 feet | 5 - 10 feet |
| Tamarack | 40 | Seedling | 7 | | Alder | Full | | 5 - 10 feet | 5 - 10 feet |
| 24 | 4319 - Mixed Upland Forest | Poletimber Well | 66.3 | 62 | 81-110 | N/A | 2027 YOE: w spruce and much of the fir has mainly died out from SBW a few years ago. the associated upland black spruce was unaffected. small lowland inclusions in NW and SE of the stand. Very steep ridges in W portion of the stand. stand is limited in accessibility from very steep ridges and tamarack/black spruce inclusions 2017 YOE: Overall aspen is poor 2 - 3 sticks tall at 50 years old. pockets of better formed aspen 4 - 5 sticks tall on hills in center of stand. Jack pine fair to good. dense, stunted upland b spruce saplings throughout. small lowland conifer inclusion having lowland b spruce/tamarack just east of the road in south part of the stand. very scattered r pine, w pine and upland tamarack. | | |
| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | | Avg. Height | Size |
| Black Spruce | 25 | Sapling | 6 | 59 | Black Cherry | Medium | | 5 - 10 feet | 5 - 10 feet |
| Jack Pine | 5 | Seedling | 7 | | Balsam Fir | Low | | 10 - 20 feet | 10 - 20 feet |
| Black Cherry | 5 | | 8 | | Black Spruce | Full | | 10 - 20 feet | 10 - 20 feet |
| Balsam Fir | 5 | Sapling | 6 | | | | | | |
| Tamarack | 20 | Seedling | 8 | | | | | | |
| Quaking Aspen | 35 | | 10 | 62 | | | | | |
| Paper Birch | 5 | Seedling | 7 | | | | | | |
| 25 | 6128 - Lowland Coniferous, Mixed Deciduous | Poletimber Medium | 27.4 | 77 | Unspecified | N/A | | 2027 YOE: per below. shows signs of winter deer use2017 YOE: lowland along Little Sundog Lake with high ground ridges interspersed. High ground has aspen, w birch, r maple and hazel with fir understory. | |
| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | | Size |
| White Pine | 5 | | 14 | | Balsam Fir | Full | 10 - 20 feet | | 10 - 20 feet |
| Black Spruce | 45 | Seedling | 6 | 77 | Hazelnut (Beaked) | High | 5 - 10 feet | | 5 - 10 feet |
| Tamarack | 20 | Seedling | 7 | | Yellow Birch | Low | 10 - 20 feet | | 10 - 20 feet |
| Red Maple | 10 | Seedling | 6 | | Alder | Medium | 5 - 10 feet | | 5 - 10 feet |
| Paper Birch | 10 | Seedling | 9 | | | | | | |
| Quaking Aspen | 10 | | 12 | | | | | | |
| 27 | 4130 - Aspen | Sapling Well | 96.9 | 18 | Immature | N/A | 2017 YOE: aspen with scattered small conifer pockets throughout. | | |
| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | | Avg. Height | Size |
| Red Maple | 10 | Log | 1 | | Hazelnut (Beaked) | High | | 5 - 10 feet | 5 - 10 feet |
| Quaking Aspen | 80 | Log | 3 | 18 | | | | | |
| White Spruce | 5 | Pole | 3 | | | | | | |
| Balsam Fir | 5 | Pole | 3 | | | | | | |
| 31 | 4134 - Aspen, Spruce/Fir | Poletimber Well | 51.7 | 35 | Unspecified | N/A | 2027 YOE: scattered 8-9" dbh trees. areas of open understory where stand is about pure to aspen. fair amount of spruce/fir throughout the stand.2017 YOE: 3 - 4 stick trees. small pockets of lowland conifers scattered throughout along with small pockets of tamarack saplings. | | |
| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | | Avg. Height | Size |
| White Spruce | 10 | Sapling | 5 | | Balsam Fir | High | | >20 feet | >20 feet |
| Quaking Aspen | 70 | Sapling | 6 | 35 | Tamarack | Low | | 10 - 20 feet | 10 - 20 feet |
| Balsam Fir | 20 | Sapling | 5 | | | | | | |



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| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | |
|-----------------------|--------------------------------|-------------------|-------------------|------------|-------------|---------------------------|--|--------------------|--------------|--------------|
| 40 | 42340 - Upland Spruce/Fir | Poletimber Medium | 22.7 | 62 | Unspecified | N/A | 2027 YOE: moderate prior SBW mortality on w spruce2017 YOE: nearer to river stand is heavily stocked with spruce/fir. stand showing some SBW damage on tips. | | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size | |
| White Pine | | 5 | | 20 | | Black Cherry | | Medium | 5 - 10 feet | 5 - 10 feet |
| Balsam Fir | | 20 | Seedling | 8 | | Hazelnut (Beaked) | | Full | 5 - 10 feet | 5 - 10 feet |
| Quaking Aspen | | 35 | | 12 | 71 | | | | | |
| White Spruce | | 40 | Seedling | 8 | 62 | | | | | |
| 41 | 4134 - Aspen, Spruce/Fir | Poletimber Well | 12.7 | 52 | Unspecified | N/A | 2027 YOE: most spruce/fir reflushed from SBW. stand is sole stand with a sizeable conifer component in the area. heavy deer use.2017 YOE: larger spruce is being heavily hit by SBW. small component of balm | | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size | |
| Black Cherry | | 5 | Seedling | 7 | | Hazelnut (Beaked) | | High | 5 - 10 feet | 5 - 10 feet |
| Balsam Fir | | 20 | Seedling | 7 | | Balsam Fir | | High | 10 - 20 feet | 10 - 20 feet |
| Quaking Aspen | | 65 | | 9 | 52 | | | | | |
| White Spruce | | 10 | | 12 | | | | | | |
| 42 | 4110 - Sugar Maple Association | Poletimber Well | 65.3 | 77 | 81-110 | N/A | 2027 YOE: h maple ranges from 8 - 16" dbh, with scattered lower quality (cull) 18-20" dbh trees2017 YOE: scattered H maple saplings 8 - 20' tall. R maple is in more marginal areas and along stand transitional areas. very widely scattered spruce and upland cedar. vernal ponds distributed throughout stand | | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size | |
| Basswood | | 10 | | 11 | | Sugar Maple | | Low | >20 feet | >20 feet |
| Sugar Maple | | 70 | | 10 | 77 | Leatherwood | | Low | 5 - 10 feet | 5 - 10 feet |
| Red Maple | | 15 | | 11 | | Ironwood | | Low | 5 - 10 feet | 5 - 10 feet |
| Yellow Birch | | 5 | | 10 | | | | | | |
| 43 | 4130 - Aspen | Poletimber Well | 58.2 | 56 | Unspecified | N/A | 2027 YOE: along E "arm" the stand transitions to n hardwoods - smaller diameter aspen with hardwood more prevalent. 2017 YOE: Aspen 5 - 8" dbh. small inclusions of open areas. hills | | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size | |
| Black Cherry | | 5 | | 10 | | Balsam Fir | | Low | 5 - 10 feet | 5 - 10 feet |
| Sugar Maple | | 15 | Sapling | 6 | | Sugar Maple | | Medium | >20 feet | >20 feet |
| Red Maple | | 5 | Seedling | 8 | | Hazelnut (Beaked) | | Full | 5 - 10 feet | 5 - 10 feet |
| Paper Birch | | 5 | Sapling | 7 | | | | | | |
| Quaking Aspen | | 60 | | 10 | 56 | | | | | |
| Balsam Fir | | 10 | Seedling | 6 | | | | | | |
| 44 | 4110 - Sugar Maple Association | Poletimber Well | 140.7 | 77 | 81-110 | N/A | 2027 YOE: scattered upland cedar. N end had lower stand stocking with higher incidence of h maple and ironwood saplings 30 feet + due to windthrow 15 years ago. N end looks to be slightly lower quality site for n hardwoods - hazel more prevalent. 2017 YOE: far N end of stand has lower stocking with more open grown quality trees associated in this area is a pocket of mature aspen and scattered large w pine. rolling hills and scattered vernal ponds | | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size | |
| Black Cherry | | 5 | | 11 | | Sugar Maple | | Medium | >20 feet | >20 feet |
| Yellow Birch | | 5 | | 10 | | | | | | |
| Basswood | | 10 | | 12 | | | | | | |
| Sugar Maple | | 65 | | 10 | 77 | | | | | |
| Red Maple | | 15 | | 10 | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|-------------------|----------------|-----------|-------------|--------------|--|---------------|----|----------|----|----|--------------|----|----------|----|--|--|---|----------|--------------------|---------|---|------|-------------------|--------------------|-------------|---|------|--------------|--------------------|--------------|--------------|-----------------|-------------------|----------|-------------|---|------------|-------------|--------------------|-------------|-------------|-------------|-------------|------|--------------|--------------|--|--|
| 45 | 42320 - Upland Spruce | Poletimber Poor | 5.6 | 55 | Unspecified | N/A | semi open stand - open grown conifers, heavy limbs to ground level | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Balsam Fir</td><td>30</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Sugar Maple</td><td>5</td><td></td><td>12</td><td></td></tr><tr><td>Black Cherry</td><td>5</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>White Spruce</td><td>60</td><td></td><td>9</td><td>55</td></tr></table> | | | Canopy Species | % Cover | Size Class | DBH | Age | Balsam Fir | 30 | Seedling | 8 | | Sugar Maple | 5 | | 12 | | Black Cherry | 5 | Seedling | 6 | | White Spruce | 60 | | 9 | 55 | <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Hazelnut (Beaked)</td><td>Full</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Balsam Fir</td><td>High</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table> | | | Sub-Canopy Species | Density | Avg. Height | Size | Hazelnut (Beaked) | Full | 5 - 10 feet | 5 - 10 feet | Balsam Fir | High | 5 - 10 feet | 5 - 10 feet | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 30 | Seedling | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 5 | | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 5 | Seedling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | 60 | | 9 | 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Beaked) | Full | 5 - 10 feet | 5 - 10 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | High | 5 - 10 feet | 5 - 10 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46 | 4112 - Maple, Beech, Cherry Association | Poletimber Medium | 6.7 | 77 | 51-80 | N/A | 2027 YOE: r maple stump sprouting heavily browsed. light to moderate aspen sprouting where aspen was concentrated in original stand. raspberry. scattered cherry saplings2017 YOE: very low quality h maple - open grown, multiple stemmed with low limbs. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Sugar Maple</td><td>60</td><td></td><td>14</td><td>77</td></tr><tr><td>Red Maple</td><td>35</td><td></td><td>11</td><td></td></tr><tr><td>Paper Birch</td><td>5</td><td></td><td>12</td><td></td></tr></table> | | | Canopy Species | % Cover | Size Class | DBH | Age | Sugar Maple | 60 | | 14 | 77 | Red Maple | 35 | | 11 | | Paper Birch | 5 | | 12 | | <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Spruce</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Black Raspberry</td><td>Medium</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Quaking Aspen</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Red Maple</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table> | | | Sub-Canopy Species | Density | Avg. Height | Size | White Spruce | Low | 10 - 20 feet | 10 - 20 feet | Black Raspberry | Medium | < 5 feet | < 5 feet | Quaking Aspen | Low | 5 - 10 feet | 5 - 10 feet | Red Maple | Medium | 5 - 10 feet | 5 - 10 feet | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 60 | | 14 | 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 35 | | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 5 | | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | Low | 10 - 20 feet | 10 - 20 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Raspberry | Medium | < 5 feet | < 5 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | Low | 5 - 10 feet | 5 - 10 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | 5 - 10 feet | 5 - 10 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 | 4130 - Aspen | Sapling Well | 28.8 | 24 | Immature | N/A | 2027 YOE: stand just moved into small poletimber size class. still a fairly high percentage of submerchantable trees. A6/5A22017 YOE: small pockets of conifer in valleys throughout. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>Sapling</td><td>5</td><td>24</td></tr><tr><td>White Spruce</td><td>15</td><td>Seedling</td><td>7</td><td></td></tr></table> | | | Canopy Species | % Cover | Size Class | DBH | Age | Quaking Aspen | 85 | Sapling | 5 | 24 | White Spruce | 15 | Seedling | 7 | | <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Hazelnut (Beaked)</td><td>Full</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table> | | | Sub-Canopy Species | Density | Avg. Height | Size | Hazelnut (Beaked) | Full | 5 - 10 feet | 5 - 10 feet | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 85 | Sapling | 5 | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | 15 | Seedling | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Beaked) | Full | 5 - 10 feet | 5 - 10 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48 | 310 - Herbaceous Openland | Unspecified | 2.0 | | | No | open field | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 49 | 500 - Water | Unspecified | 45.3 | | | No | Fence River and small acreage adjacent tag alder lowland | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 51 | 500 - Water | Unspecified | 2.0 | | | No | bog pond and adjacent leatherleaf. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52 | 6220 - Alder/Willow | Unspecified | 25.7 | | | No | tag alder river bottom adjacent to Fence R. scattered balm, b ash and lowland conifers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 53 | 122 - Road/Parking Lot | Poletimber Medium | 0.3 | | | No | Fence River Rd | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58 | 4134 - Aspen, Spruce/Fir | Sapling Well | 43.9 | 34 | Unspecified | N/A | 2027 YOE: aspen averages 6-7" dbh with smaller diameter trees and scattered 8-9" diameter trees. fairly dense fir understory in areas2017 YOE: some of the aspen is just moving into poletimber size class. pockets of conifer scattered throughout with scattered spruce/fir 7 - 9" dbh. inclusions of upland tamarack regeneration - notably along roads. occasional w birch saplings. steep hills throughout. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Balsam Fir</td><td>20</td><td>Sapling</td><td>5</td><td></td></tr><tr><td>Tamarack</td><td>2</td><td>Log</td><td>3</td><td></td></tr><tr><td>Black Cherry</td><td>5</td><td>Log</td><td>2</td><td></td></tr><tr><td>Paper Birch</td><td>3</td><td>Log</td><td>3</td><td></td></tr><tr><td>Quaking Aspen</td><td>55</td><td>Sapling</td><td>6</td><td>34</td></tr><tr><td>White Spruce</td><td>15</td><td>Sapling</td><td>5</td><td></td></tr></table> | | | Canopy Species | % Cover | Size Class | DBH | Age | Balsam Fir | 20 | Sapling | 5 | | Tamarack | 2 | Log | 3 | | Black Cherry | 5 | Log | 2 | | Paper Birch | 3 | Log | 3 | | Quaking Aspen | 55 | Sapling | 6 | 34 | White Spruce | 15 | Sapling | 5 | | <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Balsam Fir</td><td>High</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table> | | | Sub-Canopy Species | Density | Avg. Height | Size | Balsam Fir | High | 10 - 20 feet | 10 - 20 feet | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 20 | Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tamarack | 2 | Log | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 5 | Log | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 3 | Log | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 55 | Sapling | 6 | 34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | 15 | Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | High | 10 - 20 feet | 10 - 20 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | |
|----------------|---------------------------|-----------------|------------|-----------|-------------|--------------------|---|---------|--------------|--------------|--|
| 60 | 4134 - Aspen, Spruce/Fir | Poletimber Well | 187.3 | 34 | Unspecified | N/A | 2027 YOE: aspen seems to have stagnated in growth. average dbh 6-7". Scattered single trees and clumps of 8-10" diameter, mainly adjacent to roads/more open inclusions. SBW has caused mortality of some of the larger w spruce but not all. upland b spruce unaffected but 4-6" dbh.2017 YOE: poor aspen site. areas heavier to w spruce with little fir. SBW present in stand - tip damage on trees. very scattered w spruce log sized trees and scattered upland tamarack | | | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size | |
| White Spruce | | 20 | Sapling | 5 | | White Spruce | | Full | 10 - 20 feet | 10 - 20 feet | |
| White Pine | | 3 | | 14 | | | | | | | |
| Jack Pine | | 5 | Seedling | 8 | | | | | | | |
| Red Pine | | 2 | | 12 | | | | | | | |
| Balsam Fir | | 10 | Sapling | 5 | | | | | | | |
| Quaking Aspen | | 60 | Seedling | 6 | 34 | | | | | | |
| 61 | 310 - Herbaceous Openland | Poletimber Well | 2.9 | | | No | field | | | | |