



Compartment Review Presentation

Gwinn Forest Management Unit

Compartment 32219

Entry Year 2023

Acreage: 1,134

County Marquette

Management Area: Voelker Plains

Revision Date: 2021-08-03

Stand Examiner: Jason Caron

Legal Description:

T46N-R28W, sections 4, 9, and 16.

Identified Planning Goals:

Goals within this compartment are timber production, wildlife habitat management and protection of water quality. Timber management is primarily for fiber production using even age techniques, with some sawlog and old forest condition management where appropriate. Managing the timber in this manner continues to provide for both early and late successional wildlife habitat. Applying proper Best Management Practices (BMP's) during timber harvests and road work ensures water quality protection. Aspen and northern hardwood are the primary cover types within this compartment. Within this entry there will be both aspen clearcuts along with selectively thinning hardwood to promote growth and quality.

Soil and topography:

Primarily level outwash plains with well to excessively well drained sands.

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

This compartment is mostly surrounded by State land and smaller non-industrial private ownerships with some corporate lands along the northwest edge. Land use is primarily forest production and passive recreation.

Unique Natural Features:

The Black River and some small feeder streams occur within this compartment. Some steep ridges exist along these drainages. Rocky outcrops exist within the southern portion of the compartment.

Archeological, Historical, and Cultural Features:

None known.

Special Management Designations or Considerations:

None

Watershed and Fisheries Considerations:

This compartment contains the Black River and an unnamed stream that both serve as tributaries to the Middle Branch of the Escanaba River. The Black River and unnamed tributaries are designated Type 1 trout streams less than 50' width and have predicted mean July temperatures that range from 59.9 to 65.3 °F (cold streams). A 300' buffer is recommended for Black Creek and the unnamed tributaries in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, 100' plus 5' per 1% increase in slope; buffers are recommended to protect these areas in accordance with Best Management Practices.

Wildlife Habitat Considerations:

Compartment 219 is found within the Voelker Plains Management Area; on an Outwash Plain in central Marquette County. The dominant Natural Communities are dry northern forests and dry mesic northern forests. Wildlife considerations in the Voelker Plains management area consist of: managing jack pine habitat with strategies that more closely mimic natural fire disturbance regimes and increasing stand size and striving to accommodate many species associated with xeric forest habitat is desirable. Wildlife management issues in the management area are: early successional forest conditions (associated with alder, riparian zones, or forested wetlands), mast (hard and soft); habitat fragmentation, early successional forest; and large open land complexes.

The following have been identified as featured species for the Voelker Plains Management Area: American woodcock, beaver, black bear, and Kirtland's warbler.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial oil & gas production in this part of the state. Two active sand/gravel pits occur just over one mile to the east. There appears to be limited potential for sand & gravel development within the compartment. There is no known potential for metallic minerals beneath the compartment. However, little information is

available, and there is some history of metallic mineral leasing in the area.

Vehicle Access:

Vehicle access is good within the compartment with a couple separate state forest roads leading into the compartment.

Survey Needs:

No survey needs exist for this year of entry.

Recreational Facilities and Opportunities:

No recreational facilities exist. Recreational opportunities consist of hunting, fishing, gathering, hiking, and biking.

Fire Protection:

Fire protection is of concern within this compartment, especially within both the jack pine and red pine cover types. Good access within the northern part of the compartment provides good access for fire equipment.

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

Report 1 – Total Acres by Cover Type and Age Class

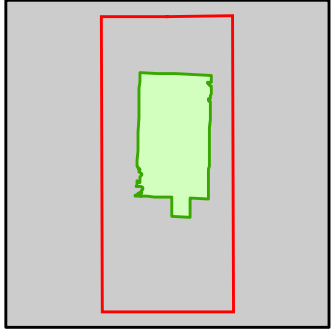


Age Class

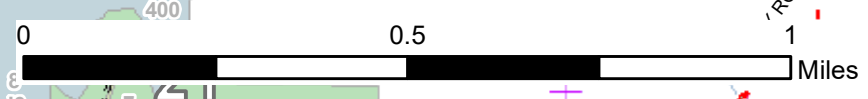
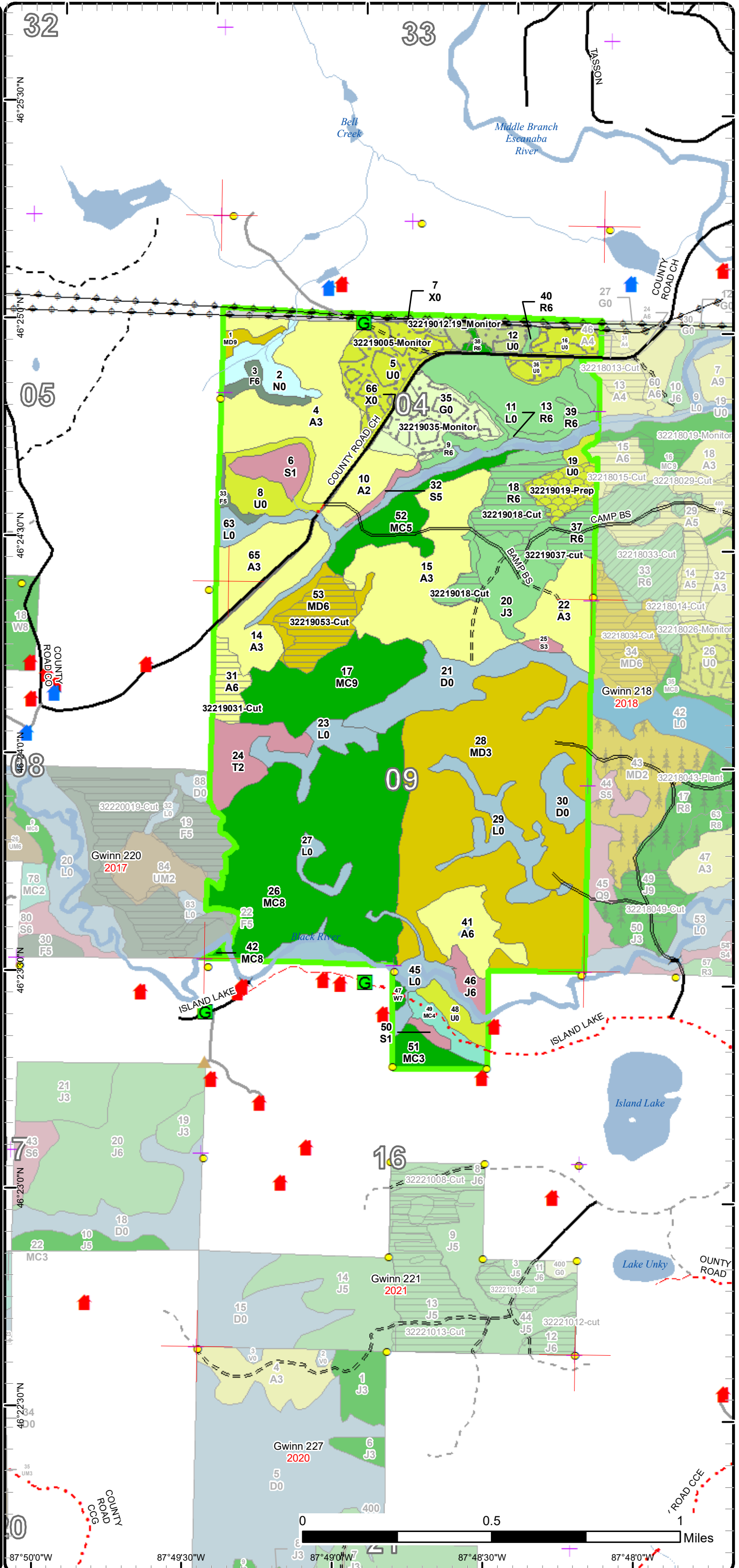
| | Non-Forest | 0-9 | 10-19 | 20-29 | 30-39 | 40-49 | 50-59 | 60-69 | 70-79 | 80-89 | 90-99 | 100-109 | 110-119 | 120-129 | 130-139 | 140-149 | 150+ | Uneven-Aged | Total |
|------------------------|------------|------------|-----------|------------|-----------|----------|-----------|-----------|----------|----------|-----------|----------|----------|----------|----------|-----------|----------|-------------|-------------|
| Aspen | 0 | 108 | 44 | 61 | 22 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 245 |
| Herbaceous Openland | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 |
| Jack Pine | 0 | 0 | 27 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34 |
| Low-Density Trees | 84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 84 |
| Lowland Shrub | 83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 83 |
| Lowland Spruce/Fir | 0 | 0 | 4 | 0 | 0 | 0 | 11 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| Marsh | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| Mixed Upland Deciduous | 0 | 0 | 0 | 179 | 0 | 0 | 29 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 212 |
| Natural Mixed Pines | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 1 | 0 | 0 | 0 | 48 | 0 | 153 | 223 | |
| Red Pine | 0 | 0 | 0 | 0 | 0 | 49 | 38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 87 |
| Tamarack | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 |
| Treed Bog | 43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43 |
| Upland Conifers | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 8 |
| Upland Shrub | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| Upland Spruce/Fir | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| Urban | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 |
| White Pine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| Total | 278 | 108 | 75 | 247 | 22 | 0 | 81 | 78 | 4 | 6 | 27 | 1 | 0 | 0 | 0 | 48 | 0 | 162 | 1135 |

Cover Type & Treatments Map

Compartment: 219
 T46N, R28W, Sec. 04, 09, 16
 County: Marquette
 Unit: Gwinn
 Mgmt Area: Voelker Plains
 YOE: 2023
 Acres: 1134.3 GIS Calculated
 Examiner: Jason Caron
 Map Revised: 8/13/2021
 Map Phase: Review



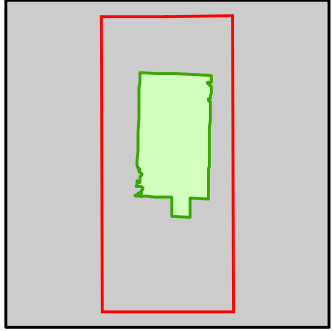
- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Paved Road
- Private - Dirt / Gravel Road
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Cabin
- House
- ▲ Berms
- G Gate
- ✕ Bridges
- ⊕ Powerline
- Compartment Boundary
- Clearcut (w/Reserves)
- Regeneration Survey
- Site Prep
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 612 - Lowland Coniferous Forest
- 110 - Low Intensity Urban
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 623 - Emergent Wetland



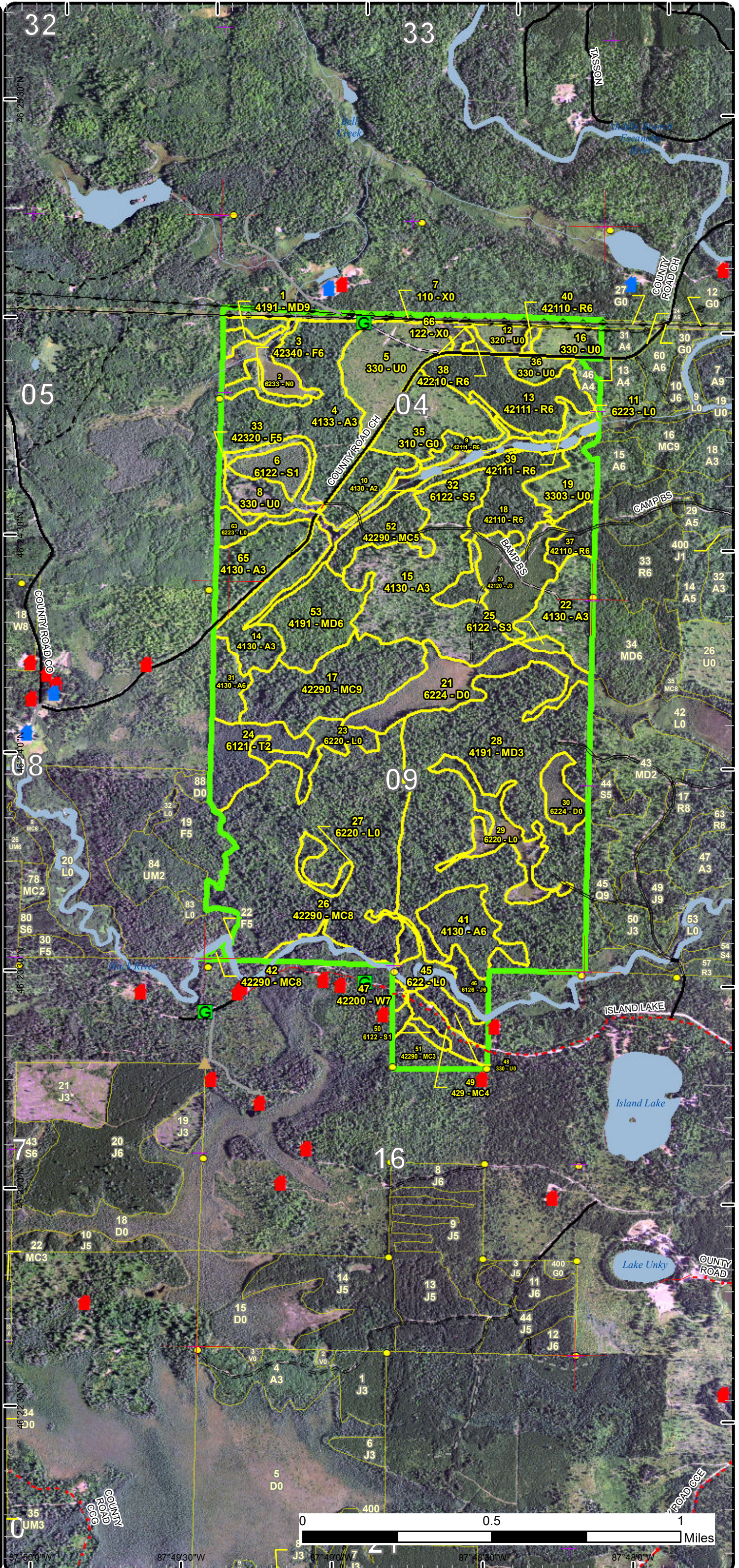
87°50'0"W 87°49'30"W 87°49'0"W 87°48'30"W 87°48'0"W

Stand Boundary Map

Compartment: 219
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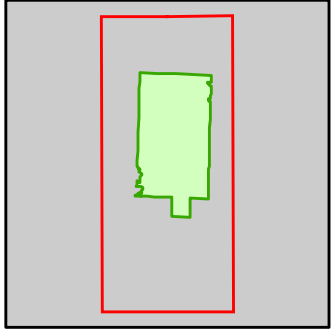


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
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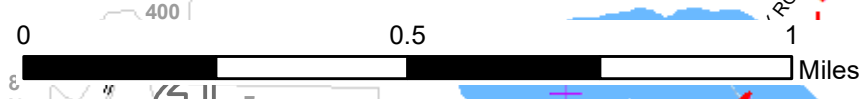
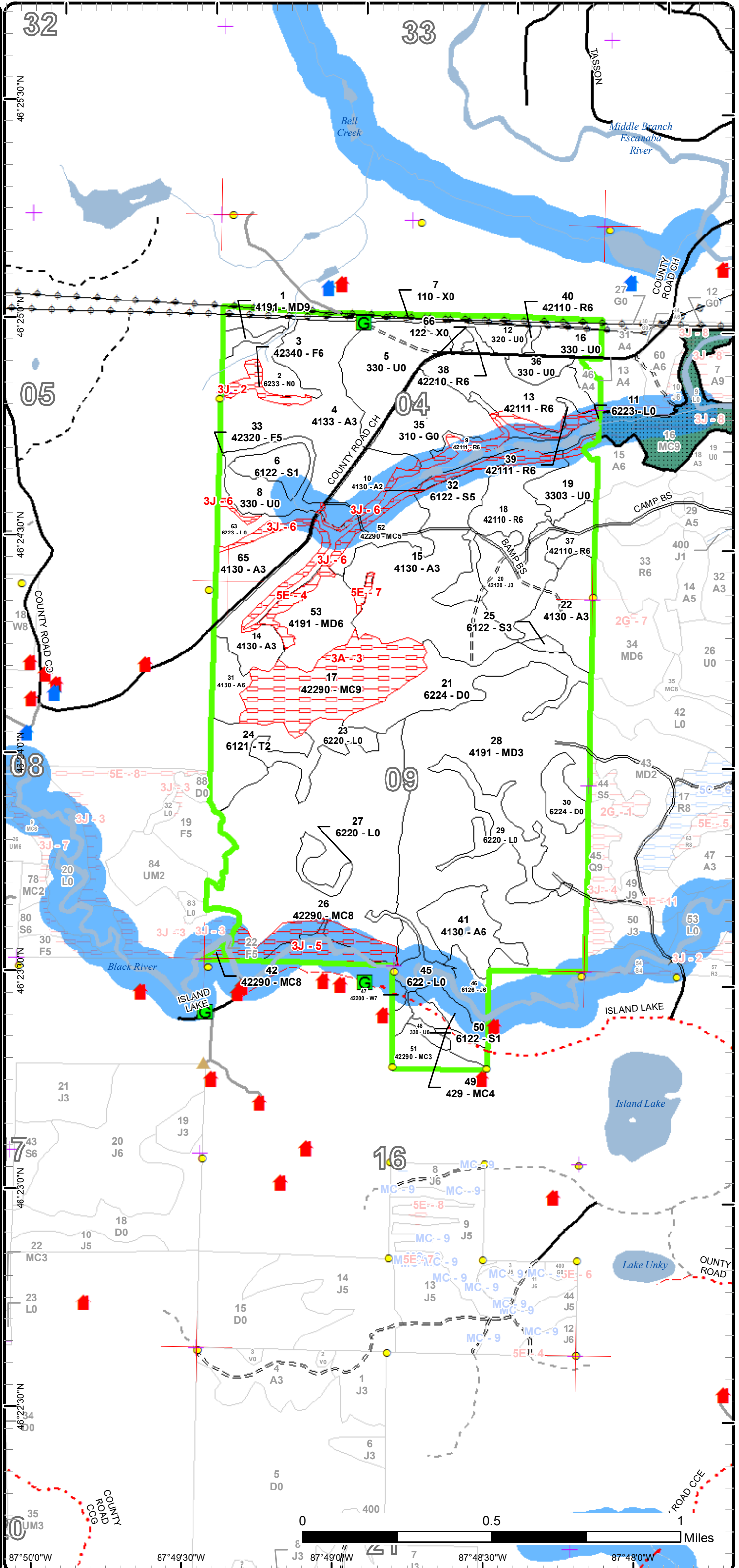


Special Conservation Areas

Compartment: 219
 T46N, R28W, Sec. 04, 09, 16
 County: Marquette
 Unit: Gwinn
 Mgmt Area: Voelker Plains
 YOE: 2023
 Acres: 1134.3 GIS Calculated
 Examiner: Jason Caron
 Map Revised: 8/13/2021
 Map Phase: Review



- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- 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 - Paved Road
- Private - Dirt / Gravel Road
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Cabin
- House
- ▲ Berms
- G Gate
- Bridges
- Powerline
- Compartment Boundary
- Unavailable
- 3A: Conservation Values incompatible with harvest at this time
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- Stand Boundaries
- SCA
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer
- Habitat Corridor



87°50'0"W 87°49'30"W 87°48'30"W 87°48'0"W



Report 2 – Treatment Summary

Gwinn Mgt. Unit

Year of Entry: 2023

Acres of Harvest

Compartment 219
Total Compartment Acres: 1,134

Commercial Harvest - 65
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 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| Mixed Upland Deciduous | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 |
| Red Pine | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 |
| Total | 65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 65 |

Proposed and Next Step Treatments by Method

| | Harvest | Site Prep | Planting | Seeding | Burning | Pesticide | Monitoring | Other | Non-Forest Mgt. | Total Acres |
|--------------|-----------|-----------|-----------|----------|----------|------------|------------|----------|-----------------|-------------|
| Current | 65 | 12 | 0 | 0 | 0 | 74 | 0 | 0 | 0 | 150 |
| Next Step | 0 | 64 | 94 | 0 | 0 | 119 | 134 | 0 | 0 | 410 |
| Total | 65 | 76 | 94 | 0 | 0 | 119 | 207 | 0 | 0 | 560 |



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

Proposed Treatments:

| | | | | | | | | | | | |
|--|---------------------|------|--|--------------------|----|--------|---------|----------------------------|-------------------------------|-----------|----|
| 18 | 32219018-Cut | 22.9 | 42110 - Planted Red Pine | Poletimber Well | 60 | 81-110 | Harvest | Clearcut with Retention | 4211 - Planted Red Pine | Even-Aged | No |
| <p><u>Prescription</u> Clearcut with reserves. Do not harvest oak if it exists within the stand. Buffer along the north flowage will serve as the retention for the stand.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> SitePrep, Trenching; Pesticide, Skidder - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); SitePrep, Roller Chopping;</p> <p><u>Treatments:</u> Monitoring, Artificial Regen(3yr); Pesticide, Skidder - Release</p> <p><u>Acceptable</u> Red pine</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> 10/1 /2022</p> | | | | | | | | | | | |
| 31 | 32219031-Cut | 10.5 | 4130 - Aspen | Poletimber Well | 50 | 81-110 | Harvest | Clearcut with Retention | 4134 - Aspen, Spruce/Fir | Even-Aged | No |
| <p><u>Prescription</u> Clearcut with reserves. Red line out a patch of mature timber to meet retention guidelines. Do not harvest under-represented species such as white pine, red pine, and 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> Aspen, spruce, fir, pine, oak, birch.</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> 10/1 /2022</p> | | | | | | | | | | | |
| 37 | 32219037-cut | 9.2 | 42110 - Planted Red Pine | Poletimber Well | 60 | 81-110 | Harvest | Clearcut with Retention | 4211 - Planted Red Pine | Even-Aged | No |
| <p><u>Prescription</u> Clearcut with reserves. Do not harvest oak if it exists within the stand. Red line out a patch of mature timber to meet retention guidelines.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Pesticide, Skidder - Site Prep; SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); SitePrep, Roller Chopping;</p> <p><u>Treatments:</u> Monitoring, Artificial Regen(3yr); Pesticide, Aerial - Release</p> <p><u>Acceptable</u> Red pine</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> 10/1 /2022</p> | | | | | | | | | | | |
| 53 | 32219053-Cut | 22.0 | 4191 - Mixed Upland Deciduous with Conifer | Poletimber Well | 60 | 81-110 | Harvest | Clearcut with Retention | 4319 - Mixed Upland Forest | Even-Aged | No |
| <p><u>Prescription</u> Clearcut with retention. Red line out a patch of mature timber to meet retention guidelines. Retain some under-represented species, such as red pine, white pine, and yellow birch. Do not harvest hemlock or 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> Pine, aspen, maple, birch, fir, and spruce.</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> 10/1 /2022</p> | | | | | | | | | | | |



| 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 |
|-----------------------|-------------------|-------|--------------------|-----------------|--------------|-------------|-------------------|---------------------|-------------------------|------------------|----------------|
|-----------------------|-------------------|-------|--------------------|-----------------|--------------|-------------|-------------------|---------------------|-------------------------|------------------|----------------|

Approved Treatments:

| | | | | | | | | | | | |
|--|----------------------------|------|--------------------------------|------------|---|-------------|------------|-----------------------|---------------------------|-----------|----|
| 5 | 32219005-Monitor | 29.6 | 330 - Low-Density Trees | Nonstocked | 0 | Unspecified | Monitoring | Artificial Regen(3yr) | 42120 - Planted Jack Pine | Even-Aged | No |
| <p><u>Prescription</u> Count</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Planting, Replant</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> jack pine</p> <p><u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</p> | | | | | | | | | | | |
| 12 | 32219012.19_Monitor | 9.1 | 320 - Upland Shrub | Nonstocked | 0 | Unspecified | Monitoring | Artificial Regen(3yr) | 42120 - Planted Jack Pine | Even-Aged | No |
| <p><u>Prescription</u> Count per regen manual</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Artificial Regen(1yr); Planting, Replant</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> jack pine</p> <p><u>Regen:</u></p> <p><u>Other</u> C32-799</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</p> | | | | | | | | | | | |
| 16 | 32219013-Monitor | 7.4 | 330 - Low-Density Trees | Nonstocked | 0 | Unspecified | Monitoring | Artificial Regen(3yr) | 42120 - Planted Jack Pine | Even-Aged | No |
| <p><u>Prescription</u> Count per regen manual.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> ; Planting, Replant; Pesticide, (Inactive)Skidder/Mechanical</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> jack pine</p> <p><u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</p> | | | | | | | | | | | |
| 19 | 32219019-Prep | 11.8 | 3303 - Mixed Low Density Trees | Nonstocked | 0 | | SitePrep | Trenching | 42110 - Planted Red Pine | Even-Aged | No |
| <p><u>Prescription</u> trench at 8 foot spacing</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Pesticide, Skidder - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Pesticide, Skidder - Release; Monitoring, Artificial</p> <p><u>Treatments:</u> Regen(3yr)</p> <p><u>Acceptable</u> Jack Pine</p> <p><u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</p> | | | | | | | | | | | |



| 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 |
|--|----------------------------|-------|------------------------------|-----------------|--------------|-----------------|-------------------|--------------------------|-----------------------------|------------------|----------------|
| 35 | 32219035-Monitor | 23.4 | 310 - Herbaceous Openland | Nonstocked | 0 | Unspec ified | Monitoring | Artificial Regen(3yr) | 42110 - Planted Red Pine | Even-Aged | No |
| <u>Prescription</u> 3 year regen check <u>Specs:</u> <u>Next Step</u> Pesticide, Skidder - Release <u>Treatments:</u> <u>Acceptable</u> Red Pine, mixed conifer <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2020 | | | | | | | | | | | |
| 36 | 32219036.17_Monitor | 4.1 | 330 - Low-Density Trees | Nonstocked | | Unspec ified | Monitoring | Artificial Regen(3yr) | 4222 - Natural Jack Pine | Even-Aged | No |
| <u>Prescription</u> Count per regen manual <u>Specs:</u> <u>Next Step</u> Monitoring, Artificial Regen(1yr); Planting, Replant <u>Treatments:</u> <u>Acceptable</u> jack pine <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2020 | | | | | | | | | | | |

Total Treatment 150
Acreage Proposed:

Report 4 – Site Conditions

Gwinn Mgt. Unit
Jason Caron : Examiner

Compartment: 219
Year of Entry: 2023

Availability for Management

| Total Acres | Acres Available | Acres Avail | | Dominant Site Conditions | Dominant Site Conditions | | |
|----------------|--------------------|----------------|---------------|--------------------------|--------------------------|----|----|
| | | With Condition | Not Available | | 3A | 3J | 5E |
| 245 | 237 | 0 | 8 | Aspen | | 8 | 0 |
| 27 | 27 | 0 | 0 | Herbaceous Openland | | | |
| 33 | 33 | 0 | 0 | Jack Pine | | | |
| 84 | 83 | 0 | 1 | Low-Density Trees | | 1 | |
| 84 | 74 | 0 | 10 | Lowland Shrub | | 10 | |
| 18 | 15 | 0 | 3 | Lowland Spruce/Fir | | 3 | |
| 13 | 13 | 0 | 0 | Marsh | | 0 | |
| 211 | 205 | 0 | 6 | Mixed Upland Deciduous | | 0 | 6 |
| 223 | 153 | 0 | 69 | Natural Mixed Pines | 48 | 22 | |
| 88 | 76 | 0 | 12 | Red Pine | | 12 | |
| 21 | 21 | 0 | 0 | Tamarack | | | |
| 43 | 43 | 0 | 0 | Treed Bog | | | |
| 8 | 8 | 0 | 0 | Upland Conifers | | | |
| 9 | 9 | 0 | 0 | Upland Shrub | | | |
| 8 | 2 | 0 | 6 | Upland Spruce/Fir | | 6 | |
| 19 | 19 | 0 | 0 | Urban | | 0 | |
| 1 | 1 | 0 | 0 | White Pine | | | |
| 1,134 | 1,019 | | 116 | Total Forested Acres | 48 | 62 | 6 |
| | 90% | | 10% | Relative Percent | | | |

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

| Site No. | Dominant Site Cond Availability | Dominant Site Condition | Acres | Other Site Condition | Other Site Condition | Other Site Condition | Other Site Condition |
|---|---------------------------------|--|-------|----------------------|----------------------|----------------------|----------------------|
| 2 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 5 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 3 | Unavailable | 3A: Conservation Values incompatible with harvest at this time | 48 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: Stand of mostly legacy tree sized white pine. | | | | | | | |

Report 4 – Site Conditions

Gwinn Mgt. Unit
Jason Caron : Examiner

Compartment: 219
Year of Entry: 2023

| | | | | | | | |
|---|-------------|--|----|-------------|-------------|-------------|-------------|
| 4 | Unavailable | 5E: Long-Term Retention | 5 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 5 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 26 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: Stand was hit by storm in 2002 and balsam is scattered. Some of stand is now in the adjacent compartment treatment as well, capturing some of the merchantable fir component. | | | | | | | |
| 6 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 31 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 7 | Unavailable | 5E: Long-Term Retention | 2 | 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



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

* This is a list of SCA's for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to the Special Conservation Area Map for locations of the below listed Conservation Areas.

ERA = Ecological Reference Area
HCVA = High Conservation Value Area
SCA = Special Conservation Area

| Conservation Area | Type | Description |
|-------------------|-------------------|--|
| SCA | Cold Water Lake | A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200. |
| SCA | Cold Water Stream | A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210. |
| SCA | Riparian Area | A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity. |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|--|---|----------------|--|-------------|--------------------------|---|-------------|------|-----------|-----|----|---------------|-------------------|----------|----|------------|---------------|-------|--------------|---------|--|--------------|----|----------|----|--|--------------|----|----------|----|----|------------|----|--|--------------------|---------|-------------|------|------------|--------|--------------|---------|--------------|---|--------------------|---------|--------------|--------|-------------|---------|-------------------|---------|--------------|------------|-------------------|---------|-------------|------------|-------------|---------|-------------------|--------|----------|------------|--|--|
| 1 | 4191 - Mixed Upland Deciduous with Conifer | Sawtimber Well | 3.5 | 75 | 81-110 | N/A | Stand was retained as a buffer for a large beaver pond/meadow complex. Fir and white spruce are in severe decline due to the budworm outbreak. I'm guessing in a couple years the mature white spruce and fir will fall out of the stand. Ground is very hummocky. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>40</td> <td>Log/Pole</td> <td>10</td> <td>75</td> </tr> <tr> <td>Paper Birch</td> <td>25</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>White Spruce</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>10</td> <td>Pole</td> <td>9</td> <td></td> </tr> </tbody> </table> | Canopy Species | % Cover | Size Class | DBH | Age | Red Maple | 40 | Log/Pole | 10 | 75 | Paper Birch | 25 | Log/Pole | 10 | | Balsam Fir | 10 | Log/Pole | 10 | | White Spruce | 10 | Log/Pole | 10 | | Black Spruce | 10 | Pole | 9 | | | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Black Spruce</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Hazelnut (Beaked)</td> <td>High</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Medium | 10 - 20 feet | Sapling | Balsam Fir | Medium | 5 - 10 feet | Sapling | Black Spruce | Medium | 5 - 10 feet | Sapling | Tag Alder | Low | 5 - 10 feet | Tall Shrub | Hazelnut (Beaked) | High | < 5 feet | Tall Shrub | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 40 | Log/Pole | 10 | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 25 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 10 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | 10 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 10 | Pole | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Beaked) | High | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 6233 - Wet Meadow | Nonstocked | 12.5 | | Unspecified | No | New and old beaver ponds and meadows. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Low</td> <td></td> <td>Tall Shrub</td> </tr> <tr> <td>Hazelnut (Beaked)</td> <td>Trace</td> <td></td> <td>Tall Shrub</td> </tr> <tr> <td>Jack Pine</td> <td>Trace</td> <td></td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Tag Alder | Low | | Tall Shrub | Hazelnut (Beaked) | Trace | | Tall Shrub | Jack Pine | Trace | | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Low | | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Beaked) | Trace | | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | Trace | | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 42340 - Upland Spruce/Fir | Poletimber Well | 5.5 | 80 | 51-80 | N/A | Stand was retained as a buffer to a large beaver pond/meadow complex. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 5 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 5 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 5 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 10 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 55 | Pole | 6 | 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 10 | Log/Pole | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 10 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | High | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Beaked) | Medium | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 4133 - Aspen, Mixed Pine | Sapling Well | 61.3 | 24 | 1-50 | N/A | Harvested in 1996. Oak, cherry, red and white pine and white birch seed trees retained. Stand is fully stocked and healthy. Aspen is mid-quality as it is growing on a well drained site. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 5 | Sapling | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 65 | Sapling | 4 | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 5 | Pole/Sapling | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 15 | Log | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 10 | Log/Pole | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Beaked) | High | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Choke Cherry | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 330 - Low-Density Trees | Nonstocked | 31.4 | 0 | Unspecified | 4222 - Natural Jack Pine | Trenched in the fall of 2016 C32-799 at a cost of \$1600 for the whole FTP. Planted in the spring of 2017 at a rate of 1000T/A. The spring of 2017 was wet hopefully improving regen. For full cost figures reference C32-799. Average of 554 T/A on first count. walk though year 2 to assess need for replant | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|------------|--------------------|-------------|---------------------------|--|--------------|--------------|---|---------|---------------|-----|--------------|------------|--|---|---|--------------------|---------|-------------|----------|--------------|--------|-------------|---------|-----------|-----|-------------|---------|-----------|--|-------------|--------------------|---------|-------------|------|--------------|-----|-------------|---------|-------------------|--------|----------|------------|--------------|-----|-------------|------------|--|--|--|--|
| 6 | 6122 - Black Spruce | Sapling Poor | 10.7 | 60 | 1-50 | N/A | Treed bog. Stand was undoubtedly was once a small pond. Trees are stagnant and very slow growing due to the high water table. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>70</td> <td>Sapling/Pole</td> <td>4</td> <td>60</td> </tr> <tr> <td>Tamarack</td> <td>30</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Black Spruce | 70 | Sapling/Pole | 4 | 60 | Tamarack | 30 | Sapling/Pole | 4 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Tamarack</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Black Spruce | Medium | 5 - 10 feet | Sapling | Tamarack | Low | 5 - 10 feet | Sapling | Tag Alder | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 70 | Sapling/Pole | 4 | 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tamarack | 30 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tamarack | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 110 - Low Intensity Urban | Nonstocked | 13.7 | | | No | Power Line Right Of Way. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 330 - Low-Density Trees | Nonstocked | 15.5 | 0 | Unspecified | 6124 - Lowland Spruce-Fir | Cut by Hill Logging inc. in spring of 2015. Sale # 32-102-13-01 Poor Persons Popple. Stand is filling in with a mix of species. Stand will be fully stocked by the next YOE. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 42111 - Planted Red Pine, Mixed Deciduous | Poletimber Well | 6.5 | 55 | 81-110 | N/A | Machine planted to red pine in 1965. Significant failed areas especially on the west side. Narrow strip of red pine that was used as a buffer during the last harvest. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 2 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 20 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | 3 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 70 | Pole | 7 | 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 5 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Beaked) | Medium | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Choke Cherry | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 4130 - Aspen | Sapling Medium | 14.3 | 6 | Immature | N/A | Stand was harvested in the spring of 2015 by Hill Logging under 32-102-13-01 - Poor Persons Popple. Stand contains a flush of aspen regeneration with scattered mature red and white pine within the overstory. Some areas contain heavy pockets of mature pine where other areas are more aspen. Manage as an aspen stand in the future. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 80 | Sapling | 1 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 10 | Log | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 5 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 5 | Log | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | 6223 - Inundated Shrub Swamp | Nonstocked | 17.0 | | Unspecified | No | String of many beaver ponds and meadows along Bell's Creek bottom land. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>Trace</td> <td></td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Low</td> <td></td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Black Spruce | Trace | | Sapling | Tag Alder | Low | | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | Trace | | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Low | | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 320 - Upland Shrub | Nonstocked | 9.4 | 0 | Unspecified | 4222 - Natural Jack Pine | Herbicide applied in august of 2016 by DNR resources. Trenched in the fall of 2016 C32-799 at a cost of \$1600 for the whole FTP. This stand was planted in the spring of 2017 at a rate of 1000T/A. The spring of 2017 was wet hopefully improving regen. For full cost figures refence reference C32-799. First year count was 553TPA. walk though during the summer to evaluate for replant. 2021 Inventory - JP is starting to fill in. Did not do a regeneration count due to snow pack. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|-----------------|------------|------------|-------------|---------------------------|--|----|---------|----|-----|---------------|----|----------|----|---|---------------|----|---------|----|--|----------------|----|----------|----|----|---|---|--------------------|---------|-------------|--|-----------|--------------------|--------------|-------------|----------|--------------|-----|-------------|---------|--|--------|--------------------|------------|---------------|--------|-------------|------------|----------|---------|------------|-----|----------|---------|--------------|-----|----------|---------|------------|-----|----------|---------|-------------------|--------|----------|------------|
| 13 | 42111 - Planted Red Pine, Mixed Deciduous | Poletimber Well | 31.5 | 55 | 81-110 | N/A | Machine planted to red pine in 1965. Significant failed areas especially on the west side. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 2 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 20 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | 3 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 70 | Pole | 7 | 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 5 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Beaked) | Medium | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Choke Cherry | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 4130 - Aspen | Sapling Well | 22.6 | 16 | 1-50 | N/A | Harvested in 2004: TS#310-04-01. Stand contains fully stocked and healthy aspen. Scattered mature red and white pine exist throughout the stand. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 20 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 2 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 10 | Sapling | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 58 | Sapling | 3 | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | 2 | Pole/Sapling | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 5 | Log | 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 3 | Log | 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Beaked) | Medium | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | 4130 - Aspen | Sapling Well | 70.7 | 7 | Immature | N/A | Stand consists of a mix of aspen and red maple of decent quality. The heavy winter snow of 2020 caused some damage to the regeneration. Large diameter pine scattered throughout the stand. Some areas within the stand have decent white and red pine regeneration that is currently within the sapling stage. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 15 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 73 | Sapling | 1 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 5 | Log | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 2 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 5 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 330 - Low-Density Trees | Nonstocked | 8.7 | 0 | Unspecified | 42120 - Planted Jack Pine | Trenched in the fall of 2016 C32-799 at a cost of \$1600 for the whole FTP. This stand was planted in the spring of 2017 at a rate of 1000T/A. The spring of 2017 was wet hopefully improving regen. For full cost figures reference reference C32-799. First year count numbers are 412 T/A. walk through to evaluate for replant. 2021 Inventory - JP is filling in. Did not do a regen count due to snow pack. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | 42290 - Natural Mixed Pine | Sawtimber Well | 47.8 | 143 | 81-110 | N/A | Stand was harvested years ago and no large pine was cut. What remains is x-log sized white and red pine with a dense understory of red maple saplings that are 2-3" in diameter. Most if not all of the pine fit the legacy tree category. Mature spruce and fir have mostly died due to the budworm outbreak. Took another hike and found an old two track that comes in from the east portion of this stand. This road originates off of the main road in stand 15. The eastern half of this stand contains more red maple with scattered x-log sized white pine. Some vernal pools exist within the north central part of the stand as well. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 47 | XLog | 26 | 143 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 30 | XLog | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 15 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 8 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--------------------------------|--|------------|--------------------|-------------|--------------------------|--|--------------|---------|---|----------|--------------|--------|---------|---------|--|---------------|----|---------|---|----|--|---|--------------------|---------|-------------|------------|--------------|----------|-------------|------------|----------|----|----------|---|----|-----------|---|------|---|--|--|--|--------------------|---------|-------------|------|-----------|-----|--------------|---------|--------------|-----|-------------|---------|--------------|-----|--------------|---------|-------------------|------|----------|------------|--------------|-----|-------------|------------|
| 18 | 42110 - Planted Red Pine | Poletimber Well | 28.7 | 60 | 81-110 | N/A | Machine planted in 1960. Seedling survival rate was 50 to 60 percent. Severe aspen decline. Took a second walk through this stand and determined that thinning is not a good option. Basal area is currently too low to support a thinning. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 2 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 2 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 14 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 2 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 5 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 70 | Pole/Log | 9 | 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 5 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Beaked) | High | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Choke Cherry | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 3303 - Mixed Low Density Trees | Nonstocked | 14.8 | 0 | | 4212 - Planted Jack Pine | Cut in spring of 2015 by Minerick FP Camp BS Road Mix. Under FTP C32-824 for jack pine regen. Site has been flat planted by superior forestry services at a rate of about 1000 trees per acre. The planting of this site cost \$2137.00. First year count showed no regen. Start over with a site prep spray then trenching. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | 42120 - Planted Jack Pine | Sapling Well | 26.6 | 14 | Immature | N/A | Harvested in 2004: TS#109-03-01. Trenched and direct seeded to jack pine in 2006. The heavy snows in the winter of 2020 caused extensive damage to this plantation. I estimate 50% of the trees are laid down due to the snow. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 2 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 2 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 96 | Sapling | 4 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Choke Cherry | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | 6224 - Treed Bog | Nonstocked | 33.3 | | Unspecified | No | Treed bog with a mix of black spruce and white pine. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cattail spp. | Low | | Non-Wood | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | Medium | | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 4130 - Aspen | Sapling Well | 23.3 | 7 | Immature | N/A | Stand contains aspen, red maple, and cherry of good quality. The heavy winter snow of 2020 caused some damage to the regeneration. Scattered mature pine exists within the stand. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 70 | Sapling | 1 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 10 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 15 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 5 | XLog/Log | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments |
|-------|--------------------|--------------|-------|-----------|----------|--------------|------------------|
|-------|--------------------|--------------|-------|-----------|----------|--------------|------------------|

23 6220 - Alder/willow Nonstocked 13.8 Unspecified No

| Sub-Canopy Species | Density | Avg. Height | Size |
|--------------------|---------|-------------|------------|
| Paper Birch | Medium | | Pole |
| Tag Alder | Full | | Tall Shrub |
| Balsam Fir | Low | | Sapling |
| Red Maple | Low | | Sapling |
| Willow spp. | Medium | | Tall Shrub |
| Willow spp. | Medium | | Tall Shrub |
| Willow spp. | Medium | | Tall Shrub |
| Tamarack | Low | | Pole |
| Black Spruce | Medium | | Pole |
| Balsam Poplar | Low | | Pole |

24 6121 - Tamarack Sapling Medium 20.9 55 1-50 N/A

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|----------------|---------|--------------|-----|-----|--------------------|---------|-------------|------------|
| Red Maple | 5 | Sapling | 1 | | Red Maple | Low | 5 - 10 feet | Sapling |
| Paper Birch | 2 | Sapling | 4 | | Black Spruce | Low | 5 - 10 feet | Sapling |
| Black Spruce | 10 | Sapling/Pole | 4 | | Tamarack | Medium | 5 - 10 feet | Sapling |
| Tamarack | 78 | Sapling/Pole | 4 | 55 | Tag Alder | High | 5 - 10 feet | Tall Shrub |
| White Pine | 5 | Pole/Log | 8 | | Willow spp. | Medium | 5 - 10 feet | Tall Shrub |

25 6122 - Black Spruce Sapling Well 2.0 16 Immature N/A

Harvested in 2004: TS#109-03-01. Stand is fully stocked and looks great. Scattered white pine and a few tamarack throughout.

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|----------------|---------|------------|-----|-----|--------------------|---------|-------------|------------|
| Red Maple | 20 | Sapling | 1 | | Tag Alder | Low | 5 - 10 feet | Tall Shrub |
| Black Spruce | 73 | Sapling | 1 | 16 | | | | |
| White Pine | 5 | Sapling | 1 | | | | | |
| Tamarack | 2 | Sapling | 1 | | | | | |

26 42290 - Natural Mixed Pine Sawtimber Medium 142.7 126 51-80 N/A

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|----------------|---------|------------|-----|-----|--------------------|---------|--------------|------------|
| White Pine | 50 | Log | 17 | | Red Maple | Medium | 10 - 20 feet | Sapling |
| Red Pine | 50 | XLog | 25 | 126 | Balsam Fir | Medium | 5 - 10 feet | Sapling |
| | | | | | White Pine | Low | 10 - 20 feet | Sapling |
| | | | | | Hazelnut (Beaked) | High | < 5 feet | Tall Shrub |
| | | | | | Paper Birch | Low | 10 - 20 feet | Sapling |

Former notes state the stand was last cut in 1965. Stand consists of pockets of large diameter pine. The understory and large canopy gaps within the stand are filling in primarily with various aged red maple and fir. Most of the canopy gaps resulted from the blow down event from 7/21/02. Heavy amounts of large CWD (pine) still exist. Stand can be considered uneven aged as the pine is the dominant canopy but underneath is the various aged red maple. Eventually red maple and the mix of other species will become mature for a future harvest. Almost all of the mature pine fits the legacy tree criteria for both age and diameter. Rock outcrops exist within the stand.



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-------------------|------------|--|-------------|--------------------|---|-------------|----------|--------------|-------|---------------|------------|------------|-----|----|--|--------------|--------------------|---------|-------------|-----------|-----------|------|--------------|-----------|---------------|------|--------------|-------------|--------------|---|--------------|--------------------|-------------------|-------------|------------|-------------|--------|----------|------------|------------|--------|----------|------|------------|--------|--------------|---------|--|--|
| 27 | 6220 - Alder/willow | Nonstocked | 4.9 | | Unspecified | No | Wetland Complex. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>Low</td> <td></td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td></td> <td>Log</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td></td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>High</td> <td></td> <td>Tall Shrub</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td></td> <td>Pole</td> </tr> <tr> <td>Willow spp.</td> <td>Medium</td> <td></td> <td>Tall Shrub</td> </tr> <tr> <td>Willow spp.</td> <td>Medium</td> <td></td> <td>Tall Shrub</td> </tr> <tr> <td>Willow spp.</td> <td>Medium</td> <td></td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Black Spruce | Low | | Sapling | White Pine | Low | | Log | Balsam Fir | Low | | Sapling | Tag Alder | High | | Tall Shrub | Red Maple | Low | | Pole | Willow spp. | Medium | | Tall Shrub | Willow spp. | Medium | | Tall Shrub | Willow spp. | Medium | | Tall Shrub | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | Low | | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | | Log | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Low | | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | High | | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Willow spp. | Medium | | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Willow spp. | Medium | | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Willow spp. | Medium | | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | 4191 - Mixed Upland Deciduous with Conifer | Sapling Well | 179.4 | 27 | 1-50 | N/A | Stand was harvested in 1987: TS#28-82A. Stand was formerly typed out as a W8 but after further review I determined that the scattered white and red pine are not the dominant stand. The mix of deciduous and conifer is healthy and doing good. I aged numerous trees and came up with an age of 27 years. Some pockets are nearing the pole class while others are sapling dominant. North half of stand contains more mature pine than the southern half. 99 % of the mature pine are legacy trees by both age and diameter. Fir is in poor shape due to the budworm outbreak. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>30</td> <td>Sapling</td> <td>4</td> <td>27</td> </tr> <tr> <td>Paper Birch</td> <td>10</td> <td>Sapling</td> <td>4</td> <td></td> </tr> <tr> <td>White Pine</td> <td>15</td> <td>XLog</td> <td>28</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>15</td> <td>XLog</td> <td>28</td> <td>126</td> </tr> <tr> <td>Quaking Aspen</td> <td>15</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Maple | 30 | Sapling | 4 | 27 | Paper Birch | 10 | Sapling | 4 | | White Pine | 15 | XLog | 28 | | Red Pine | 15 | XLog | 28 | 126 | Quaking Aspen | 15 | Sapling/Pole | 4 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>>20 feet</td> <td>Pole</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>>20 feet</td> <td>Pole</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Medium | >20 feet | Pole | Balsam Fir | Medium | >20 feet | Pole | White Pine | Medium | 10 - 20 feet | Sapling | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 30 | Sapling | 4 | 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 10 | Sapling | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 15 | XLog | 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 15 | XLog | 28 | 126 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 15 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | >20 feet | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Medium | >20 feet | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | 6220 - Alder/willow | Nonstocked | 19.9 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>High</td> <td></td> <td>Tall Shrub</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td></td> <td>Sapling</td> </tr> <tr> <td>Black Spruce</td> <td>Low</td> <td></td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Tag Alder | High | | Tall Shrub | Red Maple | Low | | Sapling | Black Spruce | Low | | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | High | | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | Low | | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 6224 - Treed Bog | Nonstocked | 9.6 | | | No | Treed bog | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Trace | | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Low | | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | High | | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | 4130 - Aspen | Poletimber Well | 10.5 | 50 | 81-110 | N/A | Stand of mature aspen mixed with some red maple. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 25 | Pole/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 75 | Pole | 8 | 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Beaked) | Low | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | 6122 - Black Spruce | Poletimber Medium | 2.6 | 99 | 51-80 | N/A | Small strip of timber that was left as a buffer during the last harvest. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 100 | Pole | 8 | 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|-------------------|-------|-----------|--------------------|--------------------------|---|----------------|---------|------------|-----|-----|--------------------|---------|-------------|------|-----------|---|------|---|--|--------------|-----|--------------|---------|---------------|----|------|---|--|-------------------|--------|-------------|------------|---------------|----|------|---|--|--------------|-----|--------------|------------|--------------|----|------|---|----|-------------------|------|----------|------------|------------|---|----------|---|--|--------------|-----|-------------|------------|----------|----|----------|---|----|--|--|--|--|-----------|---|------|---|--|--|--|--|--|
| 33 | 42320 - Upland Spruce | Poletimber Medium | 2.9 | 99 | 51-80 | N/A | Walked to the edge of the stand. Small stand of lowland black spruce of small diameter. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 100 | Pole | 6 | 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35 | 310 - Herbaceous Openland | Nonstocked | 27.1 | 0 | Unspecified | 4211 - Planted Red Pine | Cut by Hill Logging in spring of 2015 under 32-102-13-01 Poor Persons Popple. now under FTP 32-800 for red pine regen starting with trenching. Trenched in the fall of 2016 under 32-800 at a cost of \$900. Planted in the spring of 2017 at a rate of 900 trees per acre (27500) total cost of planting was \$5270.00. First year count at 863 TPA Release spray. 9-10-20: release spray on 24 acres. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36 | 330 - Low-Density Trees | Nonstocked | 6.0 | | Unspecified | 4222 - Natural Jack Pine | Hill Logging cut this stand in the spring of 2015 under sale 32-102-13-01 Poor Persons Popple. Stand is under FTP 32-799 for jack pine rengen. Trenched in the fall of 2016 C32-799 at a cost of \$1600 for the whole FTP. This stand was planted in the spring of 2017 at a rate of 1000T/A. The spring of 2017 was wet hopefully improving regen. For full cost figures refence reference C32-799. First year counts came in at 425TPA. walk through to evaluate for replant. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 | 42110 - Planted Red Pine | Poletimber Well | 9.4 | 60 | 81-110 | N/A | Machine planted in 1960. Seedling survival rate was 50 to 60 percent. Stand contains lower basal area but should be thinned to remove old aspen and jack pine. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 2 | Pole | 7 | | Red Maple | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 2 | Pole | 7 | | Black Spruce | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 14 | Pole | 6 | | Black Cherry | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 2 | Pole | 7 | | Hazelnut (Beaked) | High | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 5 | Pole/Log | 9 | | Choke Cherry | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 70 | Pole/Log | 9 | 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 5 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38 | 42210 - Natural Red Pine | Poletimber Well | 1.7 | 55 | 81-110 | N/A | Small stand of planted red pine. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 100 | Log/Pole | 10 | 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 | 42111 - Planted Red Pine, Mixed Deciduous | Poletimber Well | 8.5 | 55 | 81-110 | N/A | Machine planted to red pine in 1965. Significant failed areas especially on the west side. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 2 | Pole | 6 | | Black Spruce | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 20 | Pole | 6 | | Hazelnut (Beaked) | Medium | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | 3 | Pole | 8 | | Choke Cherry | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 70 | Pole | 7 | 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 5 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----------------------------|---|------------|--------------------|----------|--------------|--|--------------|--------------|----------|------|--|--------|--------------------|---------|-------------|---------------|--------------|------------|-------------|---------|---|--------|--------------------|------------|--------------|--|-------------|--------------------|-------------|-------------|------------|------------|-------------|-------------|-------------------|----------|----------|------------|----|-----|--|--|--------------------|---------|-------------|------|-----------|--------|--------------|---------|------------|--------|-------------|---------|--------------|-----|--------------|---------|-------------------|--------|----------|------------|
| 40 | 42110 - Planted Red Pine | Poletimber Well | 1.2 | 55 | 81-110 | N/A | Machine planted to red pine in 1965. Small stand of planted red pine. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 100 | Log/Pole | 10 | 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Beaked) | Medium | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Choke Cherry | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41 | 4130 - Aspen | Poletimber Well | 21.5 | 34 | 51-80 | N/A | Nice stand of healthy aspen. Tree diameters vary depending on where you stand. A few scattered mature red pine exist within the stand. Cored a large red pine at 126 years. Stand was harvested in 1987 by Holli Forest Products. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 8 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 90 | Pole | 5 | 34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 2 | XLog | 25 | 126 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Beaked) | Low | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42 | 42290 - Natural Mixed Pine | Sawtimber Medium | 1.1 | 108 | 51-80 | N/A | Last cut in 1965. Large canopy gaps resulting from extensive blow down caused by the storm of 7/21/02. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 15 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 5 | Pole | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 2 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 8 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 10 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 25 | Log | 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 35 | Log | 17 | 108 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Beaked) | Medium | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45 | 622 - Lowland Shrub | Nonstocked | 21.4 | | | No | Corridor along Black River. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>Medium</td> <td>>20 feet</td> <td>Pole</td> </tr> <tr> <td>Tamarack</td> <td>Medium</td> <td>>20 feet</td> <td>Pole</td> </tr> <tr> <td>Tag Alder</td> <td>Full</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Black Spruce | Medium | >20 feet | Pole | Tamarack | Medium | >20 feet | Pole | Tag Alder | Full | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | Medium | >20 feet | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tamarack | Medium | >20 feet | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Full | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46 | 6126 - Lowland Jack Pine | Poletimber Well | 6.8 | 28 | Immature | N/A | Small stand with a mix of conifer. Appears to have been cut with stand 41. If that is the case stand was harvested by Holli Forest Products, TS# 28-82, around 1987. Stand contains a nice mix of jack pine, red pine, and white pine poles. No planting comments existed with the previous inventory but the stand does look to have been planted. Stand has good spacing. Scattered large diameter white pine exists within the stand. Fir is in poor condition due to the budworm outbreak. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>58</td> <td>Pole</td> <td>8</td> <td>28</td> </tr> <tr> <td>Red Pine</td> <td>20</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>White Pine</td> <td>20</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>2</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Jack Pine | 58 | Pole | 8 | 28 | Red Pine | 20 | Pole | 7 | | White Pine | 20 | Pole | 7 | | Balsam Fir | 2 | Pole/Sapling | 6 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Balsam Fir | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 58 | Pole | 8 | 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 20 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 20 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 2 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 | 42200 - Natural White Pine | Sawtimber Poor | 1.4 | 112 | 51-80 | N/A | Corridor along the Black River. The spruce and fir are experiencing heavy mortality. Trace paper birch and red maple. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 60 | XLog | 25 | 112 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 15 | XLog/Log | 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 20 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | 5 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----------------------------|--|------------|----------------|-------------|--------------|---|-----|--------------|----|---------------|----|----|--------------|----|--------------|---|----|---|----|--------------------|---------|-------------|--------------|-----------|----------|-------------|------------|--|----|--------------------|---------|-------------|----------|--------------|----------|-------------|---------|--|------|--------------------|---------|-------------|--------|-------------|---------|--------------|---------|------------|------|--------------|---------|--------------|-----|--------------|---------|-------------------|-----|----------|------------|--|--|
| 48 | 330 - Low-Density Trees | Nonstocked | 7.4 | 0 | Unspecified | No | Stand was harvested in 1993-94 under permit #21-91, Oscar Antilla, "Black River Block". Currently the spruce and fir regeneration are dead standing due to the recent budworm outbreak. A few scattered large diameter pine exist throughout the stand. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 49 | 429 - Mixed Upland Conifers | Poletimber Poor | 7.6 | 50 | 51-80 | N/A | Stand was cut in 1993-94 under permit #21-91 by Oscar Antilla, Black River Block. White spruce and fir are dead standing due to the recent budworm outbreak. Patchy red maple, white pine, and black spruce exist. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>40</td> <td>Log/Pole/XLog</td> <td>13</td> <td>50</td> </tr> <tr> <td>Black Spruce</td> <td>30</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>20</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>10</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | White Pine | 40 | Log/Pole/XLog | 13 | 50 | Black Spruce | 30 | Pole/Sapling | 6 | | Red Maple | 20 | Pole/Sapling | 7 | | Paper Birch | 10 | Log/Pole | 12 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Balsam Fir | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 40 | Log/Pole/XLog | 13 | 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 30 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 20 | Pole/Sapling | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 10 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | 6122 - Black Spruce | Sapling Poor | 2.3 | 10 | Immature | N/A | Lowland type that is slowly filling in with a mix of black spruce and tamarack. Tag alder exists within the understory. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 60 | Sapling | 2 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tamarack | 40 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Medium | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 51 | 42290 - Natural Mixed Pine | Sapling Well | 9.8 | 19 | 1-50 | N/A | Stand initially harvested in 1993-94 by Oscar Antilla, permit #21-91, Black River Block. Marked red and white pine were cut as well as all merchantable aspen and birch, jack pine with 2 or more sticks, and spruce/fir with 3 or more sticks. After the windstorm of July 21, 2002, a salvage cut was made by Holli Forest Products in the fall of 2002. TS #101-03-02 (scaled sale) to cut all broken, downed and uprooted trees. March 2021 Inventory- Stand contains a nice mix of deciduous and conifer. Scattered mature white pine exists throughout the stand. Encouraging to see decent white and red pine regeneration within the stand. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>30</td> <td>Sapling</td> <td>4</td> <td></td> </tr> <tr> <td>White Pine</td> <td>40</td> <td>Sapling</td> <td>4</td> <td>19</td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>20</td> <td>Sapling</td> <td>3</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Pine | 30 | Sapling | 4 | | White Pine | 40 | Sapling | 4 | 19 | Red Maple | 10 | Sapling | 3 | | Balsam Fir | 20 | Sapling | 3 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Spruce</td> <td>High</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>High</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | White Spruce | High | 5 - 10 feet | Sapling | Balsam Fir | High | 5 - 10 feet | Sapling | Red Maple | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 30 | Sapling | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 40 | Sapling | 4 | 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 10 | Sapling | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 20 | Sapling | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | High | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | High | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52 | 42290 - Natural Mixed Pine | Poletimber Medium | 21.1 | 93 | 81-110 | N/A | Upland portion of the stand is in poorer condition as all the fir and white spruce are currently dead standing due to the budworm outbreak. What remains is mature pine with pockets of younger red maple, aspen, and paper birch. A portion of this stand is also on a slope that leads down to the drainage. This slope contains areas of black spruce. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 15 | Pole | 7 | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 5 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 5 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 15 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 30 | XLog | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 30 | XLog/Log | 18 | 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Beaked) | Low | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments |
|-------|--------------------|--------------|-------|-----------|----------|--------------|------------------|
|-------|--------------------|--------------|-------|-----------|----------|--------------|------------------|

| | | | | | | | |
|----|--|-----------------|------|----|--------|-----|---|
| 53 | 4191 - Mixed Upland Deciduous with Conifer | Poletimber Well | 28.6 | 60 | 81-110 | N/A | Stand consists of poorer quality red maple, aspen, and paper birch. Most of the fir and spruce have died out due to budworm. Scattered mature white pine exists within the stand. |
|----|--|-----------------|------|----|--------|-----|---|

| Canopy Species | | | | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | | | Density | Avg. Height | Size |
|----------------|--|----|----------|----|---------|------------|-----|-----|--------------------|--|------|--------------|------------|-------------|------|
| Red Maple | | 40 | Pole/Log | 8 | 60 | | | | Red Maple | | High | 10 - 20 feet | Sapling | | |
| Paper Birch | | 15 | Pole/Log | 8 | | | | | Balsam Fir | | High | 10 - 20 feet | Sapling | | |
| Quaking Aspen | | 25 | Pole | 8 | | | | | Black Spruce | | Low | 10 - 20 feet | Sapling | | |
| Balsam Fir | | 5 | Pole | 7 | | | | | Hazelnut (Beaked) | | Low | < 5 feet | Tall Shrub | | |
| White Spruce | | 5 | Pole | 9 | | | | | | | | | | | |
| White Pine | | 5 | Log | 17 | | | | | | | | | | | |
| Red Pine | | 5 | Log | 17 | | | | | | | | | | | |

| | | | | | | | |
|----|------------------------------|------------|-----|--|-------------|----|---|
| 63 | 6223 - Inundated Shrub Swamp | Nonstocked | 6.7 | | Unspecified | No | String of many beaver ponds and meadows along Bell's Creek bottom land. |
|----|------------------------------|------------|-----|--|-------------|----|---|

| Sub-Canopy Species | Density | Avg. Height | Size |
|--------------------|---------|-------------|------------|
| Black Spruce | Trace | | Sapling |
| Tag Alder | Low | | Tall Shrub |

| | | | | | | | |
|----|--------------|--------------|------|----|------|-----|--|
| 65 | 4130 - Aspen | Sapling Well | 20.9 | 16 | 1-50 | N/A | Harvested in 2004: TS#310-04-01. Stand contains fully stocked and healthy aspen. Scattered mature white and red pine exist throughout the stand. |
|----|--------------|--------------|------|----|------|-----|--|

| Canopy Species | | | | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | | | Density | Avg. Height | Size |
|----------------|--|----|--------------|----|---------|------------|-----|-----|--------------------|--|--------|----------|------------|-------------|------|
| Red Maple | | 20 | Sapling | 2 | | | | | Red Maple | | Low | < 5 feet | Sapling | | |
| Paper Birch | | 2 | Pole/Log | 9 | | | | | Balsam Fir | | Low | < 5 feet | Sapling | | |
| Quaking Aspen | | 10 | Sapling | 3 | | | | | White Spruce | | Low | < 5 feet | Sapling | | |
| Bigtooth Aspen | | 58 | Sapling | 3 | 16 | | | | White Pine | | Low | < 5 feet | Sapling | | |
| White Spruce | | 2 | Pole/Sapling | 7 | | | | | Hazelnut (Beaked) | | Medium | < 5 feet | Tall Shrub | | |
| White Pine | | 5 | Log | 17 | | | | | | | | | | | |
| Red Pine | | 3 | Log | 17 | | | | | | | | | | | |

| | | | | | | | |
|----|------------------------|------------|-----|--|----------|----|--|
| 66 | 122 - Road/Parking Lot | Nonstocked | 5.3 | | Immature | No | |
|----|------------------------|------------|-----|--|----------|----|--|