



Compartment Review Presentation

Gwinn Forest Management Unit

Compartment 32067

Entry Year 2026

Acreage: 1,587

County Marquette

Management Area: Menominee-Marquette

Stand Examiner: Matt Yeo

Legal Description:

T43N, R25W, Sections 16-18

Identified Planning Goals:

Planning will focus on timber management, forest recreation, fisheries management and wildlife habitat management. Public access, forest road maintenance, trespass incidents, forest regeneration, forest health, forest fire management, stream crossings, water quality and any resource damage are critical assessments considered during the forest mapping and inventory process.

Soil and topography:

Lowland soils include: Tawas-Deford mucks; Carbondale and Tawas soils; Histosols and Aquents, ponded; Greenwood and Dawson soils; and Kinross mucky peat. Upland soils include: Croswell sand; Au-Gres-Deford complex; Au-Gres sand; Paquin-Finch sands; Emmet-Escanaba complex; Rubicon sand; Sayner-Rubicon complex; Nadeau-Mancelona complex; Paquin sand; and Kalksaka sand. Terrian is gently rolling to flat with a few low banks above waterways.

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

All ownership within this compartment is state except for a single forty in section 18. The compartment is adjacent to a very large block of state ownership to the north, east and south. A large area of non-CFR Plum Creek lands is adjacent to the west edge of this compartment. These Plum Creek lands are leased by private parties and several rustic camps are located on these lands.

Unique Natural Features:

Rich conifer swamp found in Section 16.

Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

Special Management Designations or Considerations:

Watershed and Fisheries Considerations:

This compartment contains Chynes Creek, the Little West Branch Escanaba River, and Lone Pine Creek. Chynes Creek, the Little West Branch Escanaba River, and Lone Pine Creek are designated Type 1 trout streams less than 50-ft wide and have predicted mean July temperatures that range from 63.2 to 64.9 °F (cold streams). 300-foot buffers are recommended for waterbodies in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, a minimum 100-foot, plus 5 feet per 1% increase in slope, buffer is recommended to protect these areas in accordance with Best Management Practices.

Wildlife Habitat Considerations:

This compartment is found within the Menominee-Marquette Management Area, on ground moraines in northern Dickinson and southern Marquette Counties. The dominant Natural Communities are mesic northern forest, poor conifer swamps, and dry mesic northern forest. Major forest cover types include Aspen, Northern Hardwoods, and Mixed Lowland Conifers. Almost every cover type and associated species can be found within the management area including several deer wintering complexes. This management area provides some of the finest grouse and woodcock hunting in the Midwest and this is a wildlife management priority that will continue. 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; mature forest (upland deciduous, especially aspen and mixed forest with little understory); coarse woody debris; and deer wintering complexes.

The following have been identified as featured species for the Menominee-Marquette Management Area: American Woodcock, Blackburnian Warbler, Cerulean Warbler, Golden-winged Warbler, Black-backed Woodpecker, Ruffed Grouse, Turkey, American Marten, Snowshoe Hare, White-tailed Deer, Black Bear.

Mineral Resource and Development Concerns and/or Restrictions

Sections 16 - 18, T43N-R25W, Marquette County

Surface sediments consist of medium-textured till (drumlin area) and glacial outwash sand and gravel and postglacial alluvium. There is insufficient data to determine the glacial drift thickness. The Ordovician Prairie du Chien (PdC) Group subcrops below the glacial drift. The PdC could be used for stone. Gravel pits are located to the west and potential is good on the upland areas. Abandoned iron mines are located nine miles to the north. Section 18 is leased for metallic exploration. There is no economic oil and gas production in the UP.

Vehicle Access:

Paved and plowed County Road 557 passes through the compartment. Leighton Road, a DNR forest road provides access into section 18. This road is gated once it crosses onto Plum Creek lands. Leighton road provides important access to these Plum Creek lands and camps. Several DNR forest roads provide access to the east of County Road 557 and off DNR Little West Road. Streams and lowlands prevent vehicle access to certain portions of this compartment.

Survey Needs:

None known.

Recreational Facilities and Opportunities:

Hunting, fishing, berry picking, mushroom picking, trapping, off-road vehicle usage and snowmobiling are the primary undeveloped recreation uses. There are no dedicated recreation facilities in this compartment.

Fire Protection:

Additional Compartment Information:

A major powerline right-of-way follows the west side of County Road 557.

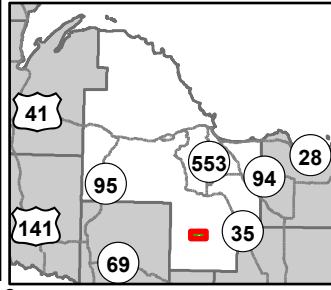
The following reports from the Inventory are attached:

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

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

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

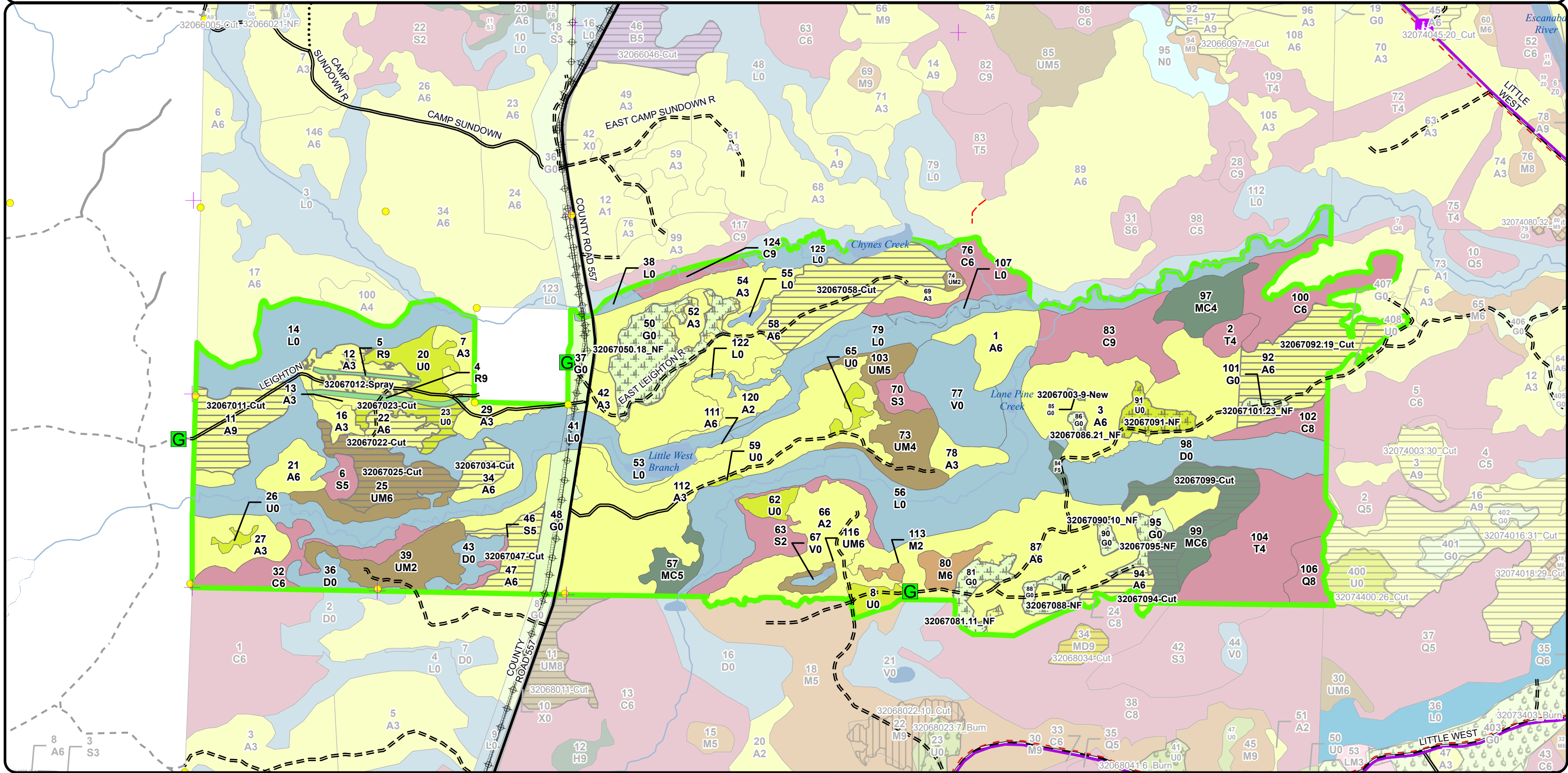
Cover Type & Treatments Map



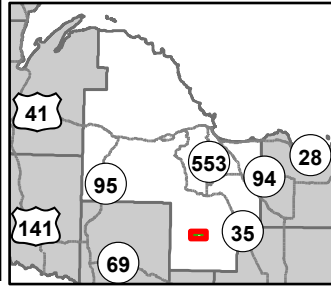
Compartment: 32067
 T43N, R25W, Sec: 15-18, 21
 County: Marquette
 Unit: Gwinn
 Mgmt Area: Menominee-
 Marquette
 YOE: 2026
 Acres: 1587.3 GIS Calculated
 Examiner: Matt Yeo
 Map Revised: 08/14/2024
 Map Phase: Web Post



- | | | | |
|------------------------------|---------------------------------------|--------------------------------|---------------------------------|
| Gate | Federal / State / County - Paved Road | Lakes and Rivers | 413 - Aspen Types |
| Survey Grade Corners | County - Dirt Road (Seasonal) | Pipeline | 421 - Planted Pines |
| Remonumented Section Corners | Private - Paved Road | Powerline | 423 - Other Upland Conifers |
| Snowmobile Trails | Private - Dirt / Gravel Road | Compartment Boundary | 430 - Upland Mixed Forest |
| Designated ORV Routes | DNR - Management Access | Pesticide | 612 - Lowland Coniferous Forest |
| DNR - Primary Forest Road | Intermittent Stream | Other Treatment - See Comments | 310 - Herbaceous Openland |
| DNR - Secondary Forest Road | Lake/Pond | Clearcut (w/Reserves) | 330 - Low Density Trees |
| DNR - Forest Access Route | Perennial River | 411 - Northern Hardwood | 622 - Lowland Shrub |



Stand Boundary Map



Compartment: 32067
 T43N, R25W, Sec: 15-18, 21
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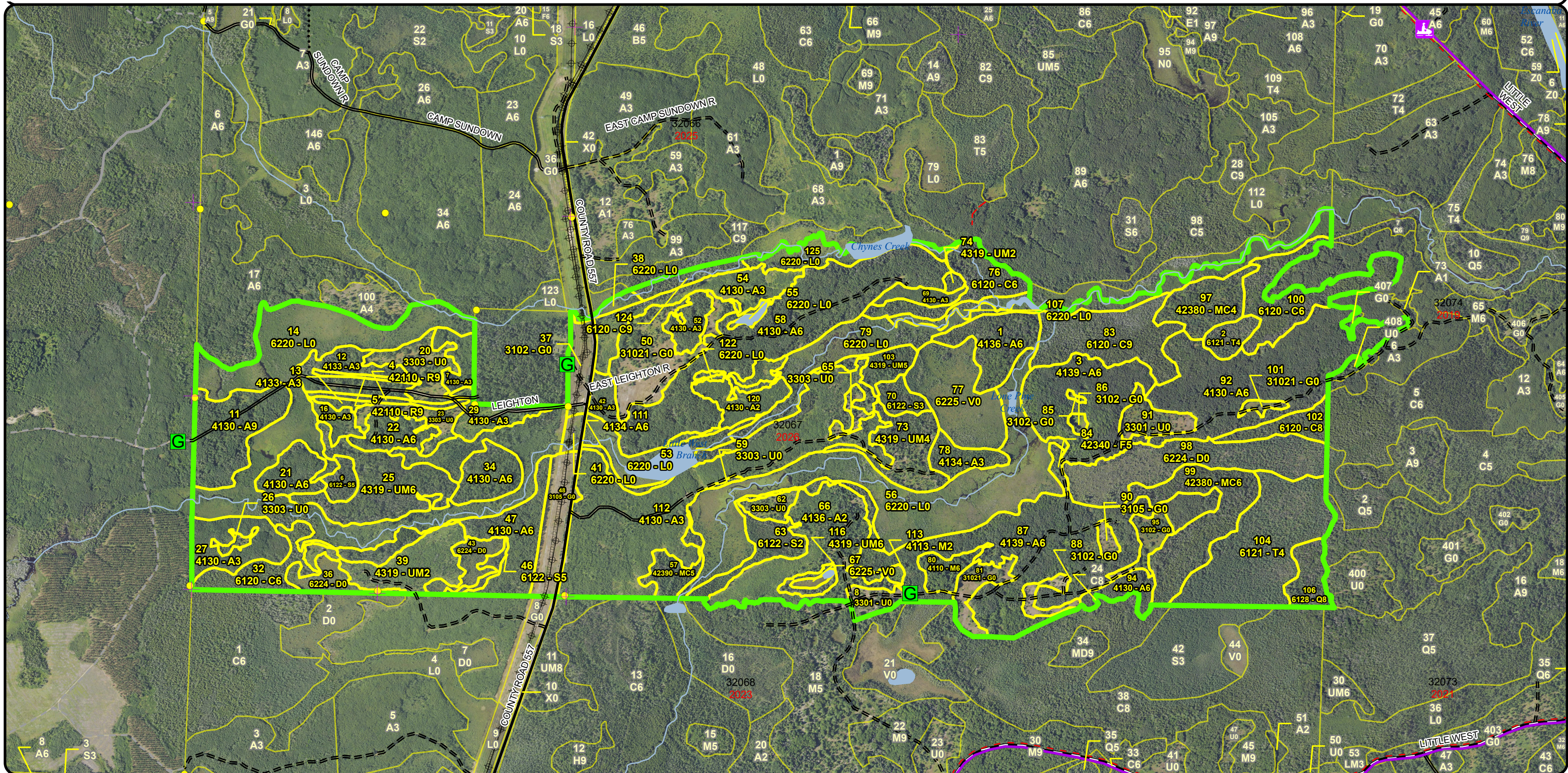
0 0.5 1 Miles

- G Gate
- Survey Grade Corners
- + Remonumented Section Corners
- 🚙 Snowmobile Trails
- == Designated ORV Routes
- DNR - Primary Forest Road
- DNR - Secondary Forest Road

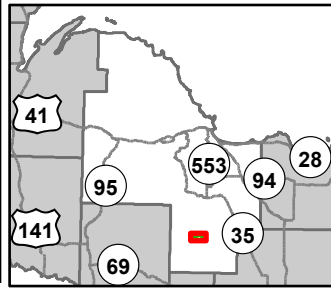
- == DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Dirt Road (Seasonal)
- Private - Paved Road
- Private - Dirt / Gravel Road
- ⋯ DNR - Management Access
- Intermittent Stream
- Lake/Pond

- Perennial River
- ▭ Lakes and Rivers
- ▭ Pipeline
- ⊕ Powerline
- ▭ Compartment Boundary
- ▭ Stand Boundaries
- 411 - Northern Hardwood
- 413 - Aspen Types

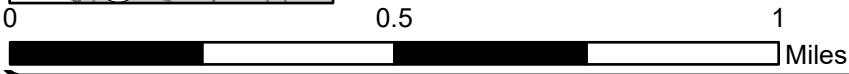
- 421 - Planted Pines
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub



**Special Conservation Areas
& Site Conditions Map**



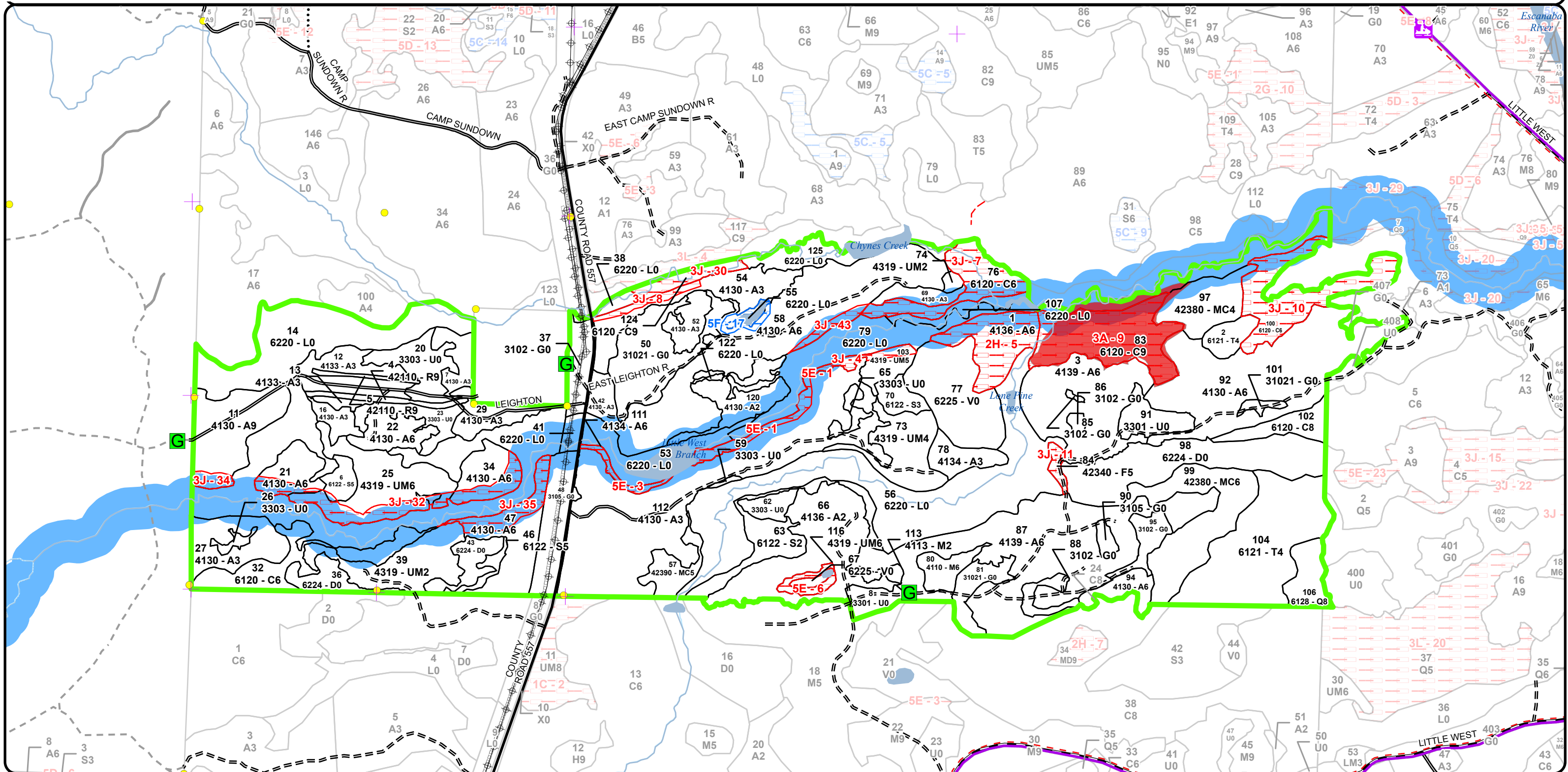
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- Gate
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- DNR - Management Access
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- Powerline
- Compartment Boundary

- Available w/ Constraints
- Unavailable
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3A: Conservation Values incompatible with harvest at this time
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- Stand Boundaries
- Ecological Reference Areas
- Cold Water Streams
- High Priority Trout Stream Buffer



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	192	16	59	102	171	65	5	0	20	0	0	0	0	0	0	0	42	671
Bog	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	0	100	10	0	7	0	117
Herbaceous Openland	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	84
Low-Density Trees	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50
Lowland Conifers	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	10
Lowland Shrub	306	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	306
Lowland Spruce/Fir	0	0	0	18	6	0	5	3	0	0	0	0	0	0	0	0	0	0	32
Northern Hardwood	0	2	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	9
Red Pine	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	6
Tamarack	0	0	0	0	0	7	53	0	0	0	0	0	0	0	0	0	0	0	59
Treed Bog	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59
Upland Conifers	0	0	0	0	0	18	34	9	0	0	0	0	0	0	0	0	0	0	61
Upland Mixed Forest	0	23	0	10	0	0	32	23	0	0	0	0	0	0	0	0	0	0	88
Upland Spruce/Fir	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	532	217	16	87	110	196	199	40	6	27	0	0	0	100	10	0	7	42	1587



Report 2 – Treatment Summary

Gwinn Mgt. Unit

Compartment 67

Year of Entry: 2026

Acres of Harvest

Total Compartment Acres: 1,587

Commercial Harvest - 208
 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	149	0	0	0	0	0	0	0	0	149
Low-Density Trees	9	0	0	0	0	0	0	0	0	9
Upland Conifers	28	0	0	0	0	0	0	0	0	28
Upland Mixed Forest	22	0	0	0	0	0	0	0	0	22
Total	208	0	0	0	0	0	0	0	0	208

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	208	0	0	0	0	16	0	0	67	292
Next Step	0	0	0	0	0	0	215	0	240	455
Total	208	0	0	0	0	16	215	0	307	746



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

Proposed Treatments:

85	32067003-9- New	0.4	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	3102 - Grass		No
<p><u>Prescription</u> Trim, shelter, fertilize, and/or maintain planted trees/shrubs. Herbicide, plant/replant, fertilize, and/or mow to maintain planted cover crops as necessary. Assess success and suitability for longevity and sustainability.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Site to be maintained as opening.</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> 5 /1 /2026</p>											
11	32067011-Cut	25.8	4130 - Aspen	Sawtimber Well	54	Unspec ified	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Cut every tree 2" and greater retaining cedar, hemlock, white pine, and paper birch (for seed source). Also retain some large forked bigtooth aspen (for woodpecker and northern goshawk). Drumming log spec, 1 drumming log per 5 acres (9-15" diameter of any tree species at least 8 feet long, laying flat, immediately adjacent to the stump, left randomly in the stand).</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> Mixed aspen, mixed hardwood, mixed birch, mixed conifer.</p> <p><u>Regen:</u></p> <p><u>Other</u> Exclude Siberian Crab Apple from any wildlife shrub spec.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											
12	32067012- Spray	16.1	4133 - Aspen, Mixed Pine	Sapling Well	22	Unspec ified	Pesticide	Hand Application	413 - Aspen	Two-Aged	No
<p><u>Prescription</u> Control autumn olive if funding is available for hand application.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Herbicide Use</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></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 /2025</p>											



Stand Name	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
22	32067022-Cut	10.5	4130 - Aspen	Poletimber Well	44	Unspecified	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Cut every tree 2" and greater, retaining cedar, hemlock, yellow birch, black cherry, white pine. Remove all invasive siberian crab apple with</p> <p><u>Specs:</u> harvest if any found. Drumming log spec, 1 drumming log per 5 acres (9-15" diameter of any tree species at least 8 feet long, laying flat, immediately adjacent to the stump, left randomly in the stand).</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Mixed aspen, mixed hardwood, mixed birch, mixed conifer</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 /2025</p>											
23	32067023-Cut	9.1	3303 - Mixed Low Density Trees	Nonstocked		Unspecified	Harvest	Clearcut	3102 - Grass		No
<p><u>Prescription</u> Cut all tree species 2" and greater in the opening, harvest any merchantable timber, use opening for decking for nearby timber sales. Goal is</p> <p><u>Specs:</u> to keep the opening managed and open for wildlife.</p> <p><u>Next Step</u> NonForestMgt, Brushpile/Woody Debris Creation</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Grass/shrubs</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 /2025</p>											
25	32067025-Cut	22.2	4319 - Mixed Upland Forest	Poletimber Well	54	1-50	Harvest	Clearcut with Retention	4136 - Aspen, Mixed Conifer	Uneven-Aged	No
<p><u>Prescription</u> Cut every tree 2" and greater, retaining cedar, hemlock, yellow birch, black cherry, white spruce, and white pine. Retain some bigtooth aspen</p> <p><u>Specs:</u> for winter grouse food source and some forked crowns for woodland raptors. Drumming log spec, 1 drumming log per 5 acres (9-15" diameter of any tree species at least 8 feet long, laying flat, immediately adjacent to the stump, left randomly in the stand).</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Mixed aspen, mixed hardwood, mixed birch, mixed conifer.</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 /2025</p>											
34	32067034-Cut	7.6	4130 - Aspen	Poletimber Well	54	Unspecified	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Cut every tree 2" and greater, retaining cedar, hemlock, yellow birch, black cherry, white spruce, and white pine. Retain some bigtooth aspen</p> <p><u>Specs:</u> for winter grouse food source and some forked crowns for woodland raptors. Drumming log spec, 1 drumming log per 5 acres (9-15" diameter of any tree species at least 8 feet long, laying flat, immediately adjacent to the stump, left randomly in the stand).</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Mixed aspen, mixed hardwood, mixed birch, mixed conifer.</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 /2025</p>											



Standard

Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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47	32067047-Cut	14.5	4130 - Aspen	Poletimber Well	53	Unspecified	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Cut every tree 2" and greater, retaining cedar, hemlock, red pine, yellow birch, black cherry, white spruce, and white pine. Retain some bigtooth aspen for winter grouse food source and some forked crowns for woodland raptors. Drumming log spec, 1 drumming log per 5 acres (9-15" diameter of any tree species at least 8 feet long, laying flat, immediately adjacent to the stump, left randomly in the stand).

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Mixed aspen, mixed hardwood, mixed birch, mixed conifer

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2025

58	32067058-Cut	39.4	4130 - Aspen	Poletimber Well	43	Unspecified	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Cut every tree 2" and greater, retaining all cedar, hemlock, yellow birch, and white pine. Retain some wind firm white spruce (seed source/wildlife cover). Drumming log spec, 1 drumming log per 5 acres (9-15" diameter of any tree species at least 8 feet long, laying flat, immediately adjacent to the stump, left randomly in the stand).

Next Step Monitoring, Natural Regen (Intermediate)

Treatments:

Acceptable Regen: Mixed aspen, mixed hardwood, mixed conifer, mixed birch

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2025

88	32067088-NF	4.6	3102 - Grass	Nonstocked		Unspecified	NonForestMgt	Other - Specify	3102 - Grass		No
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Prescription Plant scattered native/non-GMO mast producing trees/shrubs as appropriate and cover crops in herbaceous openings according to local site conditions to promote forage for specified wildlife species. Hand/mechanical removal of brush/vegetation from the opening will be used to maintain the openings and hunter walking trails--current and future; disking, mowing, cultipacking, pesticide application may be used as necessary to accomplish wildlife goals. Partial completion reports will be completed annually for the duration this FTP is valid, describing completed work.

Next Step
Treatments:

Acceptable Regen: Site to be maintained as opening.

Other Comment: Site to be maintained as opening. If adjacent stands are to be harvested, please consult with Wildlife Technician Caleb Eckloff for practices to maintain the opening. Examples include roller-chopping, herbicide, minimum harvest spec., use of the opening as a decking area, etc. to clear encroaching vegetation. There is a hunter walking trail within the stand. It is to be managed apart from the bulk of the forested stand. As such, the walking trail alone will be managed as described in the Prescription Specifications. Post timber harvest of any adjacent stands, if the hunter walking trail is utilized by harvest equipment, it is asked that the purchaser/harvester clear debris and level the trail for WLD staff or designee to plant a cover crop.

Site Condition

Proposed Start Date: 10/1 /2025



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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91	32067091-NF	9.5	3301 - Low Density Deciduous Trees	Nonstocked		Unspecified	NonForestMgt	Fruit Tree/Shrub Planting	3102 - Grass	No
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Prescription Plant scattered native/non-GMO mast producing trees/shrubs as appropriate and cover crops in herbaceous openings according to local site conditions to promote forage for specified wildlife species. Hand/mechanical removal of brush/vegetation from the opening will be used to maintain the openings and hunter walking trails--current and future; disking, mowing, cultipacking, pesticide application may be used as necessary to accomplish wildlife goals. Partial completion reports will be completed annually for the duration this FTP is valid, describing completed work.

Next Step
Treatments:

Acceptable Site to be maintained as opening.
Regen:

Other Site to be maintained as opening. If adjacent stands are to be harvested, please consult with Wildlife Technician Caleb Eckloff for practices to maintain the opening. Examples include roller-chopping, herbicide, minimum harvest spec., use of the opening as a decking area, etc. to clear encroaching vegetation.

Site Condition

Proposed Start Date: 10/1 /2025

92	32067092.19_Cut	43.3	4130 - Aspen	Poletimber Well	45	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Cut every tree 2" and greater, retaining all cedar, hemlock, yellow birch, and white pine. Retain some bigtooth aspen (grouse food/woodland raptors), white spruce (seed source), and black cherry (mast production for black bear). Drumming log spec, 1 drumming log per 5 acres (9-15" diameter of any tree species at least 8 feet long, laying flat, immediately adjacent to the stump, left randomly in the stand).

Next Step Monitoring, Natural Regen (Re-Inventory)
Treatments:

Acceptable Mixed aspen, mixed hardwood, mixed conifer, mixed birch.
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2025

94	32067094-Cut	7.4	4130 - Aspen	Poletimber Well	45	Unspecified	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Cut every tree 2" and greater, retaining all cedar, hemlock, yellow birch, and white pine. Drumming log spec, 1 drumming log per 5 acres (9-15" diameter of any tree species at least 8 feet long, laying flat, immediately adjacent to the stump, left randomly in the stand).

Next Step Monitoring, Natural Regen (Intermediate)
Treatments:

Acceptable Mixed aspen, mixed hardwood, mixed conifer, mixed birch
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2025



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

95 32067095-NF 4.9 3102 - Grass Nonstocked Unspec ified NonForestMgt Other - Specify 3102 - Grass No

Prescription Plant scattered native/non-GMO mast producing trees/shrubs as appropriate and cover crops in herbaceous openings according to local site conditions to promote forage for specified wildlife species. Hand/mechanical removal of brush/vegetation from the opening will be used to maintain the openings and hunter walking trails--current and future; disking, mowing, cultipacking, pesticide application may be used as necessary to accomplish wildlife goals. Partial completion reports will be completed annually for the duration this FTP is valid, describing completed work.

Specs:

Next Step
Treatments:

Acceptable Site to be maintained as opening.
Regen:

Other Site to be maintained as opening. If adjacent stands are to be harvested, please consult with Wildlife Technician Caleb Eckloff for practices to maintain the opening. Examples include roller-chopping, herbicide, minimum harvest spec., use of the opening as a decking area, etc. to clear encroaching vegetation. There is a hunter walking trail within the stand. It is to be managed apart from the bulk of the forested stand. As such, the walking trail alone will be managed as described in the Prescription Specifications. Post timber harvest of any adjacent stands, if the hunter walking trail is utilized by harvest equipment, it is asked that the purchaser/harvester clear debris and level the trail for WLD staff or designee to plant a cover crop.

Comment:

Site Condition

Proposed Start Date: 5 /1 /2026

99 32067099-Cut 28.3 42380 - Non Pine Upland Conifer, Mixed Deciduous Poletimber Well 56 51-80 Harvest Clearcut with Retention 4139 - Aspen, Mixed Deciduous Uneven-Aged No

Prescription Cut every tree 2" and greater, retaining all cedar, hemlock, yellow birch, black cherry, and white pine. Drumming log spec, 1 drumming log per 5 acres (9-15" diameter of any tree species at least 8 feet long, laying flat, immediately adjacent to the stump, left randomly in the stand).

Specs:

Next Step Monitoring, Natural Regen (Intermediate)
Treatments:

Acceptable Hardwood
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2025

Approved Treatments:

50 32067050.18_ 32.4 31021 - Cool Season Grass Nonstocked Unspec ified NonForestMgt Other - Specify 3102 - Grass No

Prescription Trim, shelter, fertilize, and/or maintain planted trees/shrubs. Herbicide, plant/replant, fertilize, and/or mow to maintain planted cover crops as necessary. Assess success and suitability for longevity and sustainability.

Specs:

Next Step ; NonForestMgt, Other - Specify; NonForestMgt, Other - Specify; NonForestMgt, Other - Specify; NonForestMgt, Other - Specify
Treatments:

Acceptable Site to be maintained as opening.
Regen:

Other Percent to Treat = 100%
Comment:

Site Condition

Proposed Start Date: 1 /1 /2019



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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81	32067081.11_ NF	9.8	31021 - Cool Season Grass	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	3102 - Grass	No
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Prescription Plant scattered native/non-GMO mast producing trees/shrubs as appropriate and cover crops in herbaceous openings according to local site conditions to promote forage for specified wildlife species. Hand/mechanical removal of brush/vegetation from the opening will be used to maintain the openings and hunter walking trails--current and future; disking, mowing, cultipacking, pesticide application may be used as necessary to accomplish wildlife goals. Partial completion reports will be completed annually for the duration this FTP is valid, describing completed work.

Next Step ; ; NonForestMgt, Other - Specify; NonForestMgt, Other - Specify; NonForestMgt, Other - Specify; NonForestMgt, Other - Specify;
Treatments: NonForestMgt, Other - Specify; NonForestMgt, Other - Specify; NonForestMgt, Other - Specify; NonForestMgt, Ot

Acceptable Site to be maintained as opening.
Regen:

Other Percent to Treat = 100%
Comment:

Site Condition

Proposed Start Date: 5 /1 /2020

86	32067086.21_ NF	1.4	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	3102 - Grass	No
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Prescription Trim, shelter, fertilize, and/or maintain planted trees/shrubs. Herbicide, plant/replant, fertilize, and/or mow to maintain planted cover crops as necessary. Assess success and suitability for longevity and sustainability.

Next Step NonForestMgt, Other - Specify
Treatments:

Acceptable Site to be maintained as opening.
Regen:

Other Percent to Treat = 100%
Comment:

Site Condition

Proposed Start Date: 12/30/2019

90	32067090.10_ NF	2.4	3105 - Mixed Upland Herbaceous	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	3102 - Grass	No
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Prescription Plant scattered native/non-GMO mast producing trees/shrubs as appropriate and cover crops in herbaceous openings according to local site conditions to promote forage for specified wildlife species. Hand/mechanical removal of brush/vegetation from the opening will be used to maintain the openings and hunter walking trails--current and future; disking, mowing, cultipacking, pesticide application may be used as necessary to accomplish wildlife goals. Partial completion reports will be completed annually for the duration this FTP is valid, describing completed work.

Next Step ; NonForestMgt, Other - Specify; NonForestMgt, Other - Specify; NonForestMgt, Other - Specify; NonForestMgt, Other - Specify;
Treatments: NonForestMgt, Other - Specify; NonForestMgt, Other - Specify; NonForestMgt, Other - Specify; NonForestMgt, Other

Acceptable Site to be maintained as opening.
Regen:

Other Percent to Treat = 100%
Comment:

Site Condition

Proposed Start Date: 5 /1 /2020



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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101	32067101.23_NF	1.9	31021 - Cool Season Grass	Nonstocked	Unspecified	NonForestMgt	Other - Specify	3102 - Grass		No
<p><u>Prescription</u> Trim, shelter, fertilize, and/or maintain planted trees/shrubs. Herbicide, plant/replant, fertilize, and/or mow to maintain planted cover crops as necessary. Assess success and suitability for longevity and sustainability.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> NonForestMgt, Other - Specify</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Site to be maintained as opening.</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> 12/30/2019</p>										

Total Treatment Acreage Proposed: 291.5

Report 4 – Site Conditions

Gwinn Mgt. Unit
Matt Yeo : Examiner

Compartment: 67
Year of Entry: 2026

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions				
		With Condition	Not Available		5F	2H	3A	3J	5E
671	614	3	54	Aspen	3	19		26	9
33	33	0	0	Bog					
117	31	0	86	Cedar			33	53	
84	84	0	0	Herbaceous Openland				0	
50	50	0	0	Low-Density Trees					
10	10	0	0	Lowland Conifers					
307	306	0	0	Lowland Shrub	0			0	0
32	31	0	0	Lowland Spruce/Fir				0	
9	9	0	0	Northern Hardwood					
6	6	0	0	Red Pine					
60	59	0	0	Tamarack				0	
59	59	0	0	Treed Bog					
61	61	0	0	Upland Conifers				0	
89	73	0	17	Upland Mixed Forest				13	3
2	0	0	2	Upland Spruce/Fir				2	
1,587	1,425	3	159	Total Forested Acres	3	19	33	95	12
	90%	0%	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
1	Unavailable	5E: Long-Term Retention	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gwinn Mgt. Unit
Matt Yeo : Examiner

Compartment: 67
Year of Entry: 2026

4	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	20	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stand is surrounded by water/wetlands.							
6	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	18	Unspecified	Unspecified	Unspecified	Unspecified
Comments: 300 foot buffer from designated trout stream.							
8	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Buffer along a hillside before stream/wetland that was left from a previous harvest.							
9	Unavailable	3A: Conservation Values incompatible with harvest at this time	33	Unspecified	Unspecified	Unspecified	Unspecified
Comments: ERA: Little West Branch Rich Conifer Swamp							

Report 4 – Site Conditions

Gwinn Mgt. Unit
Matt Yeo : Examiner

Compartment: 67
Year of Entry: 2026

10	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	28	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Small isolated stand surrounded by water/wetlands.							
17	Available	5F: Evaluated for Forest Health Considerations	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: 2017-Treatment on majority of stand. Upon completion of harvest, stand boundary will be re-drawn.							
30	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
32	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments: 300 foot buffer from designated trout stream.							
34	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: 300 foot buffer from designated trout stream.							

Report 4 – Site Conditions

Gwinn Mgt. Unit
Matt Yeo : Examiner

Compartment: 67
Year of Entry: 2026

35	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments: 300 foot buffer from designated trout stream.							
43	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: 300 foot buffer from designated trout stream.							

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
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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.
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of natural communities that have been identified as Element Occurrences (EOs) by the Michigan Natural Features Inventory (MNFI) within the context of their natural community classification system. Element Occurrences with viability ranks of A (Excellent) or B (Good) and a Global (G) or State (S) element (rarity) ranking of endangered (1), threatened (2), or rare (3) serve as an initial base of ERAs. They may be located upon any ownership in the State. The system is comprised of individual or associations of natural community types that are managed for restoration and maintenance of natural ecological processes and values. The public may submit recommendations for lands as ERAs using the DNR Conservation Area Recommendation Form.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																				
1	4136 - Aspen, Mixed Conifer	Poletimber Well	19.5	85	Unspecified	N/A	4/24/24: Stand is an upland area blocked by physical obstacle. Surrounded by wetlands and water. Paper birch pole/log, balsam fir sap/pole, spruce sap/pole along southern edge, aspen pole/log. Heavier conifer presence in the northwest corner of stand.																																																				
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2	6121 - Tamarack	Poletimber Poor	6.5	42	Unspecified	N/A	4/24/24: Tamarack pole timber dominant with some black spruce sap/pole mixed in. Lots of moss and bog leatherleaf present. Regen is made up of some tamarack and lots of black spruce. Some scattered white pine saplings and logs, and some scattered cedar pole/log.																																																				
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3	4139 - Aspen, Mixed Deciduous	Poletimber Well	41.8	45	Unspecified	N/A	4/30/24: More of an upland site with several rolling hills and some open areas. Stand was split from stand 92 due to lower aspen stocking and more of a hardwood component. Mainly aspen sap/pole, few scattered logs. Red maple and sugar maple sap/pole, mainly saplings regenerating well under the pole aspen. Scattered balsam fir sap/pole and cherry sap/pole. Trace amounts of black spruce and white pine. Black spruce heavier near southern stand edge near wetland. Few scattered aspen logs and white spruce logs, few maple poles. Overall size is variable, primarily aspen poletimber with maple saplings.																																																				
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4	42110 - Planted Red Pine	Sawtimber Well	3.8	75	51-80	N/A	Red pine planted to function as windbreak. Stand serves aesthetic purpose due to proximity to Leighton Rd. Healthy crowns.																																																				
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6	6122 - Black Spruce	Poletimber Medium	5.1	54	1-50	N/A	3/27/24: Tag alder along stand edge, some scattered cedar log trees near edge of stand 21. Area is a lowland bog dominated by black spruce pole/sap, lots of moss and wet areas. Some more open areas with tag alder found throughout. Some aspen and fir sap/pole mixed in as well, mainly near stand edges. Trace amounts of red maple, black cherry, and white pine.																																																							
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7	4130 - Aspen	Sapling Well	7.7	20	Immature	N/A	4/29/24: Mainly aspen saplings with some scattered red pine sap/pole mixed in, very few red pine logs and very few aspen poles. Majority of conifer presence is in the south portion of the stand. The stand is next to a large opening with scattered mix of species.																																																							
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8	3301 - Low Density Deciduous Trees	Nonstocked	5.9		Unspecified	No	04/01/2024: Open area with scattered trees, lots of moss/lichens and blueberry on ground. Scattered red maple variable sizes, cherry sap/poles, aspen saplings, spruce/fir sap/poles, few white pine saplings. 2014:Cherry brush, aspen thickets and fir saplings common. Sedge, blueberry and lichens. White pine and black spruce saplings found. Black cherry, red maple and white spruce poletimber.																																																							
11	4130 - Aspen	Sawtimber Well	28.5	54	Unspecified	N/A	Aspen stand nearing maturity, few older wildlife openings encroached with trees. Per wildlife tech stands were merged into forested stand.																																																							
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12	4133 - Aspen, Mixed Pine	Sapling Well	16.8	22	Unspecified	N/A	3/26/24: Road goes through stand, some scattered aspen logs, mainly aspen and red pine saplings and poles. Some scattered small more open areas. Many areas of variable stocking and variable size classes for aspen and red pine. Infrequent balsam poplar and black cherry poles. Some balsam poplar saplings present. Few strips of mature red pine with scattered spruce/fir. Old gravel pit in far western edge of stand, right off Leighton Road. Small spruce pocket on the far western tip of the stand. Trace amounts of paper birch, white pine, crab apple. Red pine appears to be slightly higher stocked south of the road. Some autumn olive found, will monitor the spread.																																																							
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13	4133 - Aspen, Mixed Pine	Sapling Well	2.0	31	Unspecified	N/A	3/27/24: Good aspen regeneration with a mix of saplings/poles with scattered red pine saplings/poles. Overall a quaking aspen stand with scattered red pine pockets.																																																							
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14	6220 - Alder/willow	Nonstocked	124.0		Unspecified	No	3/27/24: 50/50 mix of willow and tag alder. Stand is large with species composition of low shrubs, grasses, moss, forbs, and scattered trees is variable. Little West branch of Escanaba River and tributary streams run through southern portion of stand. Some heavy beaver activity seen at the time of inventory.																																											
16	4130 - Aspen	Sapling Well	5.1	15	Unspecified	N/A	2014: Scattered small openings. 3/27/24: Good aspen regeneration, sapling dominant. Scattered cherry saplings, very few scattered spruce saplings/poles. Very few scattered balsam saplings, few scattered tag alder saplings. Scattered tag alder pockets in wetter areas near stand edge.																																											
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20	3303 - Mixed Low Density Trees	Nonstocked	14.2		Unspecified	No	3/27/24: Patches of opening with trees filling in. Scattered red pine, choke cherry, balsam poplar, black spruce, white spruce, aspen and jack pine saplings found. White birch and white spruce poletimber found along north edge.																																											
21	4130 - Aspen	Poletimber Well	11.2	33	Unspecified	N/A	2014: Vigorous bigtooth aspen. 3/26/24: Good aspen stand, bigtooth aspen poletimber dominant. Few scattered aspen logs. Balsam fir and black spruce scattered throughout. Old grown in road through stand 25 connecting to stand 21 across the tag alder lowland area. Overall good mix of sapling/pole aspen.																																											
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22	4130 - Aspen	Poletimber Well	10.5	44	Unspecified	N/A	2014: One and two stick aspen. Some Siberian crab planted in 1970s along south edge. 3/27/24: Quaking aspen pole dominant, few scattered aspen logs. Old 2-track trail running through the west portion of the stand. Red pine scattered close to trail. Lots of dead aspen, broken tops, dieback, and cankers. Varying diameters and basal areas throughout.																																											
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23	3303 - Mixed Low Density Trees	Nonstocked	9.1		Unspecified	Managed Opening	3/27/24: Scattered white pine and white spruce seedlings, some poles. Some scattered aspen saplings as well. 2014: Clumpy red pine and aspen saplings. Red pine most prevalent to north edge of stand. Sparse black cherry and black spruce poles. Siberian crabs planted in 1983 doing well.																																											
25	4319 - Mixed Upland Forest	Poletimber Well	31.9	54	1-50	N/A	2014: Pockets of sparse balsam poplar and tag alder. Aspen contain 2 to 3 sticks. 3/27/24: Upland with lowland area, some areas of standing water. Tag alder along stand edge, some scattered cedar log trees near edge of stand 21. Aspen sap/pole, black spruce sap/pole, red maple saplings. Heavier black spruce by wetland stand edge, scattered aspen logs, pockets of aspen saplings. Few scattered paper birch, few white spruce, few white pine. Mainly quaking aspen and black spruce poletimber dominant, lots of aspen poles around 4 sticks. Spruce budworm damage present, areas of dead pockets. Some cankers found on aspen as well.																																											
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26	3303 - Mixed Low Density Trees	Nonstocked	1.8		Unspecified	No	3/28/24: Open area in middle of aspen pole stand with scattered balsam fir saplings/poles and aspen saplings/poles. Scattered cherry saplings present as well. Trees are starting to encroach in the open area.																																															
27	4130 - Aspen	Sapling Well	18.4	24	Unspecified	N/A	2014: Fully stocked stand. 3/27/24: Lots of aspen saplings, some scattered poles, lots of saplings at or right around pole size. Scattered low areas with standing water. Scattered areas of blowdown with dead trees, dead pockets scattered, likely blowdown or ground too wet, found mainly in east edge of stand. Good mix of bigtooth and quaking. Open area in middle of stand (stand 26) with scattered balsam, aspen, and some cherry. Few scattered red maple poles.																																															
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29	4130 - Aspen	Sapling Well	9.8	7	Immature	N/A	3/27/24: Stand was cut in 2017. Fully stocked aspen saplings, patches of poor stocked aspen, patch of mature aspen at the east end of the stand. Scattered large white pine, balsam fir poles, black spruce poles, black cherry saplings, red maple poles, and paper birch poles. Overall mainly aspen saplings regenerating well from the harvest in 2017.																																															
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32	6120 - Lowland Cedar	Poletimber Well	21.0	122	Unspecified	N/A	3/27/24: Lowland area, standing water in lots of areas. Cedar pole dominant, scattered black spruce and balsam fir. Scattered tag alder pockets, few scattered cedar logs. Fair amount of dead trees, mainly tipped over. Very few scattered paper birch and red maple pole/log, good amount of balsam fir regeneration. Black spruce heavier along west side stand edge. Overall mainly cedar poles, access is ok due to a recent timber sale to the east of the stand, timber quality is low.																																															
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34	4130 - Aspen	Poletimber Well	13.3	54	Unspecified	N/A	3/27/24: Aspen poletimber dominant, some scattered log aspen. Lots of spruce/balsam in the southwest corner of the stand, conifer pockets scattered throughout. Scattered balsam fir poles mixed in with the dominant aspen poles. Lots of red maple saplings, aspen poles mainly 4-5 sticks. Some scattered bigtooth poles, black spruce poles, and cherry poles.																																															
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37	3102 - Grass	Nonstocked	10.3		Unspecified	Managed Opening	4/18/24: Open area with encompasses three powerlines, an underground gas pipeline, and a county road.																																														
38	6220 - Alder/willow	Nonstocked	2.8		Unspecified	No	4/18/24: Lowland area with a stream, tag alder dominant surrounding stream. Few scattered cedar and black spruced mixed in with the alder/willow. Conifer strip (white pine, cedar, black spruce) along southern stand edge, transition area between stand 38 and 54.																																														
39	4319 - Mixed Upland Forest	Sapling Medium	23.4	9	Immature	N/A	3/28/24: Stand harvested in 2015. Some paper birch left behind, scattered poles, some logs. Aspen and balsam fir sapling dominant, regenerating well. Black spruce saplings heavier along road through middle of the stand and along stand edges. Primarily aspen sapling regeneration with lots of balsam fir saplings and black spruce saplings. Areas of lower stocking, some scattered more open areas.																																														
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41	6220 - Alder/willow	Nonstocked	3.3		Unspecified	No	2014: Some scattered clumps of black spruce and aspen poles. Black spruce saplings found. 4/18/24: Lowland area where stream crosses under the road, tag alder dominant surrounding stream. Few scattered black spruce and aspen.																																														
42	4130 - Aspen	Sapling Well	5.6	15	Unspecified	N/A	2014: Aspen regeneration density adequate. Aspen around 10 feet tall. Sporadic white pine saplings. 4/18/24: Good aspen sapling regeneration. Few scattered black spruce. Good amount of balsam fir mixed in with the aspen, few aspen poles mixed in. Trace amounts of white spruce, red maple, red pine, and white pine also found.																																														
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43	6224 - Treed Bog	Nonstocked	8.2		Unspecified	No	3/28/24: Lots of young black spruce saplings. Leatherleaf and Labrador tea predominate. Classic bog loaded with black spruce saplings.																																														
46	6122 - Black Spruce	Poletimber Medium	2.8	60	Unspecified	N/A	2014: Healthy spruce crowns.4/1/24: Black spruce dominant sap/pole. Heavy stocked, lots of saplings becoming poles. Small strip inbetween a spruce bog and an aspen stand. Areas of blowdown, dead fallen over trees.																																														
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47	4130 - Aspen	Poletimber Well	22.7	53	Unspecified	N/A	3/27/24: Quaking aspen poletimber dominant, decent amount of mixed in logs, some saplings. Scattered white spruce and balsam fir poles. Some scattered aspen logs, very few. Lots of balsam fir sapling regeneration. Some white pine saplings/poles mainly near stand edge near powerline, few black spruce saplings, and white spruce saplings. Pockets of aspen with cankers and broke tops.																																														
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48	3105 - Mixed Upland Herbaceous	Nonstocked	18.2		Unspecified	Managed Opening	Powerline and County Road 557 ROW. Also underground gas pipeline present. Trees scattered along road edges.																																				
50	31021 - Cool Season Grass	Nonstocked	28.6		Unspecified	Managed Opening	<p>2019: South portion of stand around 95% open and on gentle south-facing slope. North portion of stand flat with approximately 70% open land. Reindeer moss found around site. Cherry brush and aspen saplings most common woody plants. Scarce white spruce and jack pine saplings.</p> <p>4/18/24: Mainly open grassland, few pockets of scattered trees, one larger aspen sap/pole pocket in the northwest. Scattered black cherry sap/poles and aspen sap/poles all throughout. Black cherry and aspen are most common species scattered throughout. Few scattered spruce/fir. Lots of blackberry present in area south of stand 52. Overall mainly an open grassland with few scattered patches of aspen and lots of scattered black cherry trees.</p>																																				
52	4130 - Aspen	Sapling Well	7.9	24	Unspecified	N/A	2014: Jack pine, red pine and black spruce seedlings found. 4/18/24: Mainly Q.aspen sap/poles, healthy and growing well. Good amount of black cherry mixed in, good amount of spruce/fir regeneration as well. Few scattered white pine seedlings, heavy blackberry presence south of the stand. Some small open areas mixed in the stand, good mix of aspen saplings and poles, lots of saplings on the verge of becoming poletimber.																																				
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53	6220 - Alder/willow	Nonstocked	18.3		Unspecified	No	4/18/24: Stream running through stand, surrounded by tag alder (dominant). Scattered larger diameter balsam fir, white spruce, cedar, and aspen, all along the stream edge. Small strip of mature cedar inbetween stand 120 and 79, cedar dominant mainly log size, 140BA, mixed in balsam fir and black ash, good amount of balsam fir regen as well. Lots of grass and shrubs along stream edge, trace amounts of scattered black ash, paper birch, and red maple along edges as well. Stand is composed of mainly tag alder, especially thick around the stream, tag alder dominant.																																				



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54	4130 - Aspen	Sapling Well	22.2	7	Immature	N/A	Stand was cut in 2017.																																																
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55	6220 - Alder/willow	Nonstocked	1.3		Unspecified	No	2014: Predominantly willow and leatherleaf. 4/18/24: Open area, wet patches, standing water. Willow dominant, scattered red maple, balsam fir, and white pine along stand edge. Grass and leatherleaf present.																																																
56	6220 - Alder/willow	Nonstocked	91.2		Unspecified	No	Lone Pine Creek floodplain. 3/28/24: Mainly open floodplain with river flowing through, lots of scattered tag alder. Grass all around/along river, some scattered cedar saplings, few scattered black spruce. Some areas of dead standing cedar, heavier areas of black spruce near stand edges. Overall mainly open floodplain with grasses and tag alder with some scattered cedar and black spruce saplings/seedlings.																																																
57	42390 - Mixed Non-Pine Upland Conifers	Poletimber Medium	8.9	64	51-80	N/A	2019: Semi-open stand. Grass, blueberries and lichens where tree cover absent. White pine and white birch poles present. White pine saplings found. Spruce budworm impacting stand. 4/1/24: North edge of stand has scattered cedar logs/poles. Lots of scattered balsam fir sap/pole, black spruce sap/pole, and red maple sap/poles. Scattered aspen, white spruce, and yellow birch as well. Lots of dead spruce/fir pockets found during time of inventory, spruce budworm has had a significant impact on this stand.																																																
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58	4130 - Aspen	Poletimber Well	79.7	43	Unspecified	N/A	2014: Aspen healthy. Some isolated blueberry patches. Occasional white pine saplings. 4/11/24: Aspen pole timber dominant, healthy and growing well, mainly 3-4 stick aspen. Scattered black cherry and red maple saplings, good amount of balsam fir and white spruce saplings. Trace amounts of white pine, scattered red maple clumps and poles that had a heavier presence in the northeast edge of the stand. Dead spruce pockets in some areas, possible budworm impact. Some scattered open areas with moss/lichen and black cherry shrubbery. Very few scattered aspen logs, stand will likely be ready for harvest at the next inventory. Basal area averaged around 80-90.																																																											
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59	3303 - Mixed Low Density Trees	Nonstocked	0.6		Unspecified	No	3/28/24: Sort of an open area with scattered red maple, quaking aspen, balsam fir, white spruce, black cherry, mostly poles and saplings. Small strip in between the road and river floodplain. White spruce poles are most present.																																																											
62	3303 - Mixed Low Density Trees	Nonstocked	5.1		Unspecified	No	4/30/24: Mostly open area with scattered trees and regeneration. Lots of scattered trees are encroaching. Some aspen areas. Area was harvested with stand 66 but is lacking the aspen regeneration. Regen is primarily red maple and black cherry.																																																											
63	6122 - Black Spruce	Sapling Medium	17.8	25	Immature	N/A	4/29/24: Heavy black spruce presence, dominant black spruce sap/pole 3" avg. Heavy moss and bog leatherleaf covering the ground. Lots of blowdown. Very few scattered white pine, paper birch, and tamarack. Good amount of spruce regen. Heavier stocking in some areas but overall spruce is fairly scattered, typical spruce bog. More of a mix of species and size classes in the north and west.																																																											
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65	3303 - Mixed Low Density Trees	Nonstocked	3.4		Unspecified	No	2014: Some cherry and aspen brush. White Pine saplings present. Occasional pin cherry poles. 4/2/24: Large part of the stand is an open area with scattered cherry sapling/poles and balsam fir sapling/poles. Scattered aspen, white pine, and white spruce saplings as well. Mainly open area, scattered trees, lots of grass/moss/lichen covering the ground.																																																											
66	4136 - Aspen, Mixed Conifer	Sapling Medium	41.6	9	Immature	N/A	12/14/16: Long sandy low ridges. Lower quality site. Areas where red maple is majority of stocking. Clubmoss common. Spruce budworm impacting stand prior to harvest. 4/29/24: Recently harvested area, good regen, mainly aspen 1-2", good mix of red maple saplings 1-2" as well. Some scattered balsam fir throughout, sapling 2-3", few scattered balsam fir poles. Overstory has residual white pine throughout, log/pole. Scattered open areas of lower stocking mixed in throughout. Clubmoss is common, some areas of raspberry. Pockets of white pine log/pole throughout, more so in the north of the stand, northern tip has a heavy white pine pocket. Overall good aspen, maple, and fir regeneration throughout, under the large white pine. Scattered small open areas throughout, where landings and roads were when it was harvested.																																																											
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67	6225 - Bog	Nonstocked	1.6		Unspecified	No	4/30/24: Open area, bog leatherleaf covering almost the entire area. Some areas of open water. Stand is surrounded by trees, some grass present, some scattered dead trees. Trace amounts of tamarack, red maple, and white pine.																																																
69	4130 - Aspen	Sapling Well	5.4	18	Unspecified	N/A	2014: High stem density. Black cherry poles present. 4/10/24: Aspen sapling regeneration dominant. Good mix of balsam fir and white spruce pole/sap. Few black cherry sap/pole, very few scattered. Trace amounts of pole aspen, very few. Trace amounts of white pine and red maple near southern edge. Some red maple sapling regeneration near southern edge as well.																																																
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70	6122 - Black Spruce	Sapling Well	5.9	30	Unspecified	N/A	4/18/24: Black spruce sap/pole dominant, area is lowland and wet, standing water in some areas, lots of moss and leatherleaf. Few scattered cedar poles, fair amount of balsam fir saplings, scattered paper birch saplings, few red maple saplings. Few white pine scattered, mainly log size. Scattered pockets of dead spruce, spruce budworm. Lots of black spruce seedlings present. Some sapling aspen mixed in around stand edges and primarily in the southeast corner with paper birch, balsam fir, and red maple saplings, along with lots of tag alder mixed in. Overall the stand is comparable to a spruce bog in some areas with variability.																																																
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73	4319 - Mixed Upland Forest	Poletimber Poor	20.3	64	1-50	N/A	2014: Semi-open stand. Grass, blueberries and lichens where tree cover absent. White pine and white birch poles present. White pine saplings found. Spruce budworm impacting stand. 4/11/24: Open areas throughout the stand, road goes through stand. A good amount of dead spruce, spruce budworm. Quaking aspen sap/pole, balsam fir sap/pole, very few jack pine sap/pole. Regeneration is primarily quaking aspen and balsam fir, very few scattered white pine and white spruce. Some black spruce present near wetland swamp edge, lots of balsam fir throughout stand.																																																
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74	4319 - Mixed Upland Forest	Sapling Medium	1.5	25	1-50	N/A	4/11/24: Very few scattered red maple and black cherry sap/pole. Heavy component of aspen sapling regeneration mixed in with heavy components of balsam fir and white spruce. Trace amounts of white pine. Overall a conifer pocket surrounded by aspen regeneration with lots of aspen mixed in throughout. Some open lower stocked areas mixed in the stand as well.																																																
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76	6120 - Lowland Cedar	Poletimber Well	18.2	120	Unspecified	N/A	2014: Stream corridor.																																																			
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77	6225 - Bog	Nonstocked	31.1	0	Unspecified	No	4/1/24: Typical bog, good amount of cedar and black spruce, mainly pole cedar and sapling black spruce. Lots of dead standing cedar and lots of tag alder. Trees more abundant near stand edge.																																																			
78	4134 - Aspen, Spruce/Fir	Sapling Well	8.6	24	Unspecified	N/A	4/18/24: Quaking aspen sapling 2-3" dominant. Scattered balsam fir and red maple, few paper birch and black cherry sap/pole. Good mix of fir amongst the aspen saplings. Black spruce found along stand edge stand 77. Pockets of tag alder in low wet areas. Similar to stand 73, more aspen in stand 78.																																																			
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79	6220 - Alder/willow	Nonstocked	46.8		Unspecified	No	2014: Stream corridor. 4/1/24: Lots of tag alder present, few scattered black spruce and paper birch saplings.																																																			
80	4110 - Sugar Maple Association	Poletimber Well	7.1	88	81-110	N/A	2014: Moderate quality timber. Some canopy gaps with raspberry. Clubmoss. 4/25/24: Okay quality, lots of gaps throughout, some pretty large. Regeneration is okay, doing well in the gaps, heavy area of regen along the east edge of the stand, more open area. Good amount of aspen and ironwood saplings, few red maple, sugar maple, black cherry, and balsam saplings mixed in. Trace amounts of white pine mixed in. Appears to be an okay site with slow growth, lots of pole trees on the verge of becoming log size.																																																			
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81	31021 - Cool Season Grass	Nonstocked	9.1		Unspecified	Managed Opening	2019: Good quality grass. Some cherry brush. Aspen saplings. Apple trees were planted and mulching activities were prescribed in anticipation of future cultivation activities. 4/2/24: Open grassland, few scattered cherry and aspen saplings. Few scattered white pine seedlings, some lichens/moss present. Evidence of old plow lines. Planted apple trees appear to be fenced off and doing well. More scattered aspen in northeast area of stand pole/sapling size.																																																			



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83	6120 - Lowland Cedar	Sawtimber Well	33.1	120	Unspecified	N/A	4/29/24: Cedar dominant log/pole, mainly log, healthy and growing well. Scattered tag alder pockets, primarily around the creek that runs through the stand. Cedar is dense and thick especially in the south of the stand, more lightly stocked in the north. Trace amounts of red maple, cherry, and paper birch along the stand edges. Black spruce and balsam fir along transition area between stand 92 and 83. Stand is highlighted in the Little West Branch Rich Conifer Swamp ERA Management Plan.																																																						
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84	42340 - Upland Spruce/Fir	Poletimber Medium	2.3	35	Unspecified	N/A	5/23/14: Dry, infertile site. Black cherry, red maple and white pine poletimber found. White pine and black cherry saplings present. 4/30/24: Narrow stand along road. Black spruce sap/pole dominant. Good amount of balsam fir sap/pole mixed in. Aspen sap/pole mixed in the north portion of the stand. Scattered paper birch, red maple, and white pine saplings.																																																						
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85	3102 - Grass	Nonstocked	0.5		Unspecified	Managed Opening	4/24/24: Small open grassland area, good amount of raspberry. Scattered cherry and aspen, few spruce/fir.																																																						
86	3102 - Grass	Nonstocked	1.5		Unspecified	Managed Opening	4/24/24: Open grass area, scattered cherry, few aspen. Trace amounts of white pine and spruce/fir.																																																						
87	4139 - Aspen, Mixed Deciduous	Poletimber Well	88.6	37	Unspecified	N/A	5/23/14: Primarily one and two stick aspen. Balsam fir and white birch are infrequent overstory associates. 4/29/24: Aspen pole/sap dominated, aspen is doing okay. Good amount of cherry mixed in. Most aspen 2-3 sticks on average. Good mix of red maple and sugar maple saplings mixed in with the aspen. Some larger diameter aspen mixed in throughout. Scattered white pine and balsam fir. Appears to be more of a mix of larger diameter aspen in the northeast of the stand. Trace amounts of paper birch and white spruce. Areas of standing water in the northeast tip, several wetter pockets. Red maple regenerating well under the aspen, some sugar maple to. Some red maple, cherry, and sugar maple poles present. Overall aspen pole dominant with good maple regeneration underneath.																																																						
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88	3102 - Grass	Nonstocked	4.6		Unspecified	Managed Opening	7/6/19: Poor grass and lichens. Cherry brush and aspen thickets present. Opening mulched in preparation for future cultivation. 4/30/24: Mainly open, grass and moss/lichen presence. Scattered cherry sap/poles, scattered aspen sap/poles (some pockets of aspen to). Trace amounts of red maple, white pine, spruce/fir.																																																						
90	3105 - Mixed Upland Herbaceous	Nonstocked	2.4		Unspecified	Managed Opening	2019: Poor site fertility. Scattered white pine saplings and cherry brush patches. Some blueberry. 4/2/24: Mainly open area starting to seed in with a scattered mix of species. White pine and cherry saplings/poles, cherry is the main scattered species. Lots of moss/lichen present with a good amount of ferns. Planted trees along road and stand edge seem to be doing well.																																																						



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91	3301 - Low Density Deciduous Trees	Nonstocked	9.5		Unspecified	No	2014: Poor quality grass. Cherry brush. Some small black cherry poletimber. Black spruce and aspen saplings. 4/24/24: Apple trees fenced off and doing okay. Mainly open grass area, good amount of cherry sap/poles and aspen sap/poles growing in scattered throughout. Scattered spruce/fir, and white pine. Small pocket of tamarack in the north of the stand. Old ATV trail running along the western stand edge. Overall mainly open grassland with good amounts of cherry mixed in and few scattered other species.																																																			
92	4130 - Aspen	Poletimber Well	73.0	45	81-110	N/A	5/23/14: Two to three stick tall aspen. Some aspen up to 10 inches Dbh. Infrequent white spruce poletimber. 4/29/24: Aspen poletimber dominant, good amount of scattered logs. Mainly 4 stick aspen, consistent 3-5 sticks. Cankers present, some broke tops, dieback, and blowdown present also. Scattered balsam fir poles and cherry sap/poles. Trace amounts of white spruce, black spruce, cedar, and paper birch, some blackberry and raspberry in understory. Black spruce, tamarack, and cedar near north stand boundary, in transition area before the bog. Good amount of cankers present, pushing the stand towards harvest. Areas of dead spruce, noticeable inbetween stand 92 and 100, budworm present. Stand is being merged with stand 8 directly to the east as they will be managed the same.																																																			
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94	4130 - Aspen	Poletimber Well	7.4	45	Unspecified	N/A	5/20/14: Classic aspen overstory above fir saplings. Aspen is 2 to 3 stick tall. 4/24/24: Aspen dominant, pole/log mainly, 4-stick average, leaning towards a more log dominated stand. Good amount of balsam fir in the understory. Cankers on some of the aspen, and some broke tops. Trace amounts of paper birch and red maple. Stocking is pretty dense, thick tree coverage.																																																			
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95	3102 - Grass	Nonstocked	6.9		Unspecified	Managed Opening	12/17/18: Concentration of 8 to 12 foot tall white pine within northern portion of stand. Pockets of dense cherry brush and some aspen whips. 4/24/24: Mainly open grassland, heavier areas of white pine sap/poles 15-20 feet tall. Scattered cherry and aspen. Trace amounts of spruce/fir.																																																			
97	42380 - Non Pine Upland Conifer, Mixed Deciduous	Poletimber Poor	17.5	40	Unspecified	N/A	4/29/24: Upland area with some lowland parts. Lots of spruce/fir with aspen. Lots of ferns present, pretty open area throughout. Trace amounts of red maple and paper birch. Few lowland areas with standing water, areas of dead spruce/fir, budworm present. Some scattered larger diameter aspen in the more upland areas. Some completely open pockets with cherry and red maple. Overall a semi open area with a variety of species and size classes across upland and lowland areas.																																																			
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98	6224 - Treed Bog	Nonstocked	42.8		Unspecified	No	Tamarack and black spruce saplings dominant cover. Some poles, mainly to east.																																																			



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99	42380 - Non Pine Upland Conifer, Mixed Deciduous	Poletimber Well	34.1	56	51-80	N/A	5/23/14: Stand is mosaic of upland and lowland sites. Upland found along west edge. 4/29/24: Pockets of dead spruce/fir, budworm present, a good amount of dead trees. Mainly aspen poles/logs, good amount of logs, cankers present on some. Balsam fir is the other main component, mainly healthy poles. Some black cherry poles, some black spruce poles (many dead), some white spruce poles and few white spruce logs. Few mixed in cedar pole/log. Trace amounts of red maple, paper birch, and tamarack. Pockets of tag alder, some areas with standing water. Heavier areas of cedar near eastern stand edge.																																																																
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100	6120 - Lowland Cedar	Poletimber Well	28.1	120	Unspecified	N/A	4/24/24: Black spruce fairly frequent, lots are dead, spruce budworm present. Cedar pole/log dominant, trees appear healthy. Scattered pockets of tag alder in wet areas and canopy gaps. Good amount of balsam fir regeneration. Heavier spruce component in the southern part of the stand. Scattered balsam fir poles, lots of moss and bog leatherleaf present. Standing water in lots of areas, good amount of fallen over cedar, many still alive. Trace amounts of white pine and red maple.																																																																
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101	31021 - Cool Season Grass	Nonstocked	1.9		Unspecified	Managed Opening	12/17/18: Rough ground. Moderate quality grass forage. Cherry brush, aspen whips and black cherry small poles present. 4/24/24: Mainly open area with road going through the stand, some scattered trees. Lots of grass and raspberry. Cherry and aspen sap/poles most common scattered tree species.																																																																
102	6120 - Lowland Cedar	Sawtimber Medium	9.5	136	Unspecified	N/A	5/23/14: Frequent pools of water. Trembling aspen and red maple are infrequent overstory associates. 4/24/24: Cedar log/pole dominant, good mix of both poles and logs but overall more logs. Some black spruce pole/sap, mainly pole. Some balsam fir sap/pole, mainly pole. Standing water in lots of areas, good amount of bog leatherleaf and moss. A good amount of tag alder, scattered open pockets. Good amount of balsam fir regen as well. Trace amounts of red maple, paper birch, and aspen, aspen primarily near northern edge. Some blowdown and some dead cedar/spruce.																																																																
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103	4319 - Mixed Upland Forest	Poletimber Medium	8.6	24	51-80	N/A	2/7/19: Semi-open stand. Grass, blueberries and lichens where tree cover absent. White pine and white birch poles present. White pine saplings found. Spruce budworm impacting stand. 4/24/24: Upland with lowland, more upland in the north. Quaking aspen sap/pole dominant, good amount of red maple sap/pole and balsam fir pole/sap as well. Some white pine sap/pole and few large diameter white pine. Spruce budworm impact is apparent with dead spruce/fir. Scattered open areas throughout. South of the stand turns into a spruce bog, stand is bordered by young aspen regeneration all to the west.																																																																
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104	6121 - Tamarack	Poletimber Poor	53.0	56	51-80	N/A	4/25/24: Lots of tamarack poles, few scattered bigger tamarack. Lowland wet area, lots of moss and bog leatherleaf covering the ground, some areas of standing water, pockets of tag alder also present. Trace amounts of red maple and balsam fir. Some black spruce sap/pole mixed in with the tamarack. Few scattered cedar pole/log. Lots of blowdown and fallen over trees. Most of cedar is scattered along west stand edge. Overall mainly tamarack and black spruce poles, some scattered cedar, classic bog, wet with lots of moss.																																																								
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106	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Medium	10.1	56	Unspecified	N/A	4/25/24: Lowland with upland, open areas scattered throughout. Cedar pole/log and black spruce pole make up most of the lowland areas. Upland area has more of a mix of red maple pole/log and paper birch pole/log. Trace amounts of yellow birch, hemlock, and white pine. Northern part of stand appears to be more upland. Cedar concentrated along west stand edge. Overall mainly black spruce pole, paper birch pole/log, and scattered red maple poles with cedar near stand edge.																																																								
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107	6220 - Alder/willow	Nonstocked	5.4		Unspecified	No	2014: Stream corridor. 4/11/24: Stream flowing through, surrounded by tag alder/willow. Good amount of grass along stream. Stand borders up to a cedar swamp.																																																								
111	4134 - Aspen, Spruce/Fir	Poletimber Well	5.2	62	81-110	N/A	2/7/18: Aspen 3 and 4 stick tall. Some are 16 to 18 inch Dbh. Aspen snags and trees with top die-back. More conifer component to overstory along creek. Red maple and black cherry are uncommon overstory associates. White pine, black cherry, white spruce, white birch and trembling aspen saplings present. Spruce budworm present in stand. Retention patch and stream buffer from adjacent overstory removal. 4/23/24: Mix of aspen pole/log, red maple pole/log, balsam fir poles, and white spruce pole/log. Lots of snags and dead trees. Overmature aspen and balsam fir dominant. Regeneration consists of red maple, balsam fir, some aspen, some cherry. Spruce budworm presence, most of the spruce is dead, balsam fir sort of took over where spruce was. Stream buffer.																																																								
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112	4130 - Aspen	Sapling Well	101.8	7	Immature	N/A	2/7/18: Scattered black cherry left. New culvert and pit run placed on road during timber sale. 4/23/24: Quaking aspen sapling dominant, scattered red maple saplings. Few scattered balsam fir sap/pole and white pine poles. Several old pulp piles left from last harvest.																																																								
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
113	4113 - R.Maple, Conifer	Sapling Medium	2.2	9	Immature	N/A	5/6/14: Long sandy low ridges. Lower quality site. Areas where red maple is majority of stocking. Fir and aspen are in overmature condition. Elevated levels of mortality in fir and aspen. Poor form to red maple boles. Clubmoss common. White spruce, tamarack and black cherry poletimber present. Spruce budworm impacting stand. 4/24/24: Area was clearcut with retention in 2015. Okay regeneration left from harvest, mainly red maple stump sprouts. Few overstory retention trees left behind from previous harvest, red maple poles 6" and balsam fir poles 5". Regen is composed of red maple, balsam fir, raspberry, and black cherry. Some open areas scattered throughout. Trace amounts of white pine, black spruce, and aspen. Overall few overstory red maple and balsam fir with a good amount of red maple, balsam fir, and cherry regenerating underneath.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		50	Sapling/Pole	2	9	Black Cherry	Medium	5 - 10 feet	Sapling
Balsam Fir		40	Sapling/Pole	3		Red Maple	Medium	Variable	Sapling
Black Cherry		10	Sapling/Pole	2		Balsam Fir	Medium	5 - 10 feet	Sapling
116	4319 - Mixed Upland Forest	Poletimber Well	3.4	63	81-110	N/A	5/6/14: Long sandy low ridges. Lower quality site. Areas where red maple is majority of stocking. Fir and aspen are in overmature condition. Elevated levels of mortality in fir and aspen. Poor form to red maple boles. Clubmoss common. White spruce, tamarack and black cherry poletimber present. Spruce budworm impacting stand. 4/29/24: Forested area surrounding a swamp with open water. High conifer presence, trace amounts of tamarack, lots of mature aspen. Areas of dead spruce, spruce budworm likely. Trees are not in great health, many overmature, some mortality throughout. Long term retention around open water swamp.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		25	Pole/Log/Sap	9	63	Red Maple	Medium	>20 feet	Sapling
Quaking Aspen		15	Pole/Sap/Log	9		Black Spruce	Low	10 - 20 feet	Sapling
Bigtooth Aspen		5	Pole/Sap/Log	9		White Pine	Low	10 - 20 feet	Sapling
Black Spruce		20	Pole/Sapling	8		Balsam Fir	Medium	5 - 10 feet	Sapling
White Pine		8	Log/Pole/Sap	10					
Balsam Fir		20	Pole/Sapling	9					
Paper Birch		7	Pole/Log	9					
120	4130 - Aspen	Sapling Medium	16.3	9	Immature	N/A	12/13/16: Spruce budworm impacting stand. Very tall spruce and fir, up to 6 and 7 stick tall. 4/24/24: Heavy aspen regeneration dominant 1-2". Some scattered open areas, some standing water in some open areas, more so in northeast area of stand. Scattered balsam fir and white spruce. Few scattered red maple sap/pole. Trace amounts of cedar near southern stand edge, heavier conifer presence in general along southern stand edge.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen		78	Sapling	2	9	Red Maple	Low	Variable	Sapling
White Spruce		7	Sapling	3		Balsam Fir	Medium	5 - 10 feet	Sapling
Red Maple		3	Sapling/Pole	4		Black Spruce	Low	< 5 feet	Sapling
Balsam Fir		12	Sapling	3	9				
122	6220 - Alder/willow	Nonstocked	0.5	0	Unspecified	No	4/18/24: Open area, wet ground, standing water in some areas. Tag alder strip through wet area, surrounded by aspen regeneration. Southern tip of stand is open with scattered shrubs, grass, and trees. Lowland wet depression, some conifer presence surrounding wet lowland tag alder open water areas.		
124	6120 - Lowland Cedar	Sawtimber Well	6.7	151	Unspecified	N/A	4/22/14: Cedar stocking patchy with some tag alder areas. Cedar canopies weak with reduced foliage. Cedar is around 3 sticks tall. 4/25/24: Cedar dominant pole/log. Cedar is patchy with lots of tag alder scattered in. Few red maple and aspen poles along stand edge inbetween 54 and 124. Trace amounts of paper birch and red maple. Good mix of dead cedar. Narrow strip of uncut aspen/spruce/fir poles inbetween 54 and 124, hillside before the cedar stand.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce		10	Pole	8		Tag Alder	High	10 - 20 feet	Tall Shrub
Balsam Fir		8	Pole/Sapling	5		Balsam Fir	Medium	Variable	Sapling
Tamarack		5	Log/Pole	12					
White Pine		2	Log	15					
Northern White Cedar		75	Log/Pole	14	151				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
125	6220 - Alder/willow	Nonstocked	12.8		Unspecified	No	4/18/24: Stream flowing through, lots of tag alder/willow (dominant). Few scattered black spruce and cedar seedlings/saplings. Mix of black spruce, cedar, red maple, and balsam fir on stand edge (surrounding the stand all along the stand edge). Fairly open area.