



# Compartment Review Presentation

Gwinn Forest Management Unit

Compartment 32270

Entry Year 2027

Acreage: 1,212

County: Marquette

Management Area: Ralph Moraine

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**Stand Examiner:** Rick Hill

**Legal Description:**

T45N-R28W. Sections 35 & 36.

**Identified Planning Goals:**

Manage lands for multiple uses. Manage forest for per the forest plan to balance age classes and provide for an even flow of forest products and diverse wildlife habitat.

**Soil and topography:**

Glacial moraines form topography that is nearly level to moderately steep. Soils are predominately well drained loams to sandy loams.

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

This compartment is part of a large block of state ownership. Private ownership exists to the north and west of this compartment however. Land use consists of timber harvesting, fishing, mushroom & berry picking, snowmobiling, and trapping.

**Unique Natural Features:**

A large portion of this compartment consists of northern hardwoods and is part of a larger hardwood complex within this area.

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

None found during this inventory cycle.

**Special Management Designations or Considerations:**

None in this compartment.

**Watershed and Fisheries Considerations:**

This compartment contains Camp Eleven Creek which serves as a tributary to Big Brook. Camp Eleven Creek is a designated Type 1 trout stream less than 50-ft wide and has a predicted mean July water temperature of 62.2 °F (cold stream). A 300-ft buffer is recommended for Camp Eleven Creek 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, Riparian Management Zone is recommended to protect these areas in accordance with Best Management Practices.

**Wildlife Habitat Considerations:**

This compartment is found within the Ralph Moraine 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 Ralph Moraine Management Area: American Woodcock, Blackburnian Warbler, Golden-winged Warbler, Wood Thrush, Black-backed Woodpecker, Ruffed Grouse, Turkey, American Marten, Snowshoe Hare, White-tailed Deer, Black Bear. For lands purchased with Pittman–Robertson Act or Game and Fish funds, the primary objective of vegetative management must be wildlife restoration.

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

Surface sediments consist of medium-textured glacial till and minor coarse-textured till. The glacial drift thickness varies between 10 and 100 feet. Archean granite/gneiss subcrops below the glacial drift. This rock could be used as dimension stone. There are no gravel pits in the area, but there may be some potential. The compartment is relatively far from the historical iron mining districts. There were previous metallic mineral leases in this area. There is no economic oil and gas

production in the UP.

**Vehicle Access:**

The Tower Road is a two track that cuts through the center of the compartment and then heads south. Small two tracks head off of the Tower Road and provide access to different portions of the compartment.

**Survey Needs:**

Any needed survey work will be requested in conjunction with timber sales in the compartment.

**Recreational Facilities and Opportunities:**

A hunter walking trail once existed within this compartment and historically been maintained by wildlife staff. Recreational opportunities consist of hunting, fishing, mushroom & berry picking, snowmobiling, and trapping.

**Fire Protection:**

Fire occurrence is low within this compartment due to the amount of northern hardwood cover type.

**Additional Compartment Information:**

The following reports from the Inventory are attached:

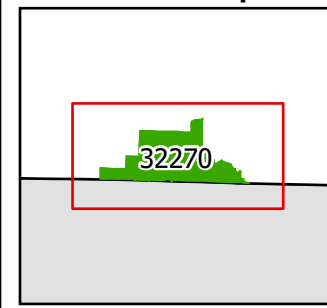
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

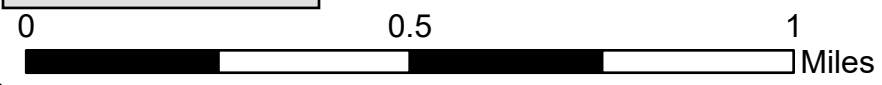
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**



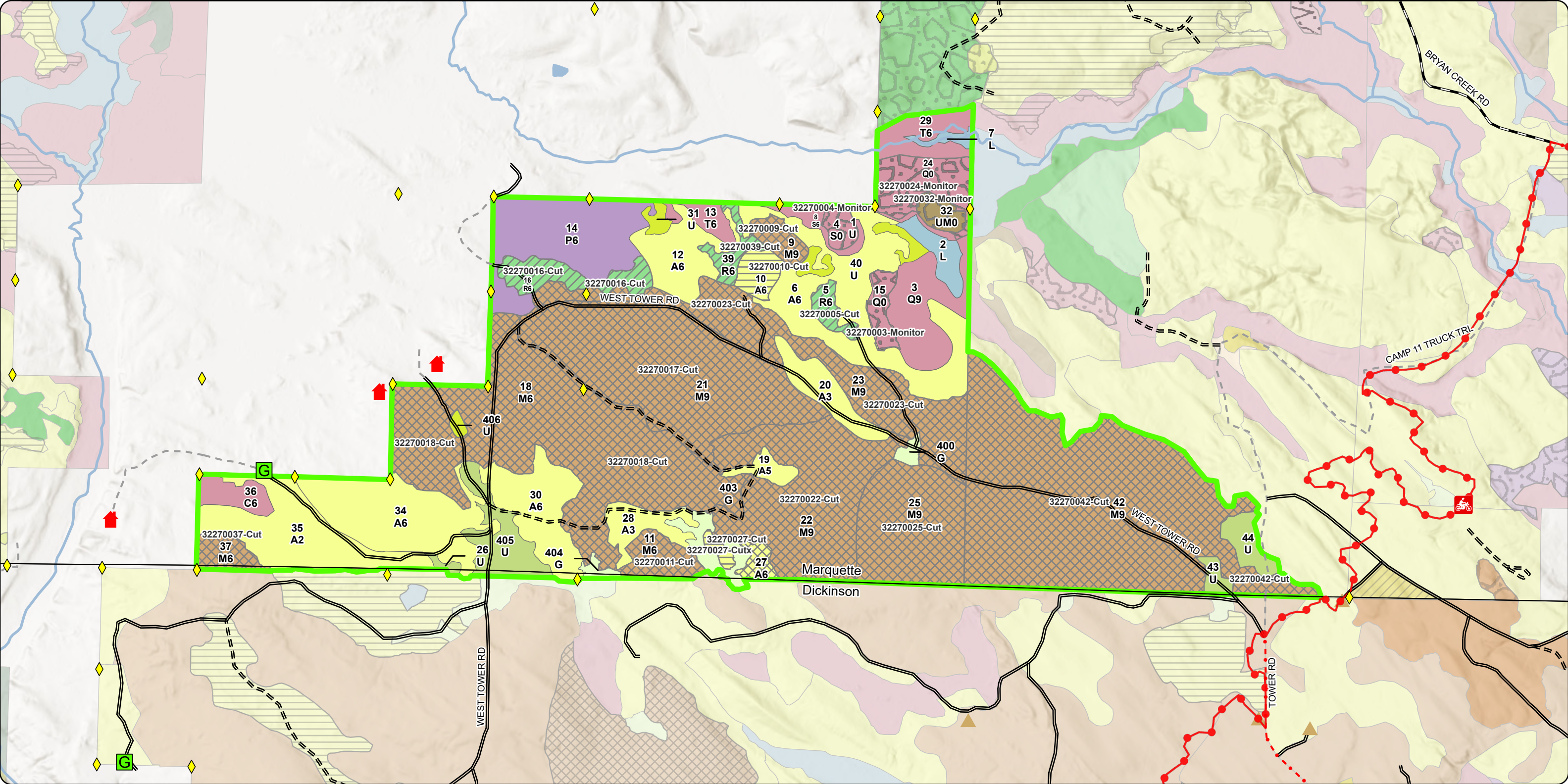
# Cover Type & Treatments Map



Compartment: 32270  
 T45N R28W Sections 25, 35 & 36  
 County: Marquette  
 Unit: Gwinn  
 Mgmt. Area: Ralph Moraine  
 YOE: 2027  
 Acres: 1,212 GIS Calculated  
 Examiner: Rick Hill  
 Date Exported: 11/17/2025  
 Map Phase: Post Review

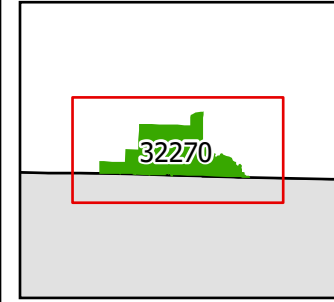


- Survey Grade Corners
- DNR - Secondary Forest Road
- Clearcut
- 430 - Upland Mixed Forest
- Berm
- DNR - Forest Access Route
- Selection
- 611 - Lowland Deciduous Forest
- Gate
- County - Gravel Road
- Thinning
- 612 - Lowland Coniferous Forest
- Designated Motorcycle Trails
- Private - Dirt / Gravel Road
- Monitoring - Regeneration
- 310 - Herbaceous Openland
- DNR - Primary Forest Road
- Streams
- 411 - Northern Hardwood
- Lakes and Rivers
- 413 - Aspen
- Compartment Boundary
- 421 - Planted Pines
- 320 - Upland Shrub
- 330 - Low Density Trees
- 622 - Lowland Shrub

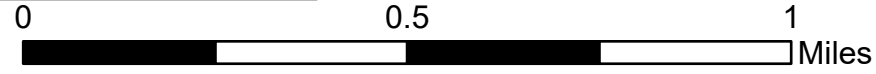




**Stand Boundary Map**



Compartment: 32270  
 T45N-R28W. Sections 35 & 36.  
 County: Marquette  
 Unit: Gwinn  
 Mgmt. Area: Ralph Moraine  
 YOE: 2027  
 Acres: 1,212 GIS Calculated  
 Examiner: Rick Hill  
 Date Exported: 11/17/2025  
 Map Phase: Post Review

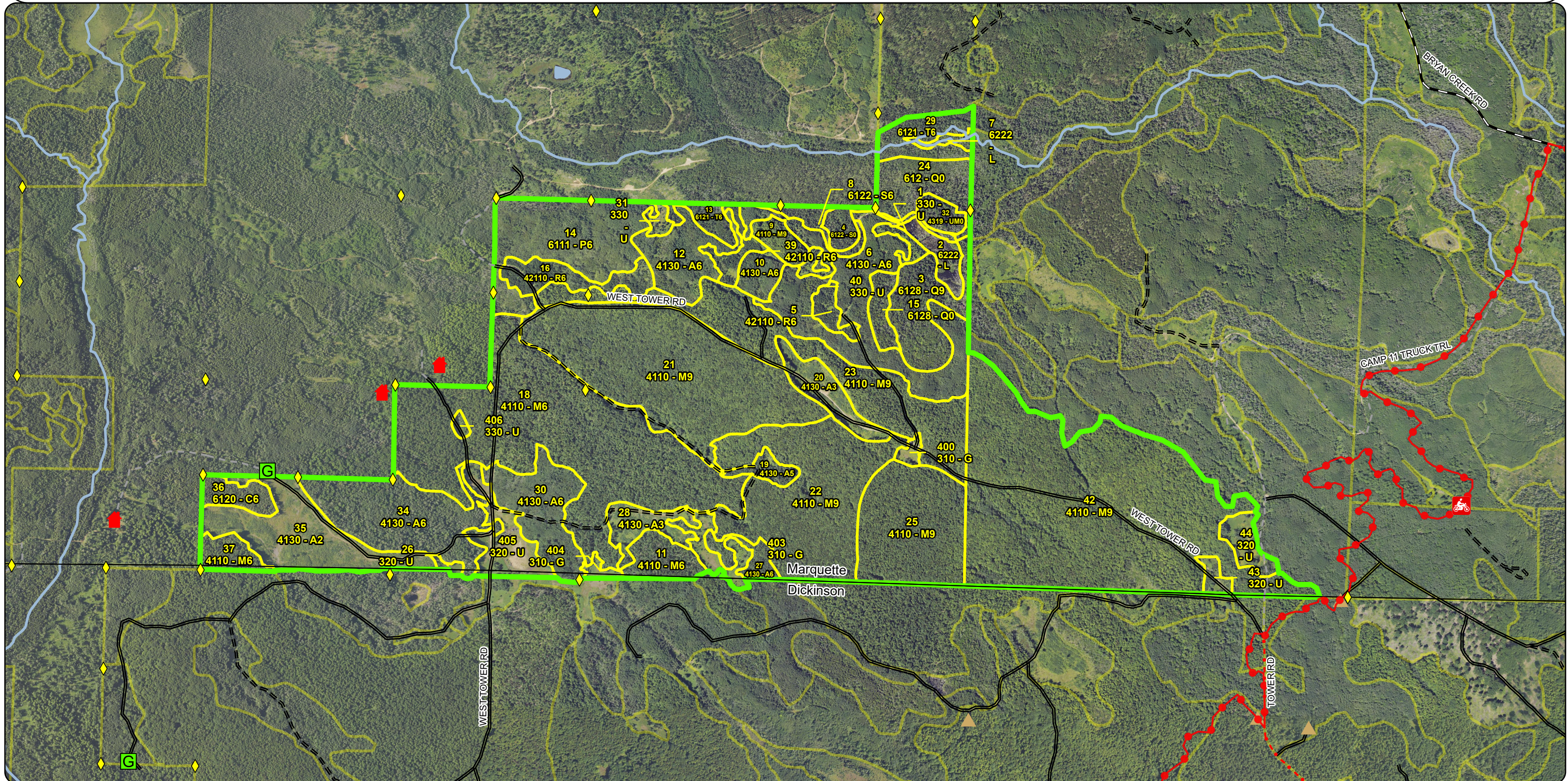


- Survey Grade Corners
- Berm
- Gate
- Gate
- Designated Motorcycle Trails

- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- County - Gravel Road
- Private - Dirt / Gravel Road
- Streams

- Lakes and Rivers
- Compartment Boundary
- 411 - Northern Hardwood
- 413 - Aspen
- 421 - Planted Pines
- 430 - Upland Mixed Forest

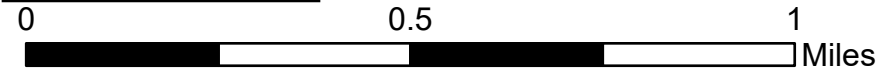
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low Density Trees
- 622 - Lowland Shrub



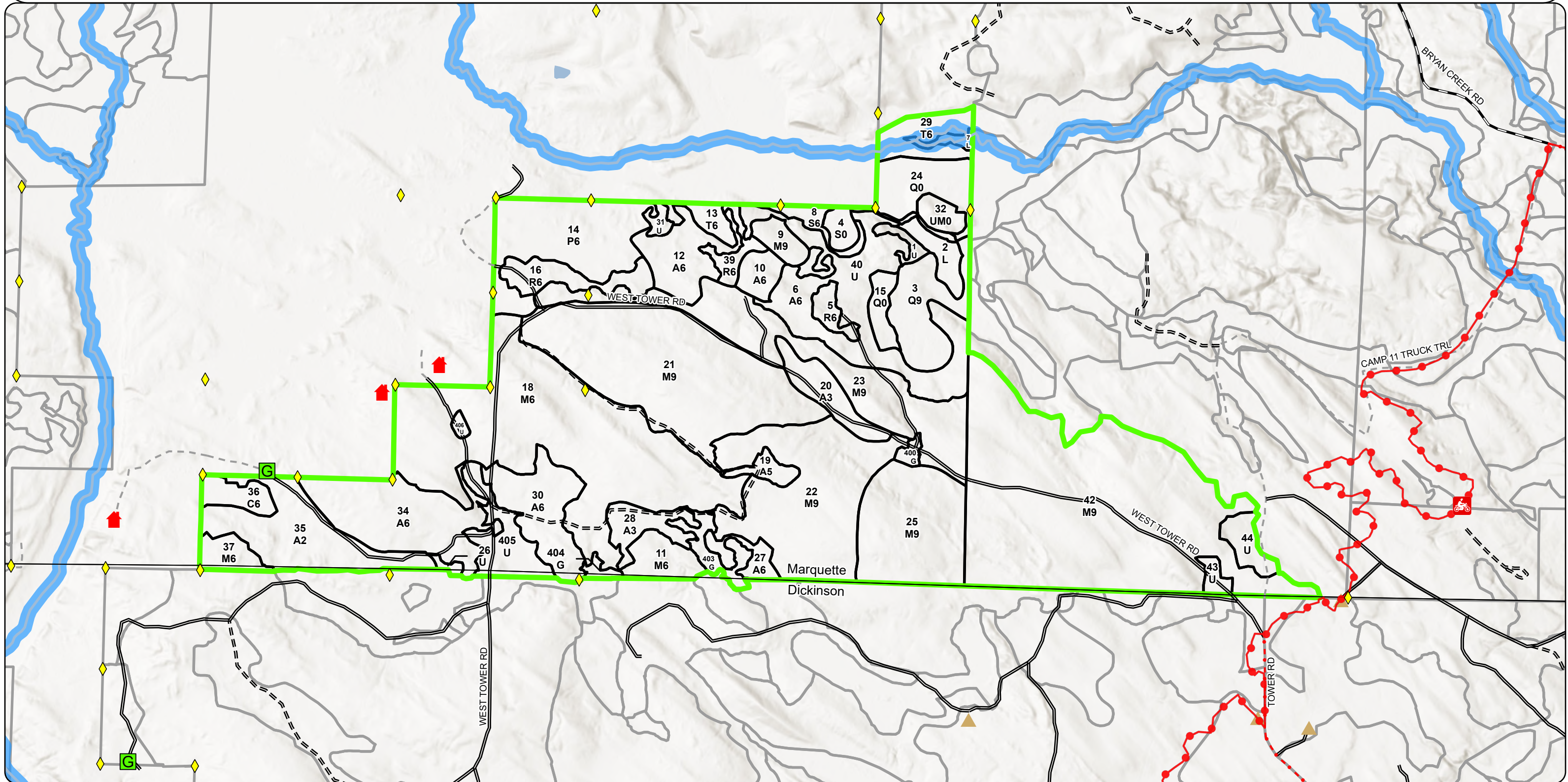


**Special Conservation Areas  
& Site Conditions Map**

Compartment: 32270  
 T45N-R28W, Sections 35 & 36.  
 County: Marquette  
 Unit: Gwinn  
 Mgmt. Area: Ralph Moraine  
 YOE: 2027  
 Acres: 1,212 GIS Calculated  
 Examiner: Rick Hill  
 Date Exported: 11/17/2025  
 Map Phase: Post Review



- Survey Grade Corners
- Gate
- Berm
- Gate
- Designated Motorcycle Trails
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- County - Gravel Road
- Private - Dirt / Gravel Road
- Streams
- Lakes and Rivers
- Compartment Boundary
- Stand Boundaries
- 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	57	0	31	134	5	0	23	0	0	0	0	0	0	0	0	0	8	256
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	9
Herbaceous Openland	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Low-Density Trees	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Lowland Aspen/Balsam Poplar	0	0	0	0	50	0	0	0	0	0	0	0	0	0	0	0	0	0	50
Lowland Conifers	29	0	0	0	0	0	0	0	0	0	29	0	0	0	0	0	0	0	58
Lowland Shrub	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Lowland Spruce/Fir	5	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	11
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	200	261	187	0	0	0	0	54	702
Red Pine	0	0	0	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27
Tamarack	0	0	0	0	0	0	0	7	0	0	15	0	0	0	0	0	0	0	22
Upland Mixed Forest	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Upland Shrub	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33
<b>Total</b>	<b>108</b>	<b>57</b>	<b>0</b>	<b>58</b>	<b>184</b>	<b>5</b>	<b>0</b>	<b>30</b>	<b>0</b>	<b>0</b>	<b>244</b>	<b>261</b>	<b>196</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>62</b>	<b>1209</b>



## Report 2 – Treatment Summary

Gwinn Mgt. Unit  
Year of Entry: 2027

Acres of Harvest

Compartment 270  
Total Compartment Acres: 1,212

Commercial Harvest - 1464  
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	10	5	0	0	0	0	0	0	0	15
Northern Hardwood	0	703	0	0	0	0	0	0	0	703
Red Pine	0	0	0	0	0	27	0	0	0	27
<b>Total</b>	<b>10</b>	<b>708</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>27</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>746</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	746	0	0	0	0	0	40	0	0	785
Next Step	0	0	0	40	0	0	758	0	0	798
<b>Total</b>	<b>746</b>	<b>0</b>	<b>0</b>	<b>40</b>	<b>0</b>	<b>0</b>	<b>798</b>	<b>0</b>	<b>0</b>	<b>1583</b>



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
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**Proposed Treatments:**

<b>3</b>	<b>32270003-Monitor</b>	6.9	6128 - Lowland Coniferous, Mixed Deciduous	9	95	Unspec ified	Monitoring	Monitoring - Regeneration	611 - Lowland Deciduous Forest	Planting Record	No
<p><u>Prescription</u> Check regeneration 5 years after harvest.  <u>Specs:</u>  <u>Next Step</u> Seeding, Aerial Seed; Monitoring, Direct Seeding  <u>Treatments:</u>  <u>Acceptable</u> Bam, spruce, fir, aspen, birch, pine and tamarack.  <u>Regen:</u>  <u>Other</u> Percent to Treat = 100%  <u>Comment:</u>  <u>Site Condition:</u>  <u>Proposed Start Date:</u> 10/01/2026</p>											
<b>4</b>	<b>32270004-Monitor</b>	5.2	6122 - Black Spruce	0	0	Unspec ified	Monitoring	Monitoring - Regeneration	612 - Lowland Coniferous Forest	Planting Record	No
<p><u>Prescription</u> Check Regeneration of stand 5 years after harvest.  <u>Specs:</u>  <u>Next Step</u> Seeding, Aerial Seed; Monitoring, Direct Seeding  <u>Treatments:</u>  <u>Acceptable</u> A mix of lowland conifer  <u>Regen:</u>  <u>Other</u>  <u>Comment:</u>  <u>Site Condition:</u>  <u>Proposed Start Date:</u> 10/01/2030</p>											
<b>5</b>	<b>32270005-Cut</b>	5.6	42110 - Planted Red Pine	6	27	171- 200	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	No
<p><u>Prescription</u> Third row thin or equivalent. Focus on operability.  <u>Specs:</u>  <u>Next Step</u>  <u>Treatments:</u>  <u>Acceptable</u>  <u>Regen:</u>  <u>Other</u>  <u>Comment:</u>  <u>Site Condition:</u>  <u>Proposed Start Date:</u> 10/01/2026</p>											





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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
<b>9 32270009-Cut</b>	7.2	4110 - Sugar Maple Association	9	110	111-140	Harvest	Selection	411 - Northern Hardwood	Planting Record	No
<p><u>Prescription</u> Cut using a selection system. Mark stand to 60 SQ FT using complete marker as a guide. Retain All hemlock, oak and yellow birch unless harvest is necessary for operations. Due to lack of regeneration present refrain from using regeneration gaps during h</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> Northern Hardwood</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>										
<b>10 32270010-Cut</b>	7.8	4130 - Aspen	6	60	Unspecified	Harvest	Clearcut	413 - Aspen	Planting Record	No
<p><u>Prescription</u> Cut all trees over 2 inches in diameter, Leave any red pine, white pine, hemlock, cedar and oak if present. Retention pocket should be paced in an area with larger forked aspen and higher stocked hardwood understory. Utilize a drumming log spec to create</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, mixed hardwood</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>										
<b>11 32270011-Cut</b>	12.6	4110 - Sugar Maple Association	6	100	81-110	Harvest	Selection	411 - Northern Hardwood	Current	No
<p><u>Prescription</u> Cut using a selection system. Mark stand to 60 SQ FT using complete marker as a guide. Retain All hemlock, oak and yellow birch unless harvest is necessary for operations. Due to lack of regeneration present refrain from using regeneration gaps during har</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> Northern Hardwood</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>										
<b>16 32270016-Cut</b>	15.2	42110 - Planted Red Pine	6	27	171-200	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	No
<p><u>Prescription</u> Third row thin or equivalent. Focus on operability.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></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> 10/01/2026</p>										





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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
<b>21 32270017-Cut</b>	112.1	4110 - Sugar Maple Association	9	110	111-140	Harvest	Selection	411 - Northern Hardwood	Current	No
<p><u>Prescription</u> Cut using a selection system. Mark stand to 80 SQ FT using complete marker as a guide. Retain All hemlock, oak and yellow birch unless harvest is necessary for operations. Due to lack of regeneration present refrain from using regeneration gaps during har</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> Northern Hardwood</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>										
<b>18 32270018-Cut</b>	156.8	4110 - Sugar Maple Association	6	100	81-110	Harvest	Selection	411 - Northern Hardwood	Current	No
<p><u>Prescription</u> Cut using a selection system. Mark stand to 60 SQ FT using complete marker as a guide. Retain All hemlock, oak and yellow birch unless harvest is necessary for operations. Due to lack of regeneration present refrain from using regeneration gaps during har</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 Northern Hardwood</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>										
<b>22 32270022-Cut</b>	83.5	4110 - Sugar Maple Association	9	100	141-170	Harvest	Selection	411 - Northern Hardwood	Planting Record	No
<p><u>Prescription</u> Cut using a selection system. Mark stand to 80 SQ FT using complete marker as a guide. Retain All hemlock, oak and yellow birch unless harvest is necessary for operations. Due to lack of regeneration present refrain from using regeneration gaps during har</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 northern hardwood</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>										
<b>23 32270023-Cut</b>	68.0	4110 - Sugar Maple Association	9	115	111-140	Harvest	Selection	411 - Northern Hardwood	Planting Record	No
<p><u>Prescription</u> Cut using a selection system. Mark stand to 80 SQ FT using complete marker as a guide. Retain All hemlock, oak and yellow birch unless harvest is necessary for operations. Due to lack of regeneration present refrain from using regeneration gaps during har</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> Northern Hardwood</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>										





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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
<b>24 32270024-Monitor</b>	21.7	612 - Lowland Coniferous Forest	0	0		Monitoring	Monitoring - Regeneration	612 - Lowland Coniferous Forest	Planting Record	No
<p><u>Prescription</u> Check regeneration 5 years after harvest.  <u>Specs:</u>  <u>Next Step</u> Seeding, Aerial Seed; Monitoring, Direct Seeding  <u>Treatments:</u>  <u>Acceptable</u> Mixed lowland conifer  <u>Regen:</u>  <u>Other Comment:</u>  <u>Site Condition:</u>  <u>Proposed Start Date:</u> 10/01/2030</p>										
<b>25 32270025-Cut</b>	54.0	4110 - Sugar Maple Association	9	100	81-110	Harvest	Selection	411 - Northern Hardwood	Current	No
<p><u>Prescription</u> Cut using a selection system. Mark stand to 60 SQ FT using complete marker as a guide. Retain All hemlock, oak and yellow birch unless harvest is necessary for operations. Due to lack of regeneration present refrain from using regeneration gaps during har  <u>Specs:</u>  <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)  <u>Treatments:</u>  <u>Acceptable</u> Mixed Northern Hardwoods  <u>Regen:</u>  <u>Other Comment:</u>  <u>Site Condition:</u>  <u>Proposed Start Date:</u> 10/01/2026</p>										
<b>27 32270027-Cut</b>	5.0	4130 - Aspen	6	48		Harvest	Selection	411 - Northern Hardwood	Planting Record	No
<p><u>Prescription</u> Mark 16-foot-wide east-west skid trails every 50 feet lightly mark stand to 70 sq feet with priority being protecting and enhancing sugar maple below current aspen stand.  <u>Specs:</u>  <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)  <u>Treatments:</u>  <u>Acceptable</u> Mixed northern hardwood and aspen.  <u>Regen:</u>  <u>Other Comment:</u>  <u>Site Condition:</u>  <u>Proposed Start Date:</u> 10/01/2026</p>										
<b>27 32270027-Cutx</b>	2.5	4130 - Aspen	6	48		Harvest	Clearcut	413 - Aspen	Planting Record	No
<p><u>Prescription</u> Cut all trees over 2 inches in diameter, Leave any red pine, white pine, hemlock, cedar and oak if present. Retention pocket should be paced in an area with larger forked aspen and higher stocked hardwood understory. Utilize a drumming log spec to creat  <u>Specs:</u>  <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)  <u>Treatments:</u>  <u>Acceptable</u> Aspen  <u>Regen:</u>  <u>Other Comment:</u>  <u>Site Condition:</u>  <u>Proposed Start Date:</u> 10/01/2026</p>										





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Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
32	32270032-Monitor	6.0	4319 - Mixed Upland Forest	0	88	1-50	Monitoring	Monitoring - Regeneration	4199 - Other Mixed Upland Deciduous	Planting Record	No
<p><u>Prescription</u> Count regeneration on site 5 years post harvest.  <u>Specs:</u>  <u>Next Step</u> Seeding, Aerial Seed; Monitoring, Direct Seeding  <u>Treatments:</u>  <u>Acceptable</u> Mixed aspen, spruce, fir, pine  <u>Regen:</u>  <u>Other</u>  <u>Comment:</u>  <u>Site Condition:</u>  <u>Proposed Start Date:</u> 10/01/2030</p>											
37	32270037-Cut	8.5	4110 - Sugar Maple Association	6	105	81-110	Harvest	Selection	411 - Northern Hardwood	Current	No
<p><u>Prescription</u> Cut using a selection system. Mark stand to 60 SQ FT using complete marker as a guide. Retain All hemlock, oak and yellow birch unless harvest is necessary for operations. Due to lack of regeneration present refrain from using regeneration gaps during har  <u>Specs:</u>  <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)  <u>Treatments:</u>  <u>Acceptable</u> Mixed northern hardwood  <u>Regen:</u>  <u>Other</u>  <u>Comment:</u>  <u>Site Condition:</u>  <u>Proposed Start Date:</u> 10/01/2026</p>											
39	32270039-Cut	6.6	42110 - Planted Red Pine	6	27	171-200	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	No
<p><u>Prescription</u> Third row thin or equivalent. Focus on operability.  <u>Specs:</u>  <u>Next Step</u>  <u>Treatments:</u>  <u>Acceptable</u>  <u>Regen:</u>  <u>Other</u>  <u>Comment:</u>  <u>Site Condition:</u>  <u>Proposed Start Date:</u> 10/01/2026</p>											
42	32270042-Cut	200.2	4110 - Sugar Maple Association	9	98	111-140	Harvest	Selection	411 - Northern Hardwood	Current	No
<p><u>Prescription</u> Cut using a selection system. Mark stand to 80 SQ FT using complete marker as a guide. Retain All ash, hemlock, oak and yellow birch unless harvest is necessary for operations. Due to lack of regeneration present refrain from using regeneration gaps durin  <u>Specs:</u>  <u>Next Step</u> Monitoring, Natural Regen (Intermediate)  <u>Treatments:</u>  <u>Acceptable</u> mixed northern hardwood  <u>Regen:</u>  <u>Other</u> Add 32265048 to the sale with this treatment due to access.  <u>Comment:</u>  <u>Site Condition:</u>  <u>Proposed Start Date:</u> 10/01/2026</p>											



S  
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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

Total Treatment  
Acreage Proposed: 785.4



# Report 4 – Site Conditions

**Gwinn Mgt. Unit**  
**Rick Hill : Examiner**

**Compartment: 270**  
**Year of Entry: 2027**



### Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	3J		5D	
		With Condition	Not Available					
257	257	0	0	Aspen				
9	9	0	0	Cedar				
14	14	0	0	Herbaceous Openland				
10	10	0	0	Low-Density Trees				
50	50	0	0	Lowland Aspen/Balsam Poplar				
51	22	0	29	Lowland Conifers	29			
11	11	0	0	Lowland Shrub				
11	5	0	6	Lowland Spruce/Fir			6	
703	703	0	0	Northern Hardwood				
27	27	0	0	Red Pine				
22	7	0	15	Tamarack	15			
6	6	0	0	Upland Mixed Forest				
33	33	0	0	Upland Shrub				
1,205	1,154		51	Total Forested Acres	45		6	
	96%		4%	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	3J: Water quality/BMPs (stream, river, or lake)	3	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
2	Unavailable	5D: Unproductive forest land	6	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Gwinn Mgt. Unit  
Rick Hill : Examiner

Compartment: 270  
Year of Entry: 2027



3	<b>Unavailable</b>	<b>3J: Water quality/BMPs (stream, river, or lake)</b>	27	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Numerous seeps and drainages throughout the stand. Do not manage.							
4	<b>Unavailable</b>	<b>3J: Water quality/BMPs (stream, river, or lake)</b>	6	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
6	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	2	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
7	<b>Unavailable</b>	<b>3J: Water quality/BMPs (stream, river, or lake)</b>	9	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							



Mgt. Unit

Compartment: #Type!

Year of Entry:

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

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

<b>SCA Name</b>	<b>SCA Category</b>	<b>Detail Type</b>	<b>Recommendation</b>	<b>Acres</b>
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**Comments**

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																										
1	330 - Low-Density Trees	None	3.2			No																																											
2	6222 - Shrub-Carr	None	8.3			No	Beaver flooding and meadow.																																										
3	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Well	29.0	95	Unspecified	N/A	Stand has numerous seeps and flowages throughout. Do not manage due to ground issues.																																										
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4	6122 - Black Spruce	Unspecified	5.2	0	Unspecified		Stand was Harvested by St John FP in winter of 2024-25 under CF Lowlands 32-036-18.																																										
5	42110 - Planted Red Pine	Poletimber Well	5.6	27	171-200	N/A	Stand of red pine. Some openings exist that consist of raspberry. Stand was cut in 1993. TS# 26-87. Hand planted in spring of 1998. Note: per FTP #C31-362 site was sprayed with herbicide on 6/7/2001 to chemically release the planted red pine.																																										
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7	6222 - Shrub-Carr	None	2.7			No	Bottom lands and flood plains of the Camp Eleven Creek.																																										
8	6122 - Black Spruce	Poletimber Well	6.1	132	Unspecified	N/A	Stand of stagnant black spruce with a few large cedar mixed in. Very slow growth due to high water table. Do not manage.																																										
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9	4110 - Sugar Maple Association	Sawtimber Well	7.2	110	111-140	N/A	Small stand of pole-sized hardwood. Basal area is still low. Do not manage in this YO. Sugar maple is decent quality, but many double stems. Paper birch is present but dying out.																																										
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																								
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14	6111 - Lowland Balsam Poplar	Poletimber Well	50.4	32	Immature	N/A	Stand was cut in 1993. TS #26-87. CEDAR LEFT. A highly variable stand on marginal ground. Drier areas and some large knobs are upland with a quaking aspen/balsam fir mix. Wetter areas are predominately bam with scattered balsam fir and tamarack.																																																																								
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15	6128 - Lowland Coniferous, Mixed Deciduous	Unspecified	7.4	95	Unspecified		Stand was Harvested by St John FP in winter of 2024-25 under CF Lowlands 32-036-18.																																																																								
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<b>16</b>	42110 - Planted Red Pine	Poletimber Well	15.2	27	171-200	N/A	Stand was hand planted in spring of 1998. Young red pine plantation which becomes more mixed as you go east. Balsam fir mixed throughout. Red pine is highly variable in height and diameter. There are some scattered pockets of quaking aspen within the stand.																																							
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<b>18</b>	4110 - Sugar Maple Association	Poletimber Well	156.8	100	81-110	N/A	Stand harvested with CF Squared Hardwood timber sale 32-037-18. Cut between 2019 and 2023.																																							
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<b>19</b>	4130 - Aspen	Poletimber Medium	5.4	40		N/A	Center of stand is an old landing/opening filling in.																																							
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<b>20</b>	4130 - Aspen	Sapling Well	15.0	62	Unspecified	N/A	Stand harvested with CF Squared Hardwood timber sale 32-037-18. Cut between in 2019. Regeneration has been a little light but is filling in well over time.																																							
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<b>21</b>	4110 - Sugar Maple Association	Sawtimber Well	112.1	110	111-140	N/A	Nice quality maple beach stand. not much regeneration present. harvest now step BA to down to 60 SQ ft over the next couple of entry periods to try to produce better conditions for maple regeneration.																																							
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<b>22</b>	4110 - Sugar Maple Association	Sawtimber Well	83.5	100	141-170	N/A	Stand was selectively cut in 2000: TS#114-97-01. Decent pole stand, heavier to sugar maple. The understory is thick and brushy with ironwood and mixed leatherwood. Scattered white spruce saplings are more dense in isolated pockets. Yellow birch are very rare but present within the stand.																																							
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<b>23</b>	4110 - Sugar Maple Association	Sawtimber Well	68.0	115	111-140	N/A	Stand consists of a mix of basswood and sugar maple of decent quality. Regeneration underneath is poor, mostly ironwood and raspberry. Only few sugar maple seedlings and saplings. Stand was selectively thinned in 2009.																																																								
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<b>24</b>	612 - Lowland Coniferous Forest	Unspecified	21.7	0			Stand was Harvested by St John FP in winter of 2024-25 under CF Lowlands 32-036-18.																																																								
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<b>26</b>	320 - Upland Shrub	None	1.5			No	Grass stand with trees starting to work in the edges.																																																								
<b>27</b>	4130 - Aspen	Poletimber Well	7.5	48		N/A																																																									
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<b>28</b>	4130 - Aspen	Sapling Well	12.5	6	Immature	N/A	Stand harvested with CF Squared Hardwood timber sale 32-037-18. Cut between 2019. Stand is filling in well.																																																								
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<b>29</b>	6121 - Tamarack	Poletimber Well	15.3	94	Unspecified	N/A	Stand of pole sized tamarack. Tamarack is good quality.																																																								
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
30	4130 - Aspen	Poletimber Well	30.5	23		N/A	Harvested in 2003; TS# 124-02-01. Young stand of aspen regeneration, very thick. Scattered larger spruce/fir likely left as retention from previous harvest. Leatherwood and cherry also present in the understory, but in lower density	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		
Sugar Maple		5	Pole	5		Black Cherry		
Red Maple		3	Pole/Sapling	5		Leatherwood		
Basswood		2	Pole	5		Ironwood		
Paper Birch		2	Pole	5		<b>Density</b>		
Quaking Aspen		80	Pole	5	23	<b>Avg. Height</b>		
Balsam Fir		3	Pole/Sapling	6		<b>Size</b>		
White Spruce		3	Pole	8		5 - 10 feet		
Black Cherry		2	Sapling	4		5 - 10 feet		
31	330 - Low-Density Trees	None	2.7			No		
32	4319 - Mixed Upland Forest	Unspecified	6.0	88	1-50		Stand was Harvested by St John FP in winter of 2024-25 under CF Lowlands 32-036-18.	
<b>Sub-Canopy Species</b>		<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>				
White Pine		Low	>20 feet	>20 feet				
34	4130 - Aspen	Poletimber Well	49.1	32	1-50	N/A	Nice stand of diverse regen. Stand looks healthy. Stand was cut in 1993. TS# 26-87	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		
Sugar Maple		20	Pole	6		Sugar Maple		
Quaking Aspen		75	Pole	7	32	Balsam Fir		
Balsam Poplar		2	Pole	6		White Spruce		
Ironwood		3	Pole/Sapling	5		Ironwood		
						Hazelnut (Spp.)		
						Low		
						5 - 10 feet		
						5 - 10 feet		
35	4130 - Aspen	Sapling Medium	44.2	6	Immature	N/A	Stand is regenerating to aspen. Full tree harvested by Minerick FP in the fall of 2019. There are sparse areas and pockets of no stocking over time these will fill in. Stand harvested with CF Squared Hardwood timber sale 32-037-18. Cut between 2019 and 2023.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>			
Red Oak		2	Log/Pole	16				
Quaking Aspen		79	Sapling	1	6			
Bigtooth Aspen		5	Sapling	1				
Balsam Poplar		10	Sapling	1				
White Pine		2	XLog/Log	18				
Red Pine		2	XLog/Log	18				
36	6120 - Lowland Cedar	Poletimber Well	8.9	113	201+	N/A	Nice stand of quality pole sized cedar with scattered white spruce and a few deceased trees. No young regeneration present. Scattered balsam fir in the understory.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		
White Spruce		5	Log/Pole	10		Balsam Fir		
Northern White Cedar		95	Pole	9	113	Northern White Cedar		
						Low		
						5 - 10 feet		
						Medium		
						>20 feet		
						>20 feet		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																									
<b>37</b>	4110 - Sugar Maple Association	Poletimber Well	8.5	105	81-110	N/A	Stand harvested with CF Squared Hardwood timber sale 32-037-18. Cut between 2019 and 2023.																																									
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<b>39</b>	42110 - Planted Red Pine	Poletimber Well	6.6	27	171-200	N/A	Stand was cut in 1993. TS #26-87. Hand planted to red pine in spring of 1998. Some void areas within the stand that are filled with raspberry.																																									
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<b>40</b>	330 - Low-Density Trees	None	2.7			No	Former grass opening that is filling in with aspen.																																									
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<b>42</b>	4110 - Sugar Maple Association	Sawtimber Well	200.2	98	111-140	N/A	This stand is the combination of two separate stands due to mapping rules. The portion of the stand south of the Tower Rd. was harvested in 2004, TS#32-125-03-01. The portion north of the road was harvested between July and December of 1996 by Jeff Jacobson #17-93.																																									
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<b>43</b>	320 - Upland Shrub	None	3.7			No																																										
<b>44</b>	320 - Upland Shrub	None	8.7			No																																										
<b>400</b>	310 - Herbaceous Openland	None	2.3			No																																										
<b>403</b>	310 - Herbaceous Openland	None	9.3			No																																										
<b>404</b>	310 - Herbaceous Openland	None	2.3			No																																										
<b>405</b>	320 - Upland Shrub	None	19.0			No	Grass stand with trees starting to work in the edges. Pond in the center of the stand in wet years.																																									
<b>406</b>	330 - Low-Density Trees	None	1.4			No																																										