



# Compartment Review Presentation

Gwinn Forest Management Unit

Compartment 32061

Entry Year: 2026

Acreage: 2,389

County: Marquette

Management Area: Ralph Moraine

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**Stand Examiner:** Kyle Gould

**Legal Description:**

T43N R26W, Sections 4-9

**Identified Planning Goals:**

To improve the quality and diversity of State forests and wildlife through proper habitat management, while protecting the riparian values of our wetlands and waters.

**Soil and topography:**

Terrain ranges from level swamps and wetland drainages to rolling and slightly hilly uplands. Major soil types are Onaway fine sandy loam, Carbondale and Tawas soils, Emmet-Escanaba Complex, Onaway-Nadeau fine sandy loam.

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

This compartment contains private ownership in larger blocks with a fair amount of state land blocked by gated private access. This area receives lots of hunting activity.

**Unique Natural Features:**

No Unique Natural Features known.

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

No Archeological, Historical, or Cultural Features known.

**Special Management Designations or Considerations:**

Large deer wintering complex.

**Watershed and Fisheries Considerations:**

This compartment contains headwater reaches of Gleason Creek which serves as a tributary to the West Branch Escanaba River. Gleason Creek is a designated Type 1 trout stream less than 50-ft wide and has a predicted mean July temperature of 63.7 °F (cold stream). A 300-foot buffer is recommended for Gleason 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, buffer 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**

Sections 4 - 9, T43N-R26W, Marquette County

Surface sediments consist of medium-textured till (drumlin area). There is insufficient data to determine the glacial drift thickness. The Cambrian Trempealeau Formation subcrops below the glacial drift, and could be used for stone. Several

gravel pits are located in this area and there is potential especially the upland areas. Abandoned iron mines are located ten miles to the northeast. Sections 7 through 10 are leased for metallic exploration. There is no economic oil and gas production in the UP.

**Vehicle Access:**

Ross Grade is the primary road for access and is DNR maintained. Numerous 2-tracks are located in the compartment. Access to section 6 is blocked by a private gate with no state easement. Section 7 is accessed via Shultz Rd in Dickinson County.

**Survey Needs:**

None needed at this time.

**Recreational Facilities and Opportunities:**

This is a good hunting area but the general public is not well liked by the local camp owners.

**Fire Protection:**

This compartment has a low risk for fire and access is good.

**Additional Compartment Information:**

**The following reports from the Inventory are attached:**

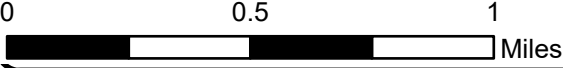
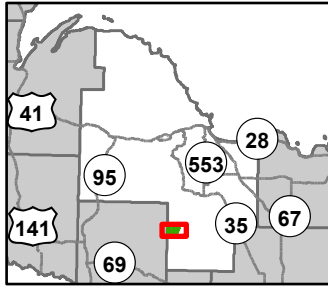
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

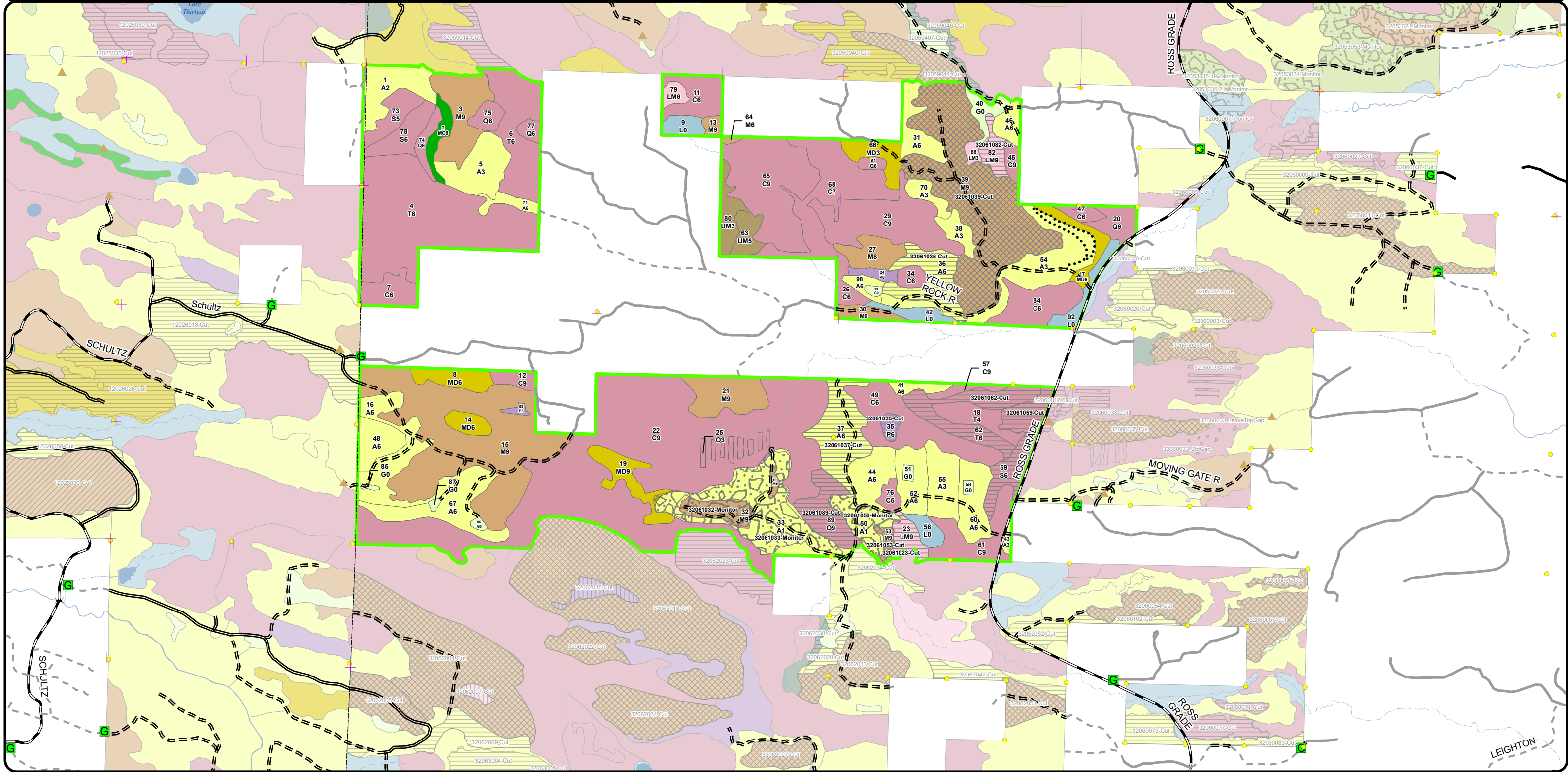
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Overview Map

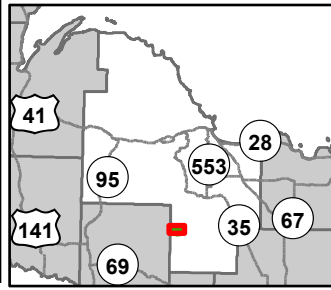
Compartment: 32061  
 T43N, R26W, Sec: 3-9, 16-18  
 County: Marquette  
 Unit: Gwinn  
 Mgmt Area: Ralph Moraine  
 YOE: 2026  
 Acres: 2388.6 GIS Calculated  
 Examiner: Kyle Gould  
 Map Revised: 10/02/2024  
 Map Phase: Post Review



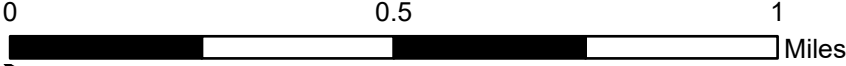
- Berms
- Gate
- Bridges
- Culvert
- Survey Grade Corners
- Remonumented Section Corners
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- Private - Paved Road
- Private - Dirt / Gravel Road
- DNR - Management Access
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Regeneration Survey
- 411 - Northern Hardwood
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 622 - Lowland Shrub



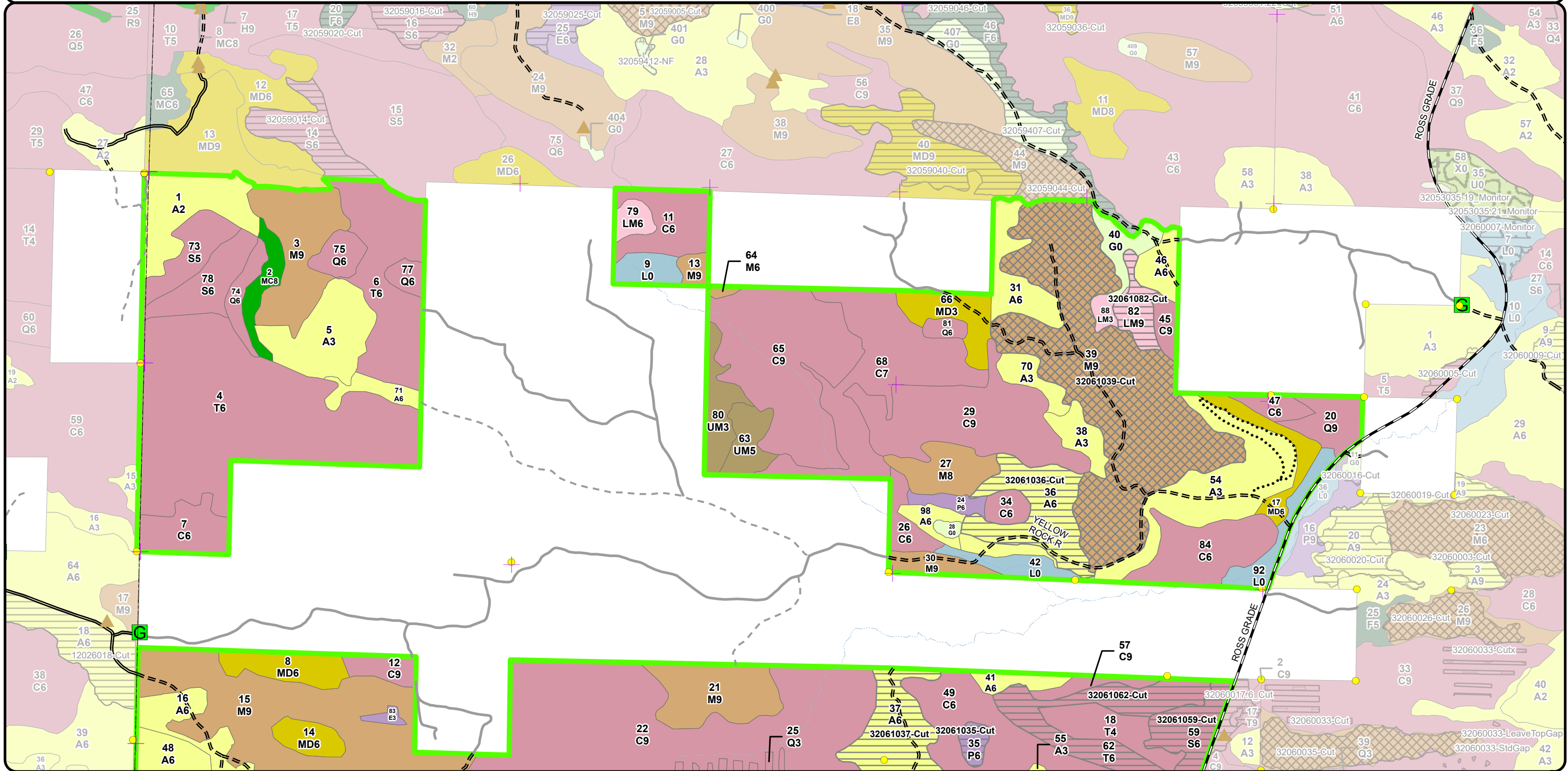
Cover Type & Treatments Map



Compartment: 32061  
 T43N, R26W, Sec: 3-9, 16-18  
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- |                              |                              |                                |                                 |
|------------------------------|------------------------------|--------------------------------|---------------------------------|
| Berms                        | DNR - Forest Access Route    | Selection (Group, Single Tree) | 611 - Lowland Deciduous Forest  |
| Gate                         | County - Gravel Road         | Clearcut (w/Reserves)          | 612 - Lowland Coniferous Forest |
| Survey Grade Corners         | Private - Paved Road         | 411 - Northern Hardwood        | 613 - Lowland Mixed Forest      |
| Remonumented Section Corners | Private - Dirt / Gravel Road | 413 - Aspen Types              | 310 - Herbaceous Openland       |
| DNR - Primary Forest Road    | DNR - Management Access      | 419 - Mixed Upland Deciduous   | 622 - Lowland Shrub             |
| DNR - Secondary Forest Road  | Intermittent Stream          | 422 - Natural Pines            |                                 |
|                              | Compartment Boundary         | 430 - Upland Mixed Forest      |                                 |







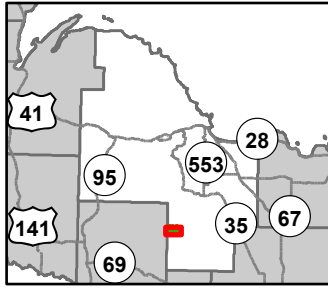






**Special Conservation Areas & Site Conditions Map**

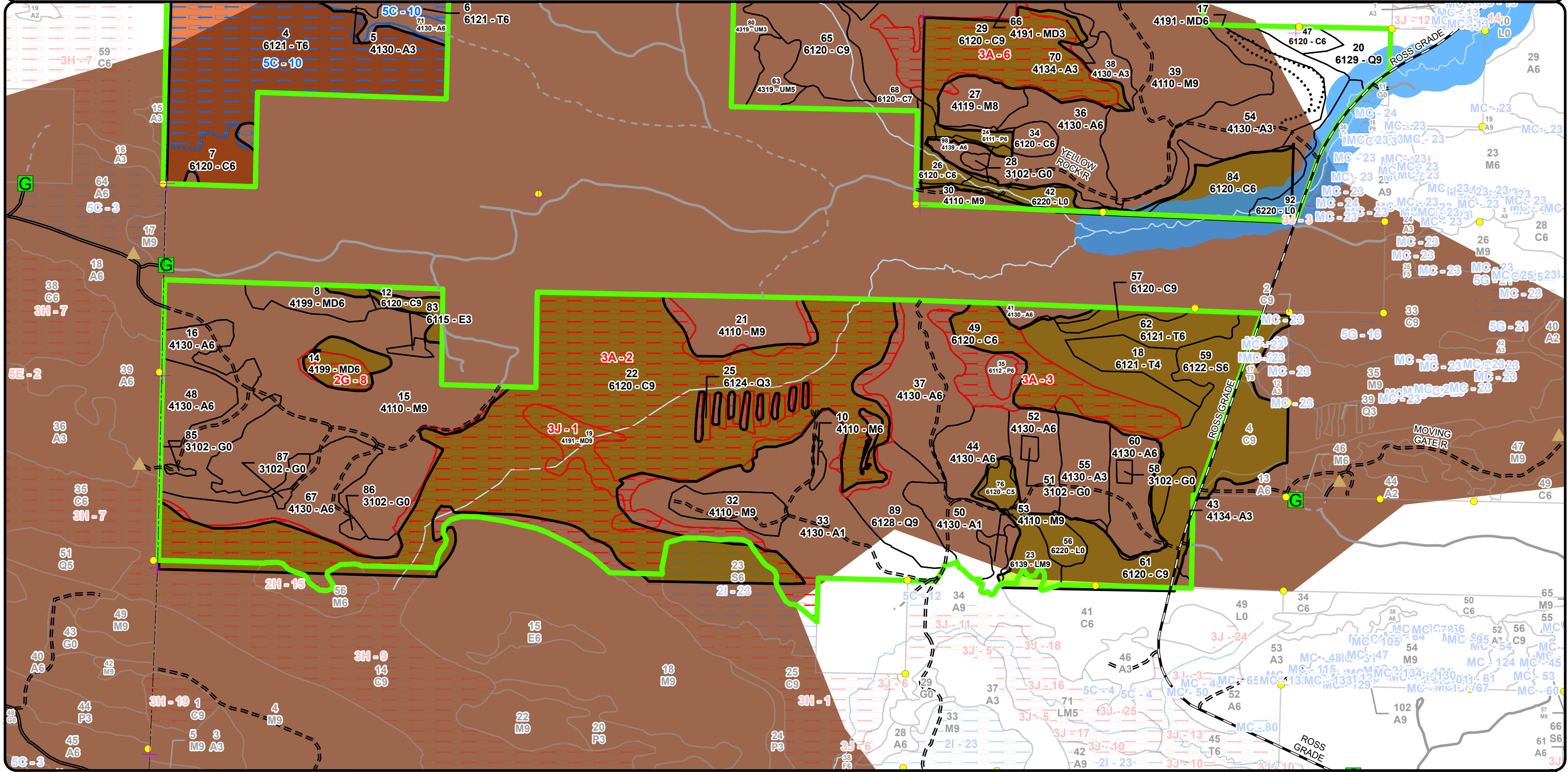
Compartment: 32061  
 T43N, R26W, Sec: 3-9, 16-18  
 County: Marquette  
 Unit: Gwinn  
 Mgmt Area: Ralph Moraine  
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 Map Revised: 10/02/2024  
 Map Phase: Post Review



- Berms
- Gate
- Survey Grade Corners
- Remonumented Section Corners
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Private - Paved Road

- Private - Dirt / Gravel Road
- DNR - Management Access
- Intermittent Stream
- Compartment Boundary
- SCA
- Available w/ Constraints
- Unavailable

- 3A: Conservation Values incompatible with harvest at this time
- 3J: Water quality / BMPs (stream, river, or lake)
- Stand Boundaries
- Cold Water Streams
- High Priority Trout Stream Buffer
- Deer Winter Range
- Other Habitat Area
- Possible Type 2 Old Growth



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	219	25	54	161	95	0	0	0	0	0	0	0	0	0	0	0	0	553
Cedar	0	0	0	0	0	0	0	0	8	0	32	142	0	6	98	0	486	0	772
Herbaceous Openland	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
Lowland Aspen/Balsam Poplar	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	10
Lowland Conifers	0	0	0	0	4	8	0	0	14	27	13	0	8	0	0	0	0	0	74
Lowland Deciduous	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Lowland Mixed Forest	0	4	0	0	0	0	6	10	0	12	0	0	0	0	0	0	0	0	32
Lowland Shrub	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	35	0	0	0	0	35	0	0	0	70
Mixed Upland Deciduous	0	0	16	16	13	0	0	0	0	0	0	22	0	9	0	0	0	0	75
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	10
Northern Hardwood	0	0	0	0	0	0	0	0	0	1	0	39	408	0	0	0	0	0	448
Tamarack	0	0	0	0	0	0	18	0	37	203	0	0	0	0	0	0	0	0	258
Upland Mixed Forest	0	15	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	27
<b>Total</b>	<b>58</b>	<b>238</b>	<b>41</b>	<b>70</b>	<b>180</b>	<b>103</b>	<b>24</b>	<b>20</b>	<b>59</b>	<b>290</b>	<b>45</b>	<b>213</b>	<b>416</b>	<b>15</b>	<b>133</b>	<b>0</b>	<b>486</b>	<b>0</b>	<b>2389</b>



## Report 2 – Treatment Summary

Gwinn Mgt. Unit

Year of Entry: 2026

Acres of Harvest

Compartment 61

Total Compartment Acres: 2,389

Commercial Harvest - 363  
 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	77	0	0	0	0	0	0	0	0	77
Lowland Aspen/Balsam Poplar	5	0	0	0	0	0	0	0	0	5
Lowland Conifers	27	0	0	0	0	0	0	0	0	27
Lowland Mixed Forest	22	0	0	0	0	0	0	0	0	22
Lowland Spruce/Fir	35	0	0	0	0	0	0	0	0	35
Northern Hardwood	0	160	0	0	0	0	0	0	0	160
Tamarack	37	0	0	0	0	0	0	0	0	37
<b>Total</b>	<b>203</b>	<b>160</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>363</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	363	0	0	0	0	0	106	0	0	469
Next Step	0	0	0	0	0	0	363	0	0	363
<b>Total</b>	<b>363</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>469</b>	<b>0</b>	<b>0</b>	<b>833</b>



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

**Proposed Treatments:**

<b>23</b>	<b>32061023-Cut</b>	12.0	6139 - Mixed Lowland Forest	Sawtimber Well	87	81-110	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Clear-cut, reserve cedar, hemlock, white pine. Winter harvest due to wet soils</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> Any species currently found on site</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>											
<b>35</b>	<b>32061035-Cut</b>	4.6	6112 - Lowland Aspen	Poletimber Well	60	81-110	Harvest	Clearcut	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Clear-cut. Leave cedar. Access from the west through stand 37. Winter cut with wet soils getting to the stand. No retention due to small stand size. Leave 1 log (9-15" DBH) on the ground adjacent to the stump.</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> Any species currently found on site.</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>											
<b>36</b>	<b>32061036-Cut</b>	34.0	4130 - Aspen	Poletimber Well	45		Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Clearcut, retain hemlock, cedar, and white pine. Buffer Gleason Creek 300ft. Leave 5-7 logs (9-15" DBH) laying flat on the ground 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> Aspen and other species currently found on site.</p> <p><u>Regen:</u></p> <p><u>Other</u> Treatment shape is adjusted already. Add site condition to the buffer area.</p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											
<b>37</b>	<b>32061037-Cut</b>	43.3	4130 - Aspen	Poletimber Well	47		Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Clearcut. Leave cedar, hemlock, and white pine. Leave 6-8 logs (9-15" DBH) laying flat on the ground 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> Aspen and other species found on site.</p> <p><u>Regen:</u></p> <p><u>Other</u> Leave retention where is makes sense. Winter harvest (deer yard).</p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</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
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<b>39</b>	<b>32061039-Cut</b>	155.8	4110 - Sugar Maple Association	Sawtimber Well	110	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
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Prescription Harvest stand to 60BA following the Northern Hardwood guidance. Release advanced hardwood regeneration where present. Maintain diversity in the stand while marking. Deer wintering area. Winter cut only.

Next Step Monitoring, Natural Regen (Re-Inventory)

Acceptable Regen: Northern Hardwood

Other Comment:

Site Condition:

Proposed Start Date: 10/1 /2025

<b>53</b>	<b>32061053-Cut</b>	4.6	4110 - Sugar Maple Association	Sawtimber Well	110	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
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Prescription Mark stand to 70 - 90 BA. Focus on improving quality, and creating/maintaining canopy gaps for regeneration. Remove all merchantable spruce/fir. Leave some large future snag trees for wildlife. Leave cedar, hemlock, and pine. Favor species diversity while marking. Retain large basswood with cavities. Also keep a few ash.

Next Step Monitoring, Natural Regen (Re-Inventory)

Acceptable Regen: northern hardwood

Other Comment: East edge may need to be excluded due to steep slope.

Site Condition:

Proposed Start Date: 10/1 /2025

<b>59</b>	<b>32061059-Cut</b>	35.2	6122 - Black Spruce Poletimber	Well	137	81-110	Harvest	Clearcut with Retention	612 - Lowland Coniferous Forest	Even-Aged	No
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Prescription Harvest to a 2" spec to promote lowland conifer species. Leave cedar and hemlock. Area retention should include some larger spruce and tamarack.

Next Step Monitoring, Natural Regen (Re-Inventory)

Acceptable Regen: lowland conifer

Other Comment: Look for long term stand retention around the denser cedar vein and/or in the north tip of the stand.

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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62	32061062-Cut	37.0	6121 - Tamarack	Poletimber Well	75	51-80	Harvest	Clearcut with Retention	612 - Lowland Coniferous Forest	Even-Aged	No
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Prescription Clearcut with retention. Leave cedar, hemlock, and white pine. Retention area should include some large tamarack and spruce.  
Specs:

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

Acceptable Any species currently on site.  
Regen:

Other  
Comment:

Site Condition:  
Proposed Start Date: 10/1 /2025

82	32061082-Cut	10.2	6132 - Mixed Lowland Forest with Cedar	Sawtimber Well	65	81-110	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	No
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Prescription Clear-cut. Leave cedar, hemlock, and white pine. Also leave a few large white spruce for seed. Winter harvest due to wet soils.  
Specs:

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

Acceptable Any species currently found on site  
Regen:

Other  
Comment:

Site Condition:  
Proposed Start Date: 10/1 /2025

89	32061089-Cut	26.7	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Well	80	81-110	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	No
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Prescription Clearcut with retention. Leave cedar, hemlock, and white pine. Retention area should include some large spruce and tamarack.  
Specs:

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

Acceptable Any species currently found on site.  
Regen:

Other Was part of stand 22. Stand was split based on imagery after field visit. Treatment area may significantly. Winter harvest. Deer yard and wet soils.  
Comment:

Site Condition:  
Proposed Start Date: 10/1 /2025

**Approved Treatments:**

32	32061032-Monitor	16.2	4110 - Sugar Maple Association	Sawtimber Well	110	81-110	Monitoring	Natural Regen (Re-Inventory)	411 - Northern Hardwood	Two-Aged	No
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Prescription Monitor for hardwood regeneration.  
Specs:

Next Step  
Treatments:

Acceptable Maple, cherry, basswood.  
Regen:

Other Percent to Treat = 100%  
Comment:



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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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Site Condition:

Proposed Start Date: 10/1 /2033

<b>33</b>	<b>32061033-Monitor</b>	69.2	4130 - Aspen	Sapling Poor	1	Immature	Monitoring	Natural Regen (Re-Inventory)	413 - Aspen	Even-Aged	No
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Prescription Monitor for regen.

Specs:

Next Step

Treatments:

Acceptable Aspen, cherry, spruce, maple.

Regen:

Other Percent to Treat = 100%

Comment:

Site Condition:

Proposed Start Date: 10/1 /2033

<b>50</b>	<b>32061050-Monitor</b>	20.6	4130 - Aspen	Sapling Poor	1	Immature	Monitoring	Natural Regen (Re-Inventory)	413 - Aspen	Even-Aged	No
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Prescription Monitor for aspen regen.

Specs:

Next Step

Treatments:

Acceptable Aspen, cherry, maple, spruce.

Regen:

Other Percent to Treat = 100%

Comment:

Site Condition:

Proposed Start Date: 10/1 /2033

**Total Treatment Acreage Proposed: 469.4**

# Report 4 – Site Conditions

Gwinn Mgt. Unit  
Kyle Gould: Examiner

Compartment: 61  
Year of Entry: 2026



### Availability for Management

Total Acres	Acres Available	Acres Avail With Condition	Acres Not Available
554	547	5	2

### Dominant Site Conditions

	Availability for Management			Dominant Site Condition	Dominant Site Conditions				
	Total Acres	Acres Available	Acres Avail With Condition		5C	2G	3A	3J	5E
554	547	5	2	Aspen	5				2
772	286	0	486	Cedar			486		
19	19	0	0	Herbaceous Openland					
10	10	0	0	Lowland Aspen/Balsam Poplar					
74	53	21	0	Lowland Conifers	21				
2	2	0	0	Lowland Deciduous					
32	32	0	0	Lowland Mixed Forest					
39	39	0	0	Lowland Shrub					
70	35	35	0	Lowland Spruce/Fir	35				
76	45	0	31	Mixed Upland Deciduous		9		22	
10	0	10	0	Natural Mixed Pines	10				
449	449	0	0	Northern Hardwood					
257	55	203	0	Tamarack	203				
27	27	0	0	Upland Mixed Forest					
2,389	1,596	273	519	Total Forested Acres	273	9	486	22	2
	67%	11%	22%	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)	22	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
2	Unavailable	3A: Conservation Values incompatible with harvest at this time	369	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							



## Report 4 – Site Conditions

Gwinn Mgt. Unit  
 Kyle Gould: Examiner

Compartment: 61  
 Year of Entry: 2026



3	<b>Unavailable</b>	<b>3A: Conservation Values incompatible with harvest at this time</b>	50	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
4	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	2	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Long term retention for stand 1.							
5	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	5	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Private blue line was not established in past for timber sale.							
6	<b>Unavailable</b>	<b>3A: Conservation Values incompatible with harvest at this time</b>	62	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
7	<b>Unavailable</b>	<b>3A: Conservation Values incompatible with harvest at this time</b>	6	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
8	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	9	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Gwinn Mgt. Unit  
 Kyle Gould: Examiner

Compartment: 61  
 Year of Entry: 2026



9	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	16	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
10	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	242	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
12	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	10	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments

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## 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 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	Habitat Area	An area that provide some specific need for the life cycle of wildlife species, including State Wildlife Areas and Waterfowl Production Areas, deer wintering complexes in lowland conifer communities, grassland openings and savannas. Habitat areas are distinct from critical habitat designated for recovery of endangered or threatened species (such as Kirtland's warbler or piping plover areas) in that they are more general in nature, are not primarily associated with threatened or endangered species, and are not covered by species recovery plans that are developed in cooperation with Federal agencies.
SCA	Type 1 and Type 2 Old Growth	Old-Growth forest (also termed primary forest, ancient forest, virgin forest, or primeval forest) is an area of forest that has few or no signs of human disturbance and that exhibits unique ecological features related to age, composition and associated structure. Old growth forests are of natural origin. They may be dominated by late successional forest species (i.e. sugar maple and American beech), or may be a very old example of a stand dominated by long-lived early- or mid-seral species (i.e. oak, or red pine).
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																						
1	4130 - Aspen	Sapling Medium	30.1	7	Immature	N/A	Cut in 10/18 venison trail.  2024 - stand is established with 1-2" aspen. There are scattered white pine, heaviest in the SE end of the stand.																																																						
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2	42290 - Natural Mixed Pine	Sawtimber Medium	9.7	109	51-80	N/A	Narrow sand ridge of mixed red pine, white pine, white birch, hemlock, sugar maple. Pine left along with a few hardwoods., Aspen clearcut under permit #16-95-01. This is the transition between the stand 3 hardwood and the lowland stands to the west.																																																						
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3	4110 - Sugar Maple Association	Sawtimber Well	37.2	109	81-110	N/A	Medium quality hardwoods with large hemlock, white pine, white birch, and some scattered upland cedar. Pockets of dense sugar maple regeneration in the large gaps from the cutting in 1998 (#016-95-01) but also areas of spotty regeneration with raspberry. 2024 - stand is ready to be treated.																																																						
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4	6121 - Tamarack	Poletimber Well	150.3	80	Unspecified	N/A	Mostly tamarack and spruce with some other species mixed in. There are a few high spots with some hardwoods like birch and maple. The stand is ready to be treated.																																																						
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5	4130 - Aspen	Sapling Well	31.5	7	Immature	N/A	Cut 10/18 Venison trail. 2024 - Thick stand of aspen with a few residual pine, mostly in the southeast corner																																																						
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																
6	6121 - Tamarack	Poletimber Well	52.5	80	Unspecified	N/A	Tamarack and black spruce stand with a mix of other lowland species.																																
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7	6120 - Lowland Cedar	Poletimber Well	18.0	131		N/A	C6 with a mix of other lowland species.																																
8	4199 - Other Mixed Upland Deciduous	Poletimber Well	15.6	25	1-50	N/A	Cut in 1998. 2024 - Pole sized aspen stand. Some hardwood in the understory.																																
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9	622 - Lowland Shrub	Nonstocked	8.9			No	Open lowland stand with some scattered trees. Was not able to contact the adjacent landowner for access.																																
10	4110 - Sugar Maple Association	Poletimber Well	2.2	100	111-140	N/A	Log sized hardwood stand. Almost 100% sugar maple.																																
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11	6120 - Lowland Cedar	Poletimber Well	22.0	138		N/A	Looks like fairly dense cedar from the imagery. I was not able to contact landowner to access for a field visit.																																
12	6120 - Lowland Cedar	Sawtimber Well	7.8	70	111-140	N/A	Log size cedar stand with lots of paper birch but too much cedar to operate. Fairly dry site for cedar.																																
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13	4110 - Sugar Maple Association	Sawtimber Well	4.1	110	111-140	N/A	This patch was never thinned. Remote poor access, small stand. Would have to go through private land building road thru mostly cedar.																																



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																														
14	4199 - Other Mixed Upland Deciduous	Poletimber Well	9.2	126	81-110	N/A	Stand of pole sized ash with some other lowland species mixed in.																																														
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15	4110 - Sugar Maple Association	Sawtimber Well	169.9	110	81-110	N/A	Harvested completed early spring 2019 by Timber Products.																																														
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16	4130 - Aspen	Poletimber Well	40.6	36		N/A	Cut in 1987. Aspen is mostly 6-8" and fully stocked. There is a dense understory of 2-4" hardwood in almost all of this stand. There is a steep ridge on the south edge of stand 85 with some maple and other hardwood mixed in. There is also a small opening at the NW corner of the stand.																																														
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17	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	12.5	35	51-80	N/A	2024 - Part of the stand was the buffer for stand 54 along Gleason Creek. The northern end was left to keep the timber sale on the higher ground. The stand is a mix of aspen and lowland conifers. Trace amount of cedar.																																														
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18	6121 - Tamarack	Poletimber Poor	17.6	50	1-50	N/A	9/17/2020: Lake to Lake CISMA treated this area to remove phragmites.																																														
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19	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	22.2	109	81-110	N/A	Remote former fir stand converted to mixed hardwoods. Most of the fir is dead and down providing patchy aggregate retention with larger gaps. Large remnant red maple, sugar maple, upland cedar, with white birch, white spruce and balsam fir. There is a stream cutting across the narrow part of the stand.																																																			
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20	6129 - Mixed Coniferous Lowland Forest	Sawtimber Well	14.2	70	81-110	N/A	Lowland stand. Gleason Creek borders the east edge along the Ross Grade. Mix of mostly lowland conifers with a few aspen mixed in.																																																			
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21	4110 - Sugar Maple Association	Sawtimber Well	30.6	110	81-110	N/A	Stand cut in December, 2018 as Yellow Rock Ash sale (32-007-16). A mix of northern hardwoods with white ash. The stand gradually slopes downhill to cedar with most of the conifer on the lower ground as you would expect. Heavier concentration of white ash upslope/north. Few maple seedlings in the gaps from the previous treatment but moderate white ash seedlings in the understory. Groups of large hemlock and cedar in the northwest. Access thru private.																																																			
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22	6120 - Lowland Cedar	Sawtimber Well	368.5	171	111-140	N/A	Large, variable stand with some areas of large cedar. Areas of large diameter cedar. The headwaters of Gleason Creek cuts through the stand from southwest to northeast. Beavers have flooded a small area on the north side of the stand 25 strips.																																																			
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23	6139 - Mixed Lowland Forest	Sawtimber Well	12.0	87	81-110	N/A	Lowland stand with high spots. Large, over mature aspen mixed with spruce and other conifers.																																																			
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																
24	6111 - Lowland Balsam Poplar	Poletimber Well	5.1	60		N/A	Lowland stand of aspen mixed with other lowland species. The stand is mature.																																																
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25	6124 - Lowland Spruce-Fir	Sapling Well	8.3	49		N/A	Old cedar strip cuts regenerated to fir, black spruce, white birch, balsam poplar. No cedar seedlings or saplings present.																																																
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26	6120 - Lowland Cedar	Poletimber Well	9.1	135		N/A	Primarily a cedar stand. There are some areas with blowdown that are less dense. Gleason Creek runs through the stand.																																																
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27	4119 - Mixed Northern Hardwoods	Sawtimber Medium	18.1	110	51-80	N/A	Old "wildlife" cutting. Much of the stand is 4"-6" sugar maple with larger timber along the southern edge. Numerous upland cedar, legacy sugar maple, y. birch, and cedar. Fair stocking of cherry, w. birch, red maple. There is an area of thick spruce and fir in the center of the stand.																																																
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28	3102 - Grass	Nonstocked	1.7			No	Edges slowly filling in with trees.																																																



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29	6120 - Lowland Cedar	Sawtimber Well	61.9	171	81-110	N/A	Variable stand with stocking levels of 80-130 ba. Areas of large diameter cedar.																																														
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30	4110 - Sugar Maple Association	Sawtimber Well	8.7	110	81-110	N/A	TCR 7/9/2018: Yellow Rock East Sale #003-15. Narrow strip bordering private land. The east end is better quality and was treated. The west end is poured quality, has some other species mixed in, and was not treated.																																														
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31	4130 - Aspen	Poletimber Well	18.9	26	1-50	N/A	Aspen stand transitioning to pole sized trees. Lower drainage veins and patches are dense to black ash saplings.																																														
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32	4110 - Sugar Maple Association	Sawtimber Well	16.0	110	81-110	N/A	Cut in 2022 under Ross Donut Aspen Contract # 32-035-18 (1) by St John Forest Products, Inc.  2024 - Stand is almost all sugar maple. Good quality hardwood stand. Regen is thin.																																														
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33	4130 - Aspen	Sapling Poor	79.0	1	Immature	N/A	Cut in 2022 under Ross Donut Aspen Contract # 32-035-18 (1) by St John Forest Products, Inc. 2024 - stand is regenerating. Most aspen is 3-5' tall. Some areas are sparse but should fill in.																																														
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34	6120 - Lowland Cedar	Poletimber Well	6.0	131		N/A	Cedar stand with a mix of other species. More of a mix in the western end.																																														
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
35	6112 - Lowland Aspen	Poletimber Well	4.6	60	81-110	N/A	C6T5Q2
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Balsam Fir		5	Pole	7		Balsam Fir	
White Spruce		10	Pole	8		Medium	
Paper Birch		10	Pole	9		Variable	
Northern White Cedar		5	Pole	8	160	Sapling	
Quaking Aspen		70	Log	11	60		
36	4130 - Aspen	Poletimber Well	39.3	45		N/A	Aspen stand with a little bit of conifer mixed in.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Balsam Fir		2	Pole/Log	10		Hazelnut (Beaked)	
Northern White Cedar		2	Pole	8		Low	
Quaking Aspen		80	Pole/Sapling	8	45	< 5 feet	
White Spruce		2	Pole/Log	12		Tall Shrub	
Paper Birch		14	Pole	8		Balsam Fir	
						Low	
						Variable	
						Sapling	
						White Spruce	
						Low	
						Variable	
						Sapling	
						Sugar Maple	
						Low	
						Variable	
						Sapling	
37	4130 - Aspen	Poletimber Well	43.3	47		N/A	Good quality aspen on summer ground. Stand is ready to harvest. Trace other species in the stand.
<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	Pole/Log	11		Hazelnut (Beaked)	
Balsam Fir		10	Pole	9		Medium	
Quaking Aspen		85	Log/Pole	10	47	< 5 feet	
						Tall Shrub	
						White Spruce	
						Low	
						Variable	
						Sapling	
						Balsam Fir	
						Medium	
						Variable	
						Sapling	
38	4130 - Aspen	Sapling Well	9.6	25	1-50	N/A	Dense aspen saplings. Lots of hardwood saplings 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>	
Paper Birch		2	Sapling	2		Balsam Fir	
Black Ash		5	Sapling	2		Low	
Quaking Aspen		90	Sapling/Pole	4	25	Variable	
Sugar Maple		3	Log/Pole	10		Sapling	
						White Spruce	
						Low	
						Variable	
						Sapling	
						Sugar Maple	
						High	
						5 - 10 feet	
						Sapling	
						Red Maple	
						Low	
						Variable	
						Sapling	
39	4110 - Sugar Maple Association	Sawtimber Well	155.8	110	81-110	N/A	Some good regen in gaps. Most areas have poor regen. Lots of Elderberry and Ironwood. Thinned in 2018. Good quality hardwoods thinned in 1975 and 1995.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Paper Birch		2	Log	11		Ironwood	
Sugar Maple		88	Log/Pole/Sap	14	110	Low	
Basswood		10	Log	14		Variable	
						Sapling	
						White Spruce	
						Low	
						Variable	
						Sapling	
						Wild Red Raspberry	
						Medium	
						5 - 10 feet	
						Tall Shrub	
						Elderberry	
						Medium	
						5 - 10 feet	
						Tall Shrub	
						Sugar Maple	
						Low	
						Variable	
						Sapling	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																	
40	3102 - Grass	Nonstocked	10.1			No																																		
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41	4130 - Aspen	Poletimber Well	6.8	42	Unspecified	N/A	2024 - Aspen with lowland species mixed in.																																	
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42	6220 - Alder/willow	Nonstocked	9.4			No	East end of the stand has some spruce and cedar. Gleason Creek is in the middle of the stand.																																	
43	4134 - Aspen, Spruce/Fir	Sapling Well	2.7	24	1-50	N/A	Aspen sapling stand with dense fir understory. Turns to tamarack saplings in the north tip.																																	
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44	4130 - Aspen	Poletimber Well	22.5	25	1-50	N/A	Cut by Nickels Logging under contract # 020-95-01. Fully stocked stand of small pole timber. The southeast sliver of the stand is large aspen and mixed conifer that was left. There is some hardwood in the understory.																																	
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46	4130 - Aspen	Poletimber Well	9.9	35		N/A	Almost pure aspen. A trace amount of spruce and balsam. Stand looks healthy																																	
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48	4130 - Aspen	Poletimber Well	19.2	36		N/A	Cut in 1987. This stand was part of stand 16 and cut at the same time. This stand has wetter soils and very little hardwood in the understory. Most the aspen is 5-7" DBH.																																														
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50	4130 - Aspen	Sapling Poor	22.3	1	Immature	N/A	Cut in 2022 under Ross Donut Aspen Contract # 32-035-18 (1) by St John Forest Products, Inc.																																														
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51	3102 - Grass	Nonstocked	1.8		Immature	Managed Opening	Nice opening, very few trees encroaching																																														
52	4130 - Aspen	Poletimber Well	20.6	35	51-80	N/A	Dense aspen pole stand. A good amount of maple saplings in the understory.																																														
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53	4110 - Sugar Maple Association	Sawtimber Well	4.6	110	111-140	N/A	Dense hardwood stand on steeper ridge. Terrain along E/NE edge may not be operable. Treat what is operable.																																														
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54	4130 - Aspen	Sapling Well	47.7	6	Immature	N/A	TCR 7/9/2018: Yellow Rock East Sale #003-15.																																														
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55	4130 - Aspen	Sapling Well	24.7	18	Immature	N/A	Very dense aspen sapling stand. Dense A3. Cut by St. John (Anderson Bros) under contract 32-006-01-01																																																											
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56	6220 - Alder/willow	Nonstocked	8.0			No	Tag alder wetland																																																											
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57	6120 - Lowland Cedar	Sawtimber Well	6.0	137		N/A	9/17/2020: Lake to Lake CISMA treated this area to remove phragmites. Cedar with associated swamp conifers.																																																											
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58	3102 - Grass	Nonstocked	1.6			Managed Opening	Opening slowly filling in. Clump of aspen and conifers in the center.																																																											
59	6122 - Black Spruce	Poletimber Well	35.2	137	81-110	N/A	Lowland conifer stand starting to show some decline. A narrow vein of cedar in the south half. More tamarack mixed in the south half. Patches of sparsely stocked areas. Smaller diameter and sparse stocking in the north tip.																																																											
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60	4130 - Aspen	Poletimber Well	24.1	35	51-80	N/A	Dense aspen stand. Small conifer patches scattered within.																																																											
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61	6120 - Lowland Cedar	Sawtimber Well	30.8	137	111-140	N/A	Predominantly dense cedar. Small interior patches more dense to black spruce. Flowing water in areas of stand. Some large cedar present.																																														
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62	6121 - Tamarack	Poletimber Well	37.0	75	51-80	N/A	9/17/2020: Lake to Lake CISMA treated this area to remove phragmites. 2024 - Tamarack and black spruce stand with a little cedar mixed in.																																														
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63	4319 - Mixed Upland Forest	Poletimber Medium	11.9	80	81-110	N/A	Looks like a hardwood stand on the imagery. Was not able to contact the adjacent landowner. Walking/atv access is very difficult.																																														
64	411 - Northern Hardwood	Poletimber Well	1.4	84	111-140	N/A	Very difficult access. Would have to build road on private land. Looks similar to stand 13 on the imagery. Looks like a mature, fully stocked hardwood stand.																																														
65	6120 - Lowland Cedar	Sawtimber Well	79.9	100	51-80	N/A	Stand recently acquired by the state. Old cedar that has seen some harvesting about 25 years ago. Most cedar is log size. A trace amount of large spruce. Openings in the overstory are filled with spruce and fir. A stream runs through the stand from Northwest to Southeast																																														
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66	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	16.4	14	Immature	N/A	The state recently acquired this piece of land. It was cut right before the state got it. It is young aspen with a mix of conifers																																														
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67	4130 - Aspen	Poletimber Well	38.6	36		N/A	Cut in 1987. Aspen is mostly 6-8" and fully stocked. Not much hardwood understorey and should continue to be managed as aspen. Similar to stand 48.																																														
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<b>68</b>	6120 - Lowland Cedar	Sawtimber Poor	62.3	100	1-50	N/A																																									
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<b>70</b>	4134 - Aspen, Spruce/Fir	Sapling Well	8.5	6	Immature	N/A	TCR 7/9/2018: Yellow Rock East Sale #003-15. Fully stocked stand of aspen saplings.																																								
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<b>71</b>	4130 - Aspen	Poletimber Well	7.5	35	81-110	N/A	Small aspen strip along the road where it crossed the lowlands.																																								
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<b>73</b>	6122 - Black Spruce	Poletimber Medium	16.0	80	51-80	N/A	Sparse stand of spruce with small diameters. S4/S5 type stand. Wetter than stand 78.																																								
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<b>74</b>	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	7.7	110		N/A	Mixed cedar, tamarack, and black spruce stand. More cedar than stand 4 and 78.																																								
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<b>75</b>	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	8.2	94		N/A	East edge is heavy to cedar. West half is more sparse and has more spruce deciduous trees.																																								
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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<b>76</b>	6120 - Lowland Cedar	Poletimber Medium	5.8	137	1-50	N/A	Flooded alder with very sparse stocking. The norther part has a little bit of sparse timber
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Black Spruce		20	Pole	8		Alder	
Paper Birch		10	Pole	7		Medium	
Black Ash		5	Pole	6		5 - 10 feet	
Northern White Cedar		65	Pole/Log	9	137	Variable	
						Sapling	
9/17/2020: Lake to Lake CISMA treated this area to remove phragmites. Cedar with associated swamp conifers.							

<b>77</b>	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	4.9	94	Unspecified	N/A	Lowland mix stand ready to be cut. Mix of aspen, maple, spruce, and tamarack.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Northern White Cedar		10	Pole/Log	8	94	Black Spruce	
Red Maple		10	Log/Pole	10		Low	
Tamarack		39	Pole/Log	8	94	Variable	
Quaking Aspen		10	Log/Pole	10		Sapling	
Black Spruce		31	Pole/Log	8		Sapling	
						Sapling	

<b>78</b>	6122 - Black Spruce	Poletimber Well	18.6	80	Unspecified	N/A	Mostly spruce with some tamarack and cedar mixed in.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Black Spruce		70	Pole/Sap/Log	8	80	Black Spruce	
Tamarack		25	Pole/Log	8		Low	
Northern White Cedar		5	Pole/Log	8	110	Variable	
						Sapling	
						Sapling	

<b>79</b>	613 - Lowland Mixed Forest	Poletimber Well	5.7	50		N/A	Stand looks like a mix or aspen, maple, and birch with some spruce and other conifers mixed in.
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<b>80</b>	4319 - Mixed Upland Forest	Sapling Well	14.9	9	Immature	N/A	Looks like a recent aspen clearcut on the imagery. I was not able to contact the landowner for access.
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<b>81</b>	612 - Lowland Coniferous Forest	Poletimber Well	3.7	35	51-80	N/A	Lower ground that stand 66. Heavier to conifers. Aspen and birch present as well
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>		
Quaking Aspen		15	Pole	5			
Black Spruce		10	Pole	5			
Balsam Fir		60	Pole	6	35		
Paper Birch		5	Pole	5			
Balsam Poplar		10	Pole	6			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																														
<b>82</b>	6132 - Mixed Lowland Forest with Cedar	Sawtimber Well	10.2	65	81-110	N/A	Mature stand of lowland aspen and conifers. Wet soils.																																														
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<b>83</b>	6115 - Lowland Ash	Sapling Well	2.0	30	Immature	N/A	Similar to stand 14 but smaller diameter. Ash mixed stand with very wet soils.																																														
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<b>84</b>	6120 - Lowland Cedar	Poletimber Well	31.6	92	81-110	N/A	Stand is heavy cedar. The west end is more mixed with other lowland species. A drain runs through the stand NW to South. Gleason creek is near the south edge of the stand.																																														
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<b>85</b>	3102 - Grass	Nonstocked	1.0	0		No	Small grassy opening with knapweed.																																														
<b>86</b>	3102 - Grass	Nonstocked	1.6	0		No	Grassy opening.																																														
<b>87</b>	3102 - Grass	Nonstocked	1.1	0		No	Grassy opening.																																														
<b>88</b>	6130 - Fir, Aspen, Maple	Sapling Well	3.6	6	Immature	N/A	TCR 7/9/2018: Yellow Rock East Sale. Cut in 2018. 2024 - young aspen with some pole sized hardwood mixed in																																														
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**89** 6128 - Lowland Coniferous, Mixed Deciduous Sawtimber Well 26.8 80 81-110 N/A Lowland stand of spruce, tamarack, cedar, and mixed other species. Ready to harvest.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	40	Pole	8	80	Tag Alder	Low	< 5 feet	Tall Shrub
Quaking Aspen	21	Log	12		Balsam Fir	Low	Variable	Sapling
Tamarack	20	Pole/Log	9		Northern White Cedar	Low	Variable	Sapling
Balsam Fir	4	Pole	8					
Northern White Cedar	15	Log/Pole/XLog	11	171				

**92** 6220 - Alder/willow Nonstocked 12.4 No Flooded alder flat with Gleason Creek along the road.

**98** 4139 - Aspen, Mixed Deciduous Poletimber Well 6.0 45 81-110 N/A Aspen stand with areas of pole size hardwood.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	20	Pole	6		Balsam Fir	Low	Variable	Sapling
Northern White Cedar	2	Pole	8		Hazelnut (Beaked)	Low	< 5 feet	Tall Shrub
White Spruce	2	Log	12		Sugar Maple	Low	Variable	Sapling
Balsam Fir	2	Pole	8		White Spruce	Low	Variable	Sapling
Quaking Aspen	20	Pole	6	45				
Paper Birch	14	Pole	8					
Balsam Poplar	40	Pole	7	45				