



Compartment Review Presentation

Gwinn Forest Management Unit

Compartment 32061

Entry Year 2026

Acreage: 2,389

County Marquette

Management Area: Ralph Moraine

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:

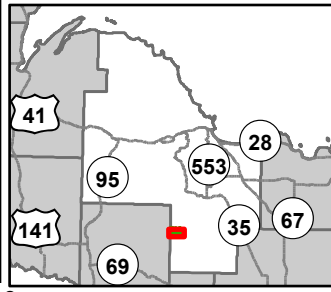
The following reports from the Inventory are attached:

- 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**

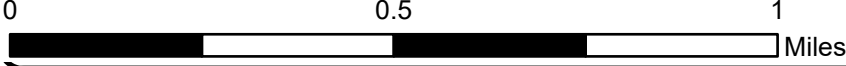
The following information is displayed, where pertinent, on the attached compartment maps:

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

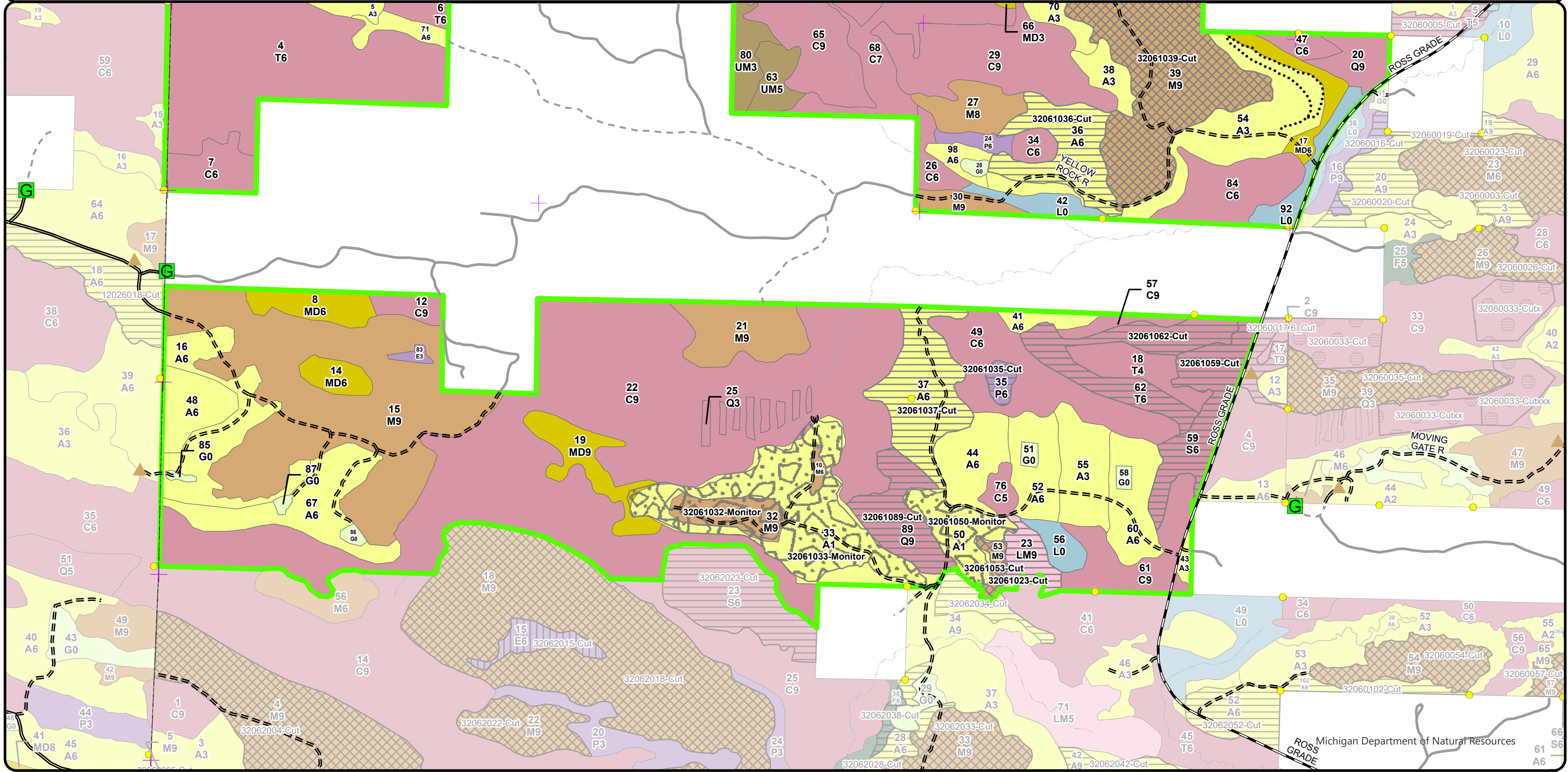
Cover Type & Treatments Map



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: 08/16/2024
 Map Phase: Web - Post

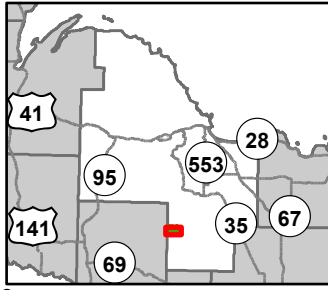


- | | | | |
|------------------------------|------------------------------|--------------------------------|---------------------------------|
| Berms | DNR - Forest Access Route | Selection (Group, Single Tree) | 611 - Lowland Deciduous Forest |
| Gate | Private - Paved Road | Clearcut (w/Reserves) | 612 - Lowland Coniferous Forest |
| Survey Grade Corners | Private - Dirt / Gravel Road | Regeneration Survey | 613 - Lowland Mixed Forest |
| Remonumented Section Corners | DNR - Management Access | 411 - Northern Hardwood | 310 - Herbaceous Openland |
| DNR - Primary Forest Road | Intermittent Stream | 413 - Aspen Types | 622 - Lowland Shrub |
| DNR - Secondary Forest Road | Compartment Boundary | 419 - Mixed Upland Deciduous | |
| | Counties | 430 - Upland Mixed Forest | |



**Special Conservation Areas
& Site Conditions Map**

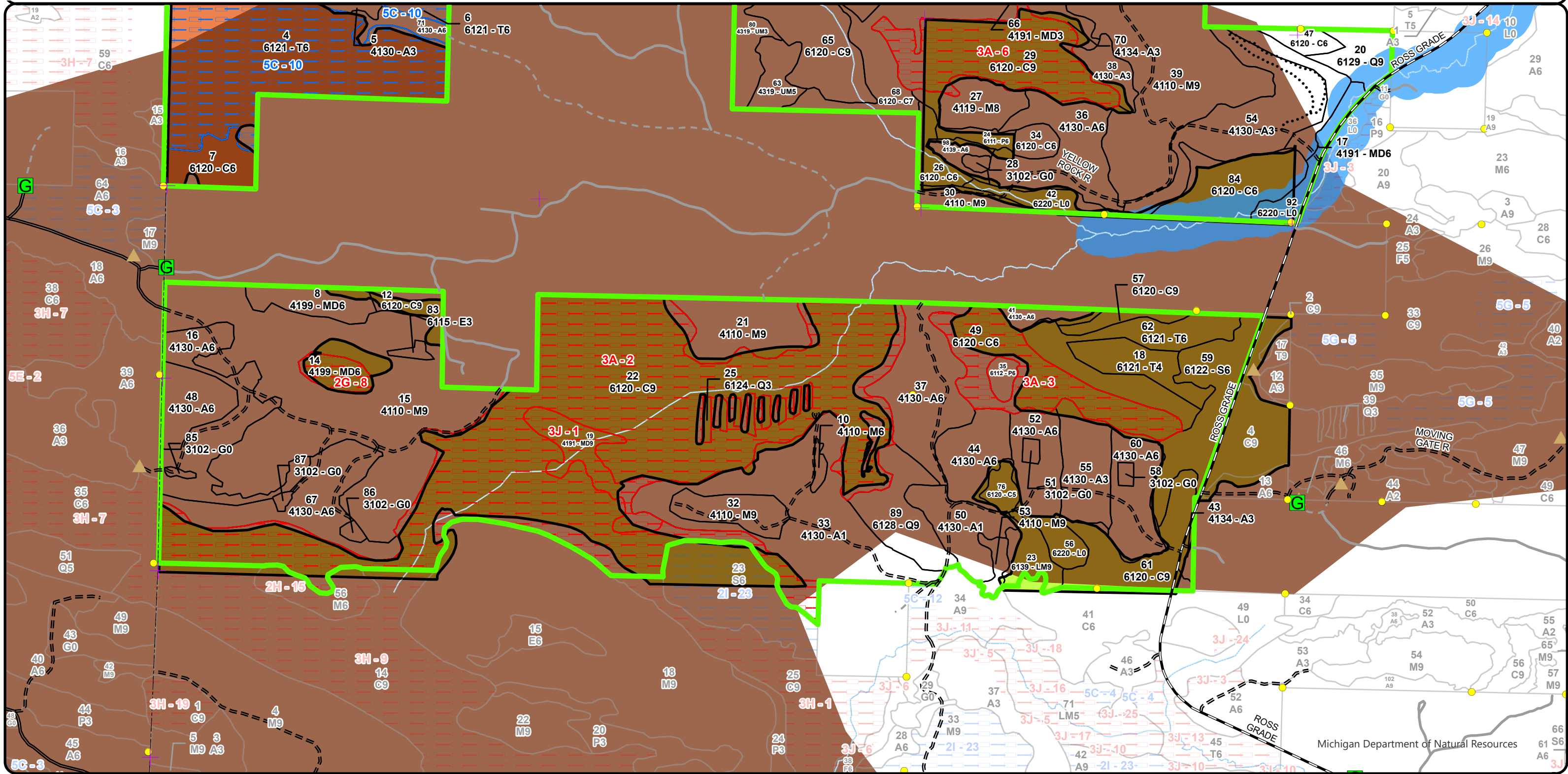
Compartment: 32061
 T43N, R26W, Sec: 3-9, 16-18
 County: Marquette
 Unit: Gwinn
 Mgmt Area: Ralph Moraine
 YOE: 2026
 Acres: 2388.6 GIS Calculated
 Examiner: Kyle Gould
 Map Revised: 08/16/2024
 Map Phase: Web - Post



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

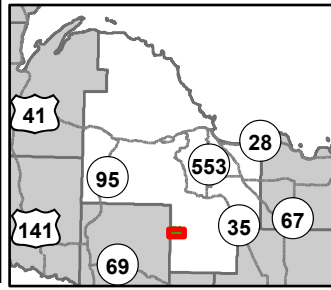
- Private - Dirt / Gravel Road
- DNR - Management Access
- Intermittent Stream
- Compartment Boundary
- Counties
- SCA
- Available w/ Constraints
- Unavailable

- 2G: Too wet (sensitive soils, does not include access issues)
- 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



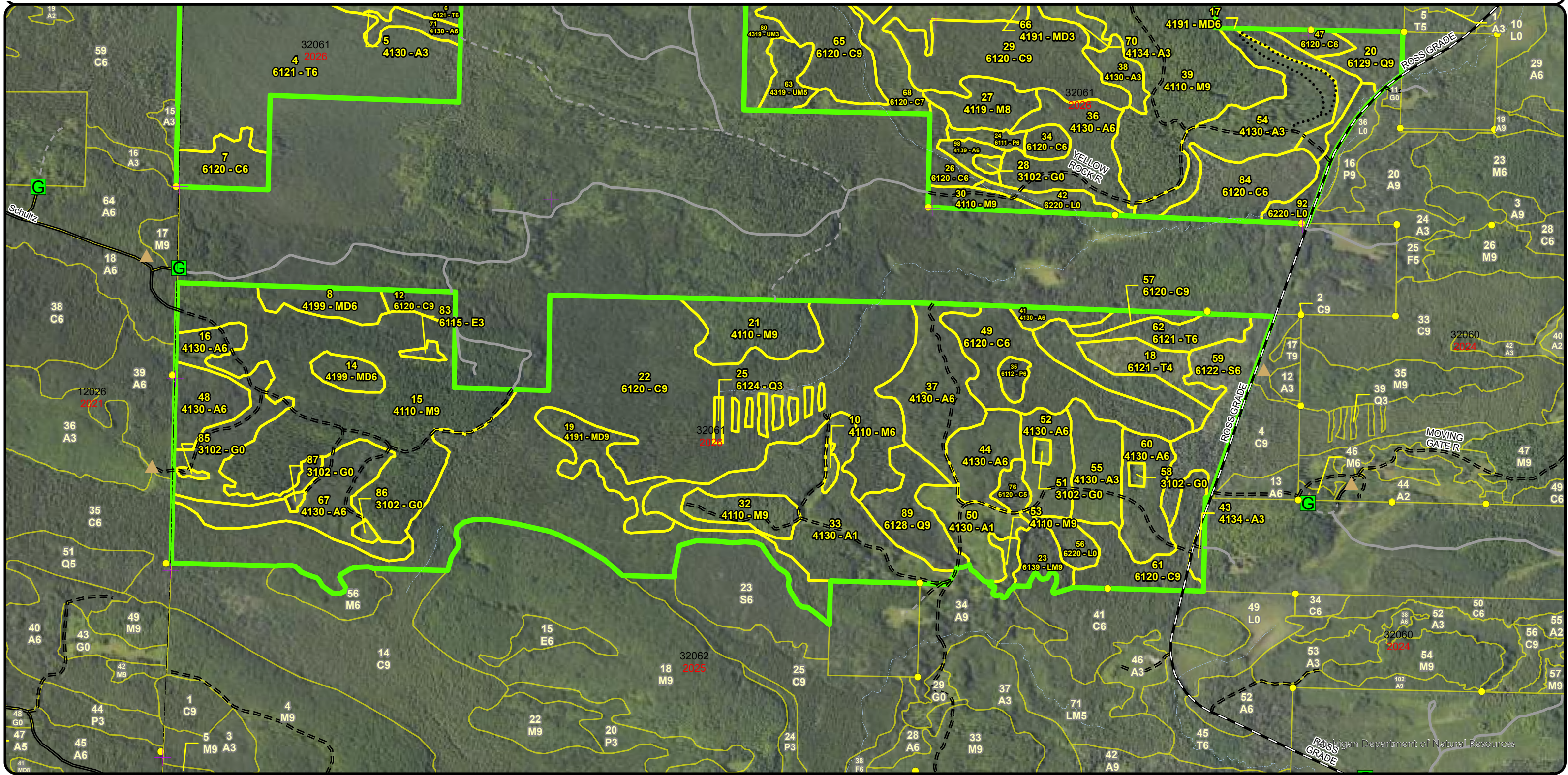
Stand Boundary Map

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: 08/16/2024
 Map Phase: Web - Post

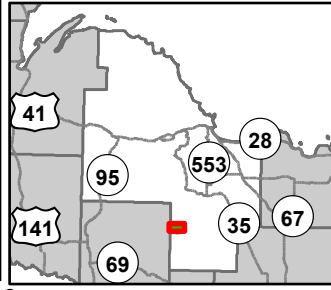


0 0.5 1 Miles

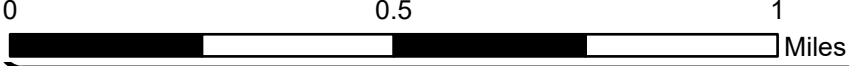
- ▲ Berms
- Gate
- Survey Grade Corners
- ✚ Remonumented Section Corners
- == DNR - Primary Forest Road
- == DNR - Secondary Forest Road
- == DNR - Forest Access Route
- Private - Paved Road
- - - Private - Dirt / Gravel Road
- DNR - Management Access
- Intermittent Stream
- Compartment Boundary
- Counties
- Stand Boundaries
- 411 - Northern Hardwood
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 622 - Lowland Shrub
- State Forests



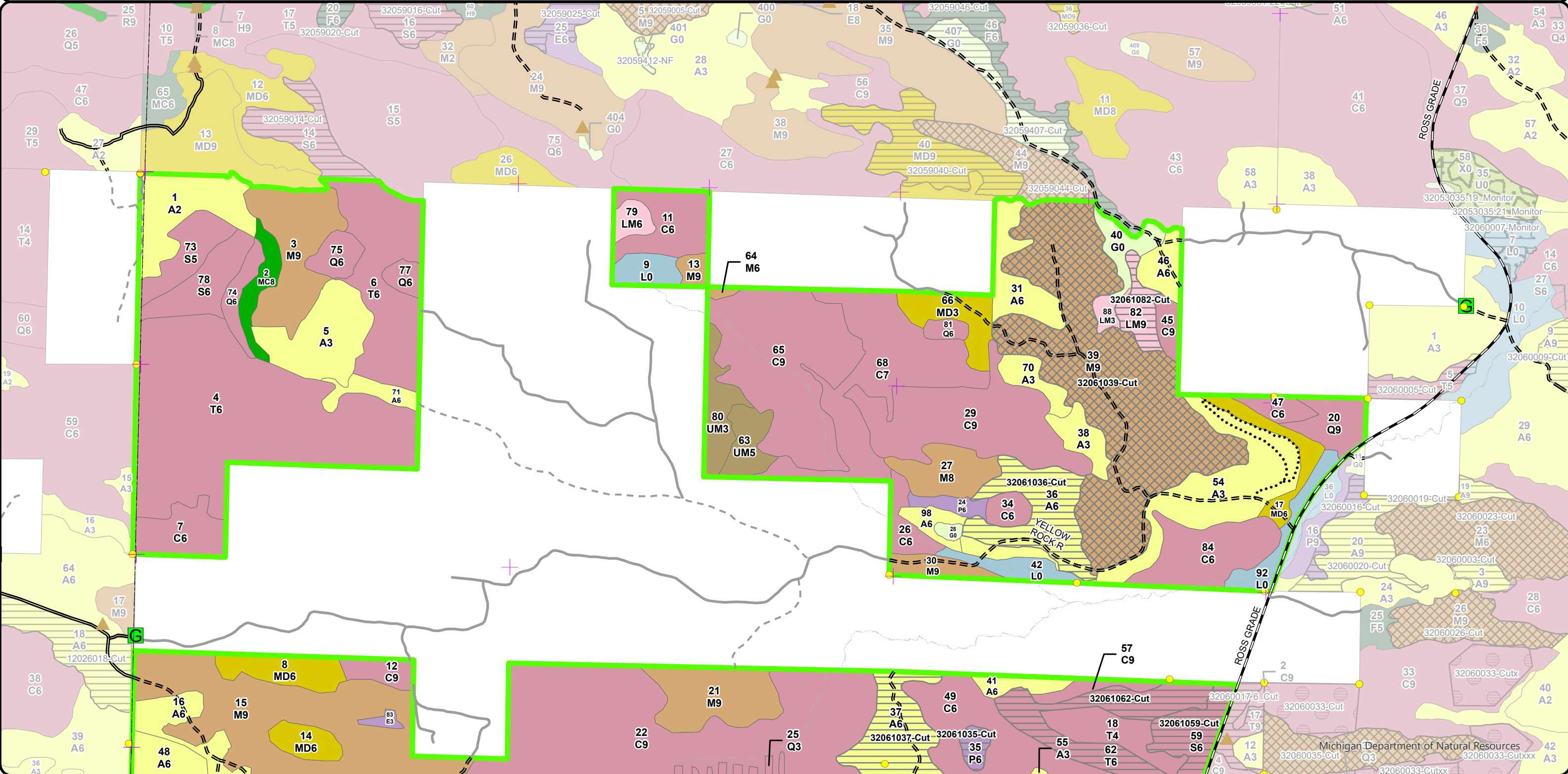
Cover Type & Treatments Map



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: 08/16/2024
 Map Phase: Web - Post

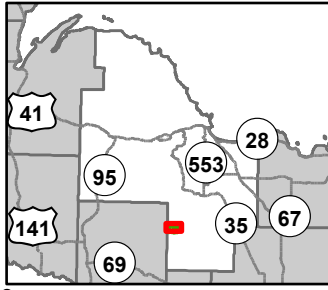


- | | | | |
|------------------------------|------------------------------|--------------------------------|---------------------------------|
| Berms | DNR - Forest Access Route | Counties | 430 - Upland Mixed Forest |
| Gate | County - Gravel Road | Selection (Group, Single Tree) | 611 - Lowland Deciduous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



**Special Conservation Areas
& Site Conditions 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: 08/16/2024
 Map Phase: Web - Post

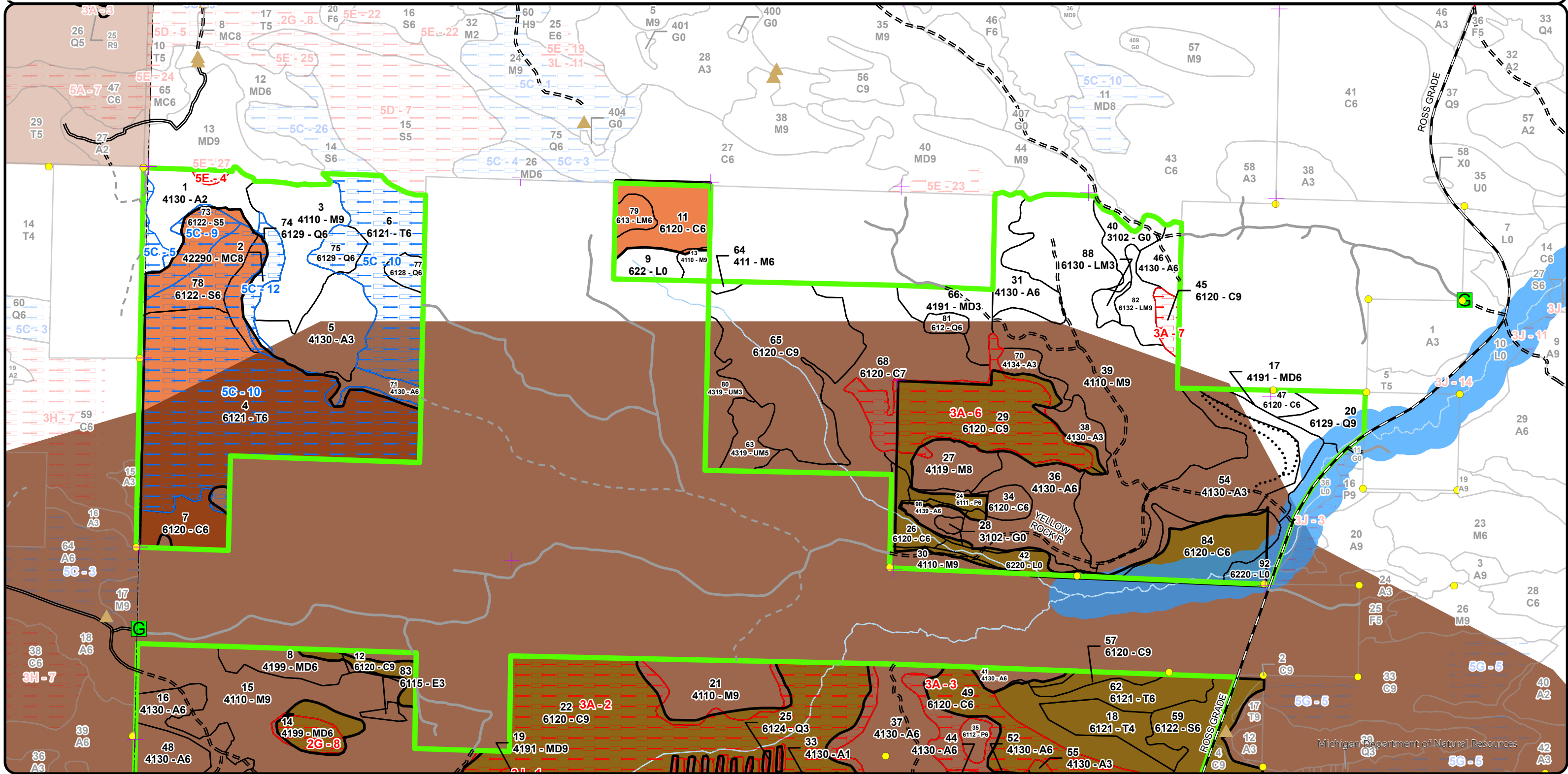


- Berms
- Gate
- Survey Grade Corners
- Remonumented Section Corners
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- County - Gravel Road
- Private - Paved Road

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

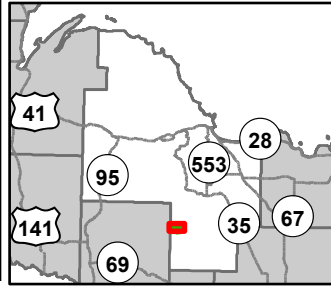
5C: Delay treatment for age/size class diversity or exceptional site quality
 2G: Too wet (sensitive soils, does not include access issues)

- 3A: Conservation Values incompatible with harvest at this time
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- Stand Boundaries
- Cold Water Streams
- High Priority Trout Stream Buffer
- Deer Winter Range
- Wildlife Research Areas
- Other Habitat Area
- Possible Type 2 Old Growth



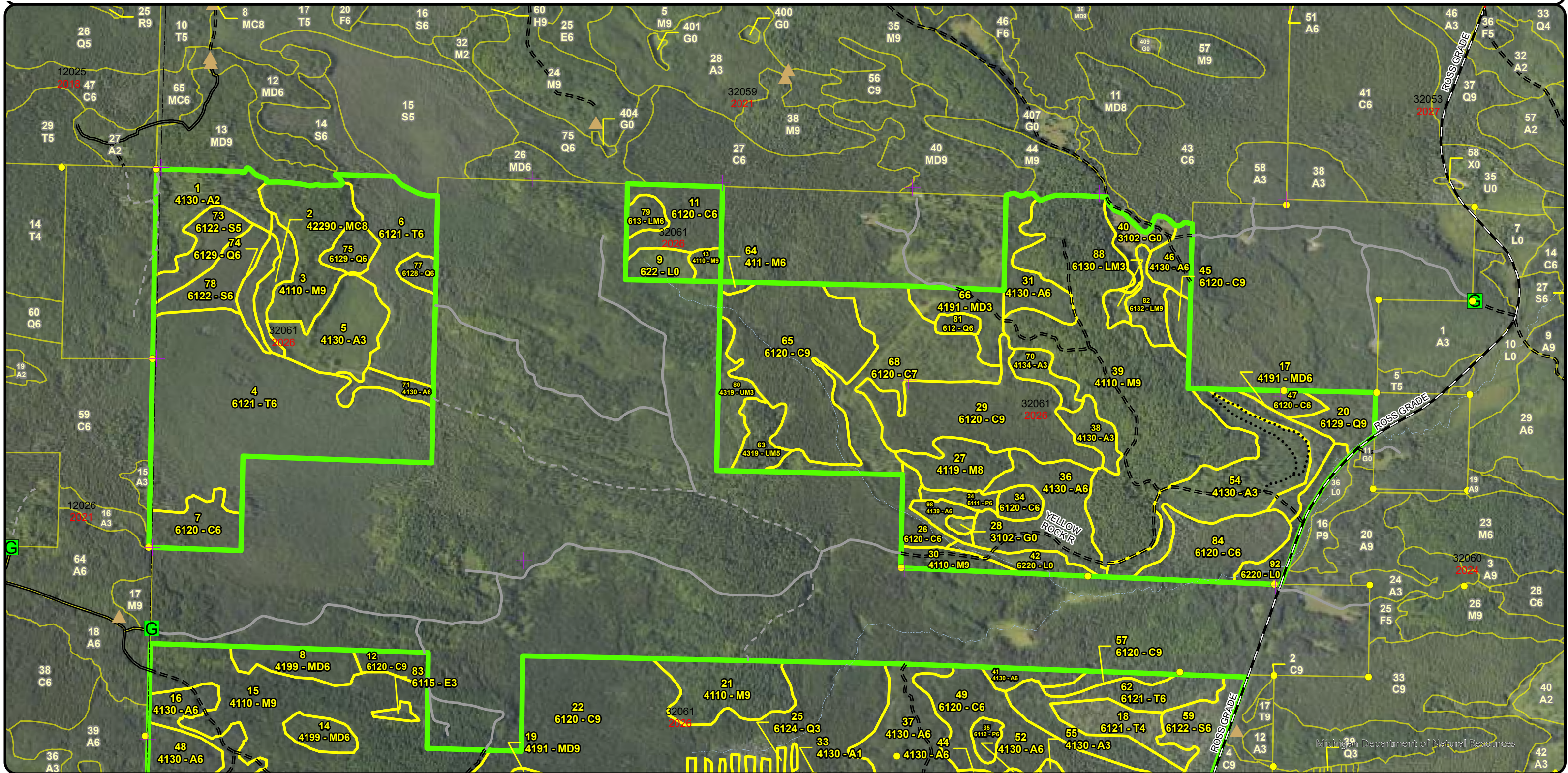
Stand Boundary Map

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: 08/16/2024
 Map Phase: Web - Post



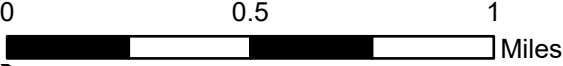
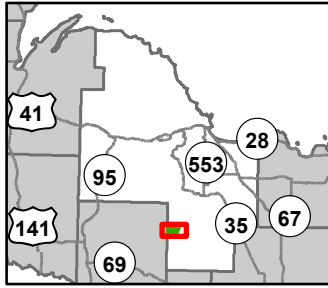
0 0.5 1 Miles

- Berms
- Gate
- Survey Grade Corners
- Remonumented Section Corners
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- County - Gravel Road
- Private - Paved Road
- Private - Dirt / Gravel Road
- DNR - Management Access
- Intermittent Stream
- Compartment Boundary
- Counties
- Stand Boundaries
- 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
- State Forests

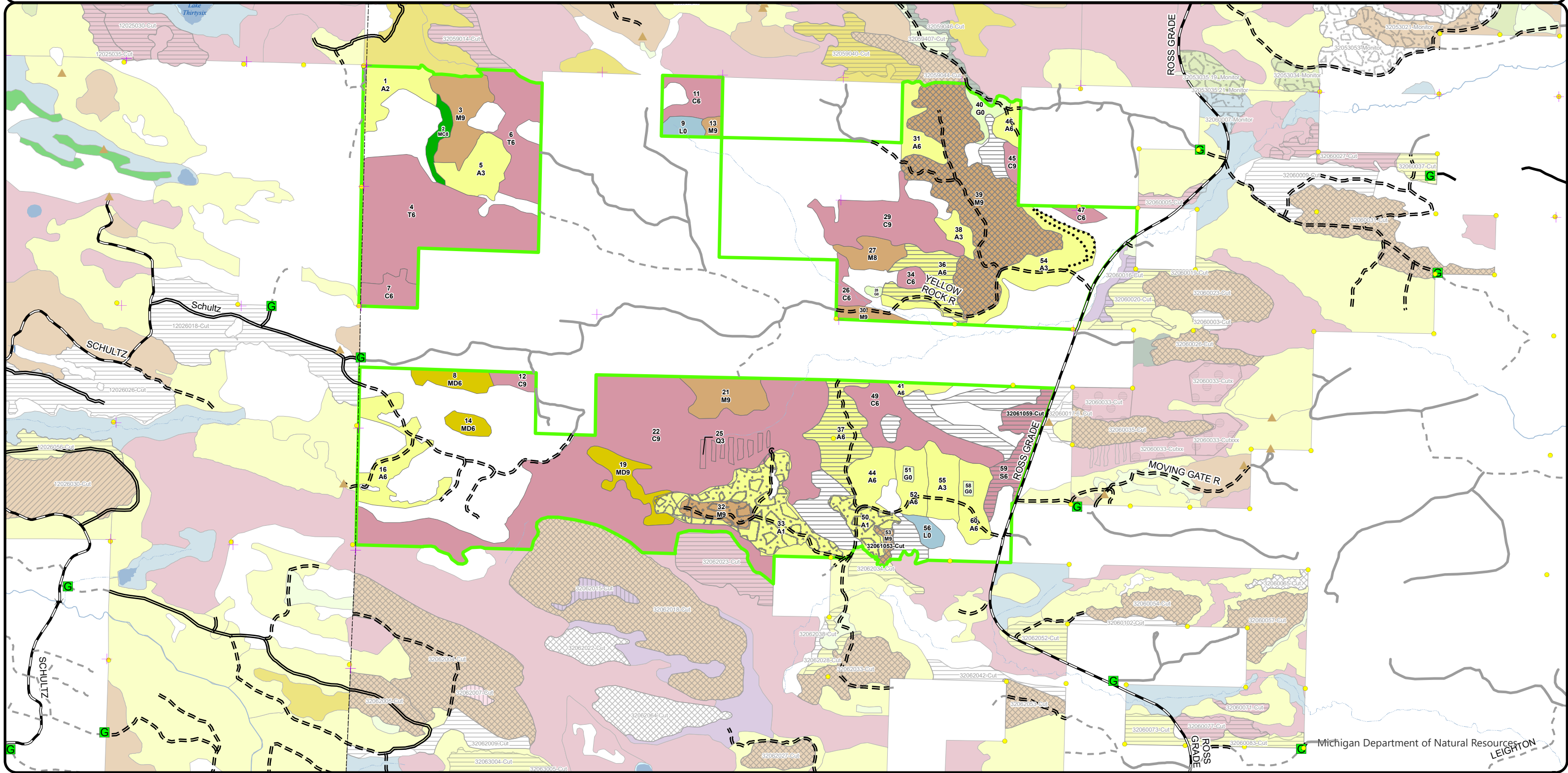


Overview Map

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: 08/16/2024
 Map Phase: Web - Post



- 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
- Counties
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Regeneration Survey
- 411 - Northern Hardwood
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 612 - Lowland Coniferous Forest
- 310 - Herbaceous Openland
- 622 - Lowland Shrub



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
Total	58	238	41	70	180	103	24	20	59	290	45	213	416	15	133	0	486	0	2389



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
Total	203	160	0	0	0	0	0	0	0	363

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
Total	363	0	0	0	0	0	469	0	0	833



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

Proposed Treatments:

23	32061023-Cut	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>											
35	32061035-Cut	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>											
36	32061036-Cut	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>											
37	32061037-Cut	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>											



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
----------------	-------	-----------------	--------------	-----------	----------	----------------	------------------	----------------------	---------------	-------------

39	32061039-Cut	155.8	4110 - Sugar Maple Association	Sawtimber Well	110	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
-----------	---------------------	-------	--------------------------------	----------------	-----	--------	---------	-----------------------	-------------------------	-------------	----

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)
Treatments:

Acceptable Northern Hardwood
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2025

53	32061053-Cut	4.6	4110 - Sugar Maple Association	Sawtimber Well	110	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
-----------	---------------------	-----	--------------------------------	----------------	-----	---------	---------	-----------------------	-------------------------	-------------	----

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)
Treatments:

Acceptable northern hardwood
Regen:

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

Site Condition

Proposed Start Date: 10/1 /2025

59	32061059-Cut	35.2	6122 - Black Spruce Poletimber	Well	137	81-110	Harvest	Clearcut with Retention	612 - Lowland Coniferous Forest	Even-Aged	No
-----------	---------------------	------	--------------------------------	------	-----	--------	---------	-------------------------	---------------------------------	-----------	----

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)
Treatments:

Acceptable lowland conifer
Regen:

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

Site Condition

Proposed Start Date: 10/1 /2025



Standard

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

62	32061062-Cut	37.0	6121 - Tamarack	Poletimber Well	75	51-80	Harvest	Clearcut with Retention	612 - Lowland Coniferous Forest	Even-Aged	No
-----------	---------------------	------	-----------------	-----------------	----	-------	---------	-------------------------	---------------------------------	-----------	----

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
-----------	---------------------	------	--	----------------	----	--------	---------	-------------------------	----------------------------	-----------	----

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
-----------	---------------------	------	--	----------------	----	--------	---------	-------------------------	----------------------------	-----------	----

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
-----------	-------------------------	------	--------------------------------	----------------	-----	--------	------------	------------------------------	-------------------------	----------	----

Prescription Monitor for hardwood regeneration.
Specs:

Next Step
Treatments:

Acceptable Maple, cherry, basswood.
Regen:

Other Percent to Treat = 100%
Comment:



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
----------------	-------	-----------------	--------------	-----------	----------	----------------	------------------	----------------------	---------------	-------------

Site Condition

Proposed Start Date: 10/1 /2033

33	32061033-Monitor	69.2	4130 - Aspen	Sapling Poor	1	Immature	Monitoring	Natural Regen (Re-Inventory)	413 - Aspen	Even-Aged	No
-----------	-------------------------	------	--------------	--------------	---	----------	------------	------------------------------	-------------	-----------	----

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

50	32061050-Monitor	20.6	4130 - Aspen	Sapling Poor	1	Immature	Monitoring	Natural Regen (Re-Inventory)	413 - Aspen	Even-Aged	No
-----------	-------------------------	------	--------------	--------------	---	----------	------------	------------------------------	-------------	-----------	----

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		Dominant Site Conditions	Dominant Site Conditions				
		With Condition	Not Available		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			0	
2	2	0	0	Lowland Deciduous					
32	32	0	0	Lowland Mixed Forest					
39	39	0	0	Lowland Shrub				0	
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	520	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
Comments:							
2	Unavailable	3A: Conservation Values incompatible with harvest at this time	369	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gwinn Mgt. Unit
 Kyle Gould : Examiner

Compartment: 61
 Year of Entry: 2026

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

Report 4 – Site Conditions

Gwinn Mgt. Unit
Kyle Gould : Examiner

Compartment: 61
Year of Entry: 2026

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

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

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

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

Comments



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

Conservation Area	Type	Description
SCA	Cold Water 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.		
Canopy Species		% Cover	Size Class	DBH	Age				
Sugar Maple		2	Sapling/Pole	4					
Quaking Aspen		80	Sapling	1	7				
Paper Birch		5	Sapling	1					
White Pine		8	Log/Pole/XLog	12					
Balsam Fir		5	Sapling	4					
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.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine		45	Log	16	109	Balsam Fir	Low	Variable	Sapling
Hemlock		10	Log/Pole	11		White Spruce	Low	Variable	Sapling
Paper Birch		15	Log/Pole	11		Sugar Maple	Low	Variable	Sapling
Red Pine		25	Log	14		Quaking Aspen	Medium	Variable	Sapling
Sugar Maple		5	Log/Pole	11		Hazelnut (Beaked)	Low	Variable	Tall Shrub
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.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Hemlock		2	Log	14		Ironwood	Medium	Variable	Sapling
White Pine		3	XLog	18		Sugar Maple	Medium	Variable	Sapling
Sugar Maple		86	Log/Pole/XLog	15	109				
Northern White Cedar		2	Pole/Log	9					
Paper Birch		2	Log/Pole	10					
Red Maple		5	Pole/Log	10					
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.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce		25	Pole/Sap/Log	8		Balsam Fir	Low	Variable	Sapling
Northern White Cedar		5	Pole/Log	8	110	Northern White Cedar	Low	Variable	Sapling
Tamarack		70	Pole/Log	8	80	Black Spruce	Low	Variable	Sapling
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		
Canopy Species		% Cover	Size Class	DBH	Age				
Balsam Fir		5	Sapling	1					
Red Maple		15	Sapling	1					
White Pine		5	Log	12					
Quaking Aspen		72	Sapling	1	7				
Red Pine		3	Log	11					



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.																																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Northern White Cedar</td> <td>5</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>74</td> <td>Pole/Log</td> <td>8</td> <td>80</td> </tr> <tr> <td>Black Spruce</td> <td>21</td> <td>Pole</td> <td>7</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	5	Pole/Log	8		Tamarack	74	Pole/Log	8	80	Black Spruce	21	Pole	7		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Northern White Cedar</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Low	Variable	Sapling	Northern White Cedar	Low	Variable	Sapling	Balsam Fir	Low	Variable	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																			
Northern White Cedar	5	Pole/Log	8																																				
Tamarack	74	Pole/Log	8	80																																			
Black Spruce	21	Pole	7																																				
Sub-Canopy Species	Density	Avg. Height	Size																																				
Black Spruce	Low	Variable	Sapling																																				
Northern White Cedar	Low	Variable	Sapling																																				
Balsam Fir	Low	Variable	Sapling																																				
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.																																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Balsam Poplar</td> <td>60</td> <td>Pole</td> <td>5</td> <td>25</td> </tr> <tr> <td>Quaking Aspen</td> <td>35</td> <td>Pole</td> <td>5</td> <td>25</td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Sapling</td> <td>1</td> <td>25</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Balsam Poplar	60	Pole	5	25	Quaking Aspen	35	Pole	5	25	Paper Birch	5	Sapling	1	25	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Sugar Maple	Low	Variable	Sapling								
Canopy Species	% Cover	Size Class	DBH	Age																																			
Balsam Poplar	60	Pole	5	25																																			
Quaking Aspen	35	Pole	5	25																																			
Paper Birch	5	Sapling	1	25																																			
Sub-Canopy Species	Density	Avg. Height	Size																																				
Sugar Maple	Low	Variable	Sapling																																				
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.																																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>100</td> <td>Log/Pole</td> <td>13</td> <td>100</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	100	Log/Pole	13	100	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Spruce</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Hazelnut (Beaked)</td> <td>Low</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Spruce	Low	Variable	Sapling	Hazelnut (Beaked)	Low	< 5 feet	Tall Shrub														
Canopy Species	% Cover	Size Class	DBH	Age																																			
Sugar Maple	100	Log/Pole	13	100																																			
Sub-Canopy Species	Density	Avg. Height	Size																																				
White Spruce	Low	Variable	Sapling																																				
Hazelnut (Beaked)	Low	< 5 feet	Tall Shrub																																				
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.																																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>30</td> <td>Log/Pole</td> <td>11</td> <td>70</td> </tr> <tr> <td>Yellow Birch</td> <td>3</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>65</td> <td>Log/Pole</td> <td>11</td> <td>70</td> </tr> <tr> <td>Hemlock</td> <td>2</td> <td>Log</td> <td>12</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	30	Log/Pole	11	70	Yellow Birch	3	Log	12		Northern White Cedar	65	Log/Pole	11	70	Hemlock	2	Log	12														
Canopy Species	% Cover	Size Class	DBH	Age																																			
Paper Birch	30	Log/Pole	11	70																																			
Yellow Birch	3	Log	12																																				
Northern White Cedar	65	Log/Pole	11	70																																			
Hemlock	2	Log	12																																				
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.																																															
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>5</td> <td>Pole</td> <td>9</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td>126</td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Hemlock</td> <td>2</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Black Ash</td> <td>75</td> <td>Pole/Log</td> <td>8</td> <td>126</td> </tr> <tr> <td>Yellow Birch</td> <td>3</td> <td>Log</td> <td>12</td> <td></td> </tr> </tbody> </table>	Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	5	Pole	9		Northern White Cedar	10	Log/Pole	10	126	Red Maple	5	Pole	8		Hemlock	2	Log/Pole	12		Black Ash	75	Pole/Log	8	126	Yellow Birch	3	Log	12				<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black Ash</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Spruce</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>	Sub-Canopy Species	Density	Avg. Height	Size	Black Ash	High	Variable	Sapling	White Spruce	Low	< 5 feet	Sapling		
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Black Spruce	5	Pole	9																																																			
Northern White Cedar	10	Log/Pole	10	126																																																		
Red Maple	5	Pole	8																																																			
Hemlock	2	Log/Pole	12																																																			
Black Ash	75	Pole/Log	8	126																																																		
Yellow Birch	3	Log	12																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																			
Black Ash	High	Variable	Sapling																																																			
White Spruce	Low	< 5 feet	Sapling																																																			
15	4110 - Sugar Maple Association	Sawtimber Well	169.9	110	81-110	N/A	Harvested completed early spring 2019 by Timber Products.																																															
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>90</td> <td>Log/Pole</td> <td>13</td> <td>110</td> </tr> <tr> <td>Basswood</td> <td>10</td> <td>Log</td> <td>15</td> <td></td> </tr> </tbody> </table>	Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	90	Log/Pole	13	110	Basswood	10	Log	15				<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Ironwood</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Sugar Maple</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>	Sub-Canopy Species	Density	Avg. Height	Size	Ironwood	Low	Variable	Sapling	Sugar Maple	Low	< 5 feet	Sapling	<p>Access to stand is from Dickinson County, Shultz Rd. Cut in 1999 by Jim Charles. Good quality stand of sugar maple and basswood. Light regeneration from the last cutting is browsed but 3' high. Scattered y. birch along the north edge. Areas of lower BA's. East side has large legacy upland cedar trees. There is a drain running from stand 14 to stand 83 and around stand 83. There is another drain running west to east along the main road through the stand. The stand is more pole sized in the NE corner.</p>																					
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Sugar Maple	90	Log/Pole	13	110																																																		
Basswood	10	Log	15																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																			
Ironwood	Low	Variable	Sapling																																																			
Sugar Maple	Low	< 5 feet	Sapling																																																			
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.																																															
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>100</td> <td>Pole</td> <td>7</td> <td>36</td> </tr> </tbody> </table>	Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	100	Pole	7	36			<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Hazelnut (Beaked)</td> <td>Low</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>	Sub-Canopy Species	Density	Avg. Height	Size	Sugar Maple	Medium	10 - 20 feet	Sapling	Hazelnut (Beaked)	Low	< 5 feet	Tall Shrub																											
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Quaking Aspen	100	Pole	7	36																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																			
Sugar Maple	Medium	10 - 20 feet	Sapling																																																			
Hazelnut (Beaked)	Low	< 5 feet	Tall Shrub																																																			
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.																																															
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>25</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Balsam Poplar</td> <td>35</td> <td>Pole</td> <td>6</td> <td>35</td> </tr> <tr> <td>Quaking Aspen</td> <td>35</td> <td>Pole</td> <td>6</td> <td>35</td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>	Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	25	Pole	6		Balsam Poplar	35	Pole	6	35	Quaking Aspen	35	Pole	6	35	Balsam Fir	5	Pole	8				<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Ash</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Sugar Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Hazelnut (Beaked)</td> <td>Low</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>White Spruce</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>	Sub-Canopy Species	Density	Avg. Height	Size	White Ash	Low	Variable	Sapling	Sugar Maple	Low	Variable	Sapling	Hazelnut (Beaked)	Low	< 5 feet	Tall Shrub	White Spruce	Low	Variable	Sapling				
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Black Spruce	25	Pole	6																																																			
Balsam Poplar	35	Pole	6	35																																																		
Quaking Aspen	35	Pole	6	35																																																		
Balsam Fir	5	Pole	8																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																			
White Ash	Low	Variable	Sapling																																																			
Sugar Maple	Low	Variable	Sapling																																																			
Hazelnut (Beaked)	Low	< 5 feet	Tall Shrub																																																			
White Spruce	Low	Variable	Sapling																																																			
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.																																															
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Tamarack</td> <td>50</td> <td>Pole</td> <td>5</td> <td>50</td> </tr> <tr> <td>Black Spruce</td> <td>40</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>	Canopy Species	% Cover	Size Class	DBH	Age	Tamarack	50	Pole	5	50	Black Spruce	40	Pole	6		Northern White Cedar	10	Pole	6				<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Tamarack</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>	Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	Variable	Sapling	Tamarack	Medium	Variable	Sapling	<p>2024 - Tamarack and black spruce stand with a little cedar mixed in. Stand is small, pole sized trees. They stand is patchy and low BA compared to the surrounding stand 62.</p>																
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Tamarack	50	Pole	5	50																																																		
Black Spruce	40	Pole	6																																																			
Northern White Cedar	10	Pole	6																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																			
Balsam Fir	Medium	Variable	Sapling																																																			
Tamarack	Medium	Variable	Sapling																																																			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
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.																																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>Red Maple</td><td>30</td><td>Log</td><td>16</td><td>109</td></tr> <tr><td>Balsam Fir</td><td>2</td><td>Pole</td><td>9</td><td></td></tr> <tr><td>Paper Birch</td><td>25</td><td>Log/Pole</td><td>10</td><td></td></tr> <tr><td>Northern White Cedar</td><td>15</td><td>Log/Pole</td><td>13</td><td></td></tr> <tr><td>Quaking Aspen</td><td>15</td><td>Log</td><td>12</td><td></td></tr> <tr><td>White Spruce</td><td>8</td><td>Log/Pole</td><td>13</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	30	Log	16	109	Balsam Fir	2	Pole	9		Paper Birch	25	Log/Pole	10		Northern White Cedar	15	Log/Pole	13		Quaking Aspen	15	Log	12		White Spruce	8	Log/Pole	13		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr><td>Sugar Maple</td><td>Low</td><td>Variable</td><td>Sapling</td></tr> <tr><td>Red Maple</td><td>Low</td><td>Variable</td><td>Sapling</td></tr> <tr><td>Tag Alder</td><td>Low</td><td>5 - 10 feet</td><td>Tall Shrub</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Sugar Maple	Low	Variable	Sapling	Red Maple	Low	Variable	Sapling	Tag Alder	Low	5 - 10 feet	Tall Shrub				
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Red Maple	30	Log	16	109																																																						
Balsam Fir	2	Pole	9																																																							
Paper Birch	25	Log/Pole	10																																																							
Northern White Cedar	15	Log/Pole	13																																																							
Quaking Aspen	15	Log	12																																																							
White Spruce	8	Log/Pole	13																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Sugar Maple	Low	Variable	Sapling																																																							
Red Maple	Low	Variable	Sapling																																																							
Tag Alder	Low	5 - 10 feet	Tall Shrub																																																							
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.																																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>Tamarack</td><td>35</td><td>Pole/Log</td><td>9</td><td>70</td></tr> <tr><td>Balsam Poplar</td><td>10</td><td>Log/Pole</td><td>10</td><td></td></tr> <tr><td>Balsam Fir</td><td>5</td><td>Pole</td><td>7</td><td></td></tr> <tr><td>Black Spruce</td><td>40</td><td>Pole</td><td>8</td><td>70</td></tr> <tr><td>Northern White Cedar</td><td>10</td><td>Pole/Log</td><td>9</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Tamarack	35	Pole/Log	9	70	Balsam Poplar	10	Log/Pole	10		Balsam Fir	5	Pole	7		Black Spruce	40	Pole	8	70	Northern White Cedar	10	Pole/Log	9																												
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Tamarack	35	Pole/Log	9	70																																																						
Balsam Poplar	10	Log/Pole	10																																																							
Balsam Fir	5	Pole	7																																																							
Black Spruce	40	Pole	8	70																																																						
Northern White Cedar	10	Pole/Log	9																																																							
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.																																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>Sugar Maple</td><td>80</td><td>Log/Pole</td><td>12</td><td>110</td></tr> <tr><td>Northern White Cedar</td><td>3</td><td>Log/Pole</td><td>11</td><td></td></tr> <tr><td>Hemlock</td><td>2</td><td>Log/Pole</td><td>12</td><td></td></tr> <tr><td>White Ash</td><td>15</td><td>Log/Pole</td><td>14</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	80	Log/Pole	12	110	Northern White Cedar	3	Log/Pole	11		Hemlock	2	Log/Pole	12		White Ash	15	Log/Pole	14		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr><td>Sugar Maple</td><td>Low</td><td>Variable</td><td>Sapling</td></tr> <tr><td>Ironwood</td><td>Low</td><td>Variable</td><td>Sapling</td></tr> <tr><td>White Ash</td><td>High</td><td>Variable</td><td>Sapling</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Sugar Maple	Low	Variable	Sapling	Ironwood	Low	Variable	Sapling	White Ash	High	Variable	Sapling														
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Sugar Maple	80	Log/Pole	12	110																																																						
Northern White Cedar	3	Log/Pole	11																																																							
Hemlock	2	Log/Pole	12																																																							
White Ash	15	Log/Pole	14																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Sugar Maple	Low	Variable	Sapling																																																							
Ironwood	Low	Variable	Sapling																																																							
White Ash	High	Variable	Sapling																																																							
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.																																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>Balsam Fir</td><td>4</td><td>Pole</td><td>8</td><td></td></tr> <tr><td>Tamarack</td><td>4</td><td>Pole/Log</td><td>9</td><td></td></tr> <tr><td>Balsam Poplar</td><td>2</td><td>Pole/Log</td><td>9</td><td></td></tr> <tr><td>Northern White Cedar</td><td>82</td><td>Log/Pole/XLog</td><td>11</td><td>171</td></tr> <tr><td>Black Spruce</td><td>8</td><td>Pole</td><td>8</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Balsam Fir	4	Pole	8		Tamarack	4	Pole/Log	9		Balsam Poplar	2	Pole/Log	9		Northern White Cedar	82	Log/Pole/XLog	11	171	Black Spruce	8	Pole	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr><td>Balsam Fir</td><td>Low</td><td>Variable</td><td>Sapling</td></tr> <tr><td>Tag Alder</td><td>Low</td><td>< 5 feet</td><td>Tall Shrub</td></tr> <tr><td>Northern White Cedar</td><td>Low</td><td>Variable</td><td>Sapling</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	Variable	Sapling	Tag Alder	Low	< 5 feet	Tall Shrub	Northern White Cedar	Low	Variable	Sapling									
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Balsam Fir	4	Pole	8																																																							
Tamarack	4	Pole/Log	9																																																							
Balsam Poplar	2	Pole/Log	9																																																							
Northern White Cedar	82	Log/Pole/XLog	11	171																																																						
Black Spruce	8	Pole	8																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Balsam Fir	Low	Variable	Sapling																																																							
Tag Alder	Low	< 5 feet	Tall Shrub																																																							
Northern White Cedar	Low	Variable	Sapling																																																							
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.																																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>Paper Birch</td><td>10</td><td>Pole</td><td>8</td><td></td></tr> <tr><td>Tamarack</td><td>5</td><td>Log/Pole</td><td>10</td><td></td></tr> <tr><td>Northern White Cedar</td><td>10</td><td>Log/Pole</td><td>10</td><td>137</td></tr> <tr><td>Black Spruce</td><td>40</td><td>Pole</td><td>8</td><td>87</td></tr> <tr><td>Red Maple</td><td>10</td><td>Pole/Log</td><td>9</td><td></td></tr> <tr><td>Quaking Aspen</td><td>25</td><td>Log/Pole</td><td>10</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	10	Pole	8		Tamarack	5	Log/Pole	10		Northern White Cedar	10	Log/Pole	10	137	Black Spruce	40	Pole	8	87	Red Maple	10	Pole/Log	9		Quaking Aspen	25	Log/Pole	10		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr><td>Balsam Fir</td><td>High</td><td>Variable</td><td>Sapling</td></tr> <tr><td>Alder</td><td>Medium</td><td>5 - 10 feet</td><td>Tall Shrub</td></tr> <tr><td>Tamarack</td><td>Medium</td><td>Variable</td><td>Sapling</td></tr> <tr><td>Black Spruce</td><td>Medium</td><td>Variable</td><td>Sapling</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	Variable	Sapling	Alder	Medium	5 - 10 feet	Tall Shrub	Tamarack	Medium	Variable	Sapling	Black Spruce	Medium	Variable	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Paper Birch	10	Pole	8																																																							
Tamarack	5	Log/Pole	10																																																							
Northern White Cedar	10	Log/Pole	10	137																																																						
Black Spruce	40	Pole	8	87																																																						
Red Maple	10	Pole/Log	9																																																							
Quaking Aspen	25	Log/Pole	10																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Balsam Fir	High	Variable	Sapling																																																							
Alder	Medium	5 - 10 feet	Tall Shrub																																																							
Tamarack	Medium	Variable	Sapling																																																							
Black Spruce	Medium	Variable	Sapling																																																							



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.																																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>Black Spruce</td><td>5</td><td>Pole</td><td>8</td><td></td></tr> <tr><td>Quaking Aspen</td><td>10</td><td>Pole/Log</td><td>9</td><td></td></tr> <tr><td>Balsam Fir</td><td>10</td><td>Pole/Log</td><td>8</td><td></td></tr> <tr><td>Northern White Cedar</td><td>10</td><td>Pole/Log</td><td>8</td><td></td></tr> <tr><td>Balsam Poplar</td><td>40</td><td>Log/Pole</td><td>10</td><td>60</td></tr> <tr><td>Paper Birch</td><td>20</td><td>Pole/Log</td><td>8</td><td></td></tr> <tr><td>Red Maple</td><td>5</td><td>Log/Pole</td><td>10</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	5	Pole	8		Quaking Aspen	10	Pole/Log	9		Balsam Fir	10	Pole/Log	8		Northern White Cedar	10	Pole/Log	8		Balsam Poplar	40	Log/Pole	10	60	Paper Birch	20	Pole/Log	8		Red Maple	5	Log/Pole	10		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr><td>Balsam Fir</td><td>Low</td><td>Variable</td><td>Sapling</td></tr> <tr><td>Balsam Poplar</td><td>Low</td><td>Variable</td><td>Sapling</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	Variable	Sapling	Balsam Poplar	Low	Variable	Sapling			
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Black Spruce	5	Pole	8																																																							
Quaking Aspen	10	Pole/Log	9																																																							
Balsam Fir	10	Pole/Log	8																																																							
Northern White Cedar	10	Pole/Log	8																																																							
Balsam Poplar	40	Log/Pole	10	60																																																						
Paper Birch	20	Pole/Log	8																																																							
Red Maple	5	Log/Pole	10																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Balsam Fir	Low	Variable	Sapling																																																							
Balsam Poplar	Low	Variable	Sapling																																																							
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.																																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>Black Spruce</td><td>15</td><td>Sapling</td><td>3</td><td>49</td></tr> <tr><td>Tamarack</td><td>20</td><td>Sapling</td><td>3</td><td></td></tr> <tr><td>Paper Birch</td><td>15</td><td>Sapling</td><td>3</td><td>49</td></tr> <tr><td>Balsam Fir</td><td>40</td><td>Sapling</td><td>2</td><td>49</td></tr> <tr><td>Balsam Poplar</td><td>10</td><td>Sapling</td><td>2</td><td>49</td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	15	Sapling	3	49	Tamarack	20	Sapling	3		Paper Birch	15	Sapling	3	49	Balsam Fir	40	Sapling	2	49	Balsam Poplar	10	Sapling	2	49	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr><td>Tag Alder</td><td>High</td><td>Variable</td><td>Tall Shrub</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	High	Variable	Tall Shrub																	
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Black Spruce	15	Sapling	3	49																																																						
Tamarack	20	Sapling	3																																																							
Paper Birch	15	Sapling	3	49																																																						
Balsam Fir	40	Sapling	2	49																																																						
Balsam Poplar	10	Sapling	2	49																																																						
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Tag Alder	High	Variable	Tall Shrub																																																							
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.																																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>Balsam Poplar</td><td>10</td><td>Pole/Log</td><td>8</td><td></td></tr> <tr><td>Northern White Cedar</td><td>60</td><td>Pole/Log</td><td>8</td><td>135</td></tr> <tr><td>Paper Birch</td><td>20</td><td>Pole/Log</td><td>8</td><td></td></tr> <tr><td>Balsam Fir</td><td>10</td><td>Pole/Log</td><td>8</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Balsam Poplar	10	Pole/Log	8		Northern White Cedar	60	Pole/Log	8	135	Paper Birch	20	Pole/Log	8		Balsam Fir	10	Pole/Log	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr><td>Balsam Fir</td><td>Low</td><td>Variable</td><td>Sapling</td></tr> <tr><td>Balsam Poplar</td><td>Low</td><td>Variable</td><td>Sapling</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	Variable	Sapling	Balsam Poplar	Low	Variable	Sapling																		
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Balsam Poplar	10	Pole/Log	8																																																							
Northern White Cedar	60	Pole/Log	8	135																																																						
Paper Birch	20	Pole/Log	8																																																							
Balsam Fir	10	Pole/Log	8																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Balsam Fir	Low	Variable	Sapling																																																							
Balsam Poplar	Low	Variable	Sapling																																																							
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.																																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>Northern White Cedar</td><td>20</td><td>XLog</td><td>18</td><td></td></tr> <tr><td>Black Cherry</td><td>10</td><td>Pole/Log</td><td>8</td><td></td></tr> <tr><td>Sugar Maple</td><td>55</td><td>Log/XLog/Pole</td><td>16</td><td>110</td></tr> <tr><td>Paper Birch</td><td>2</td><td>Log</td><td>10</td><td></td></tr> <tr><td>Yellow Birch</td><td>2</td><td>XLog</td><td>18</td><td></td></tr> <tr><td>White Spruce</td><td>6</td><td>Log/Pole</td><td>12</td><td></td></tr> <tr><td>Red Maple</td><td>5</td><td>Log/Pole</td><td>12</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	20	XLog	18		Black Cherry	10	Pole/Log	8		Sugar Maple	55	Log/XLog/Pole	16	110	Paper Birch	2	Log	10		Yellow Birch	2	XLog	18		White Spruce	6	Log/Pole	12		Red Maple	5	Log/Pole	12		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr><td>Sugar Maple</td><td>Low</td><td>Variable</td><td>Sapling</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Sugar Maple	Low	Variable	Sapling							
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Northern White Cedar	20	XLog	18																																																							
Black Cherry	10	Pole/Log	8																																																							
Sugar Maple	55	Log/XLog/Pole	16	110																																																						
Paper Birch	2	Log	10																																																							
Yellow Birch	2	XLog	18																																																							
White Spruce	6	Log/Pole	12																																																							
Red Maple	5	Log/Pole	12																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Sugar Maple	Low	Variable	Sapling																																																							
28	3102 - Grass	Nonstocked	1.7			No	Edges slowly filling in with trees.																																																			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																														
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.																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>8</td> <td>Log</td> <td>10</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>4</td> <td>Pole</td> <td>9</td> <td></td> </tr> <tr> <td>Balsam Poplar</td> <td>2</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>82</td> <td>Log</td> <td>10</td> <td>171</td> </tr> <tr> <td>Balsam Fir</td> <td>4</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	8	Log	10		Tamarack	4	Pole	9		Balsam Poplar	2	Pole/Log	9		Northern White Cedar	82	Log	10	171	Balsam Fir	4	Pole	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Low</td> <td>Variable</td> <td>Tall Shrub</td> </tr> <tr> <td>Northern White Cedar</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	Variable	Sapling	Tag Alder	Low	Variable	Tall Shrub	Northern White Cedar	Low	Variable	Sapling				
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Black Spruce	8	Log	10																																																		
Tamarack	4	Pole	9																																																		
Balsam Poplar	2	Pole/Log	9																																																		
Northern White Cedar	82	Log	10	171																																																	
Balsam Fir	4	Pole	8																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																		
Balsam Fir	Low	Variable	Sapling																																																		
Tag Alder	Low	Variable	Tall Shrub																																																		
Northern White Cedar	Low	Variable	Sapling																																																		
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.																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>95</td> <td>Log</td> <td>14</td> <td>110</td> </tr> <tr> <td>Basswood</td> <td>5</td> <td>Log</td> <td>16</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	95	Log	14	110	Basswood	5	Log	16		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Spruce</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Ironwood</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Spruce	Low	Variable	Sapling	Ironwood	Low	Variable	Sapling	Balsam Fir	Low	5 - 10 feet	Sapling																			
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Sugar Maple	95	Log	14	110																																																	
Basswood	5	Log	16																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																		
White Spruce	Low	Variable	Sapling																																																		
Ironwood	Low	Variable	Sapling																																																		
Balsam Fir	Low	5 - 10 feet	Sapling																																																		
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.																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Ash</td> <td>15</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>3</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>82</td> <td>Pole/Sapling</td> <td>5</td> <td>26</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Ash	15	Sapling	2		Black Cherry	3	Sapling	3		Quaking Aspen	82	Pole/Sapling	5	26	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Spruce</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black Cherry</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Sugar Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black Ash</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Spruce	Low	Variable	Sapling	Balsam Fir	Low	Variable	Sapling	Black Cherry	Medium	Variable	Sapling	Sugar Maple	Low	Variable	Sapling	Black Ash	Medium	Variable	Sapling						
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Black Ash	15	Sapling	2																																																		
Black Cherry	3	Sapling	3																																																		
Quaking Aspen	82	Pole/Sapling	5	26																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																		
White Spruce	Low	Variable	Sapling																																																		
Balsam Fir	Low	Variable	Sapling																																																		
Black Cherry	Medium	Variable	Sapling																																																		
Sugar Maple	Low	Variable	Sapling																																																		
Black Ash	Medium	Variable	Sapling																																																		
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.																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>100</td> <td>Log/Pole</td> <td>13</td> <td>110</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	100	Log/Pole	13	110	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Sugar Maple	Medium	Variable	Sapling																																
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Sugar Maple	100	Log/Pole	13	110																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																		
Sugar Maple	Medium	Variable	Sapling																																																		
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.																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>100</td> <td>Sapling</td> <td>1</td> <td>1</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	100	Sapling	1	1																																										
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Quaking Aspen	100	Sapling	1	1																																																	
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.																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>15</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>73</td> <td>Log/Pole</td> <td>10</td> <td>131</td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Balsam Poplar</td> <td>2</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	15	Pole	7		Northern White Cedar	73	Log/Pole	10	131	Paper Birch	5	Pole	8		Balsam Poplar	2	Log/Pole	10		Balsam Fir	5	Pole	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Low</td> <td>Variable</td> <td>Tall Shrub</td> </tr> <tr> <td>Northern White Cedar</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black Spruce</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Low	Variable	Tall Shrub	Northern White Cedar	Low	Variable	Sapling	Black Spruce	Low	Variable	Sapling	Balsam Fir	Low	Variable	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Black Spruce	15	Pole	7																																																		
Northern White Cedar	73	Log/Pole	10	131																																																	
Paper Birch	5	Pole	8																																																		
Balsam Poplar	2	Log/Pole	10																																																		
Balsam Fir	5	Pole	6																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																		
Tag Alder	Low	Variable	Tall Shrub																																																		
Northern White Cedar	Low	Variable	Sapling																																																		
Black Spruce	Low	Variable	Sapling																																																		
Balsam Fir	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																																		
		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Trace</td> <td>Variable</td> <td>Pole</td> </tr> <tr> <td>White Spruce</td> <td>Trace</td> <td>Variable</td> <td>Pole</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Trace	Variable	Pole	White Spruce	Trace	Variable	Pole																									
Sub-Canopy Species	Density	Avg. Height	Size																																					
Balsam Fir	Trace	Variable	Pole																																					
White Spruce	Trace	Variable	Pole																																					
41	4130 - Aspen	Poletimber Well	6.8	42	Unspecified	N/A	2024 - Aspen with lowland species mixed in.																																	
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Spruce</td> <td>7</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>3</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>90</td> <td>Pole</td> <td>8</td> <td>42</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Spruce	7	Pole/Log	9		Balsam Fir	3	Pole	7		Quaking Aspen	90	Pole	8	42	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	Variable	Sapling							
Canopy Species	% Cover	Size Class	DBH	Age																																				
White Spruce	7	Pole/Log	9																																					
Balsam Fir	3	Pole	7																																					
Quaking Aspen	90	Pole	8	42																																				
Sub-Canopy Species	Density	Avg. Height	Size																																					
Balsam Fir	Medium	Variable	Sapling																																					
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.																																	
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>21</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>2</td> <td>Log/Pole</td> <td>10</td> <td>137</td> </tr> <tr> <td>Tamarack</td> <td>10</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>67</td> <td>Sapling</td> <td>3</td> <td>24</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	21	Pole/Log	9		Northern White Cedar	2	Log/Pole	10	137	Tamarack	10	Sapling	3		Quaking Aspen	67	Sapling	3	24	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	Variable	Sapling		
Canopy Species	% Cover	Size Class	DBH	Age																																				
Black Spruce	21	Pole/Log	9																																					
Northern White Cedar	2	Log/Pole	10	137																																				
Tamarack	10	Sapling	3																																					
Quaking Aspen	67	Sapling	3	24																																				
Sub-Canopy Species	Density	Avg. Height	Size																																					
Balsam Fir	High	Variable	Sapling																																					
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.																																	
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>100</td> <td>Pole</td> <td>5</td> <td>25</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	100	Pole	5	25	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Sugar Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	5 - 10 feet	Sapling	Sugar Maple	Low	Variable	Sapling													
Canopy Species	% Cover	Size Class	DBH	Age																																				
Quaking Aspen	100	Pole	5	25																																				
Sub-Canopy Species	Density	Avg. Height	Size																																					
Balsam Fir	Medium	5 - 10 feet	Sapling																																					
Sugar Maple	Low	Variable	Sapling																																					
45	6120 - Lowland Cedar	Sawtimber Well	5.8	160	111-140	N/A	Cedar and associated swamp conifers. Very wet soils.																																	
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>7</td> <td>Pole</td> <td>9</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>86</td> <td>Log</td> <td>10</td> <td>160</td> </tr> <tr> <td>White Spruce</td> <td>7</td> <td>Pole</td> <td>9</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Balsam Fir	7	Pole	9		Northern White Cedar	86	Log	10	160	White Spruce	7	Pole	9		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Low</td> <td>Variable</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	Variable	Sapling	Tag Alder	Low	Variable	Tall Shrub			
Canopy Species	% Cover	Size Class	DBH	Age																																				
Balsam Fir	7	Pole	9																																					
Northern White Cedar	86	Log	10	160																																				
White Spruce	7	Pole	9																																					
Sub-Canopy Species	Density	Avg. Height	Size																																					
Balsam Fir	Low	Variable	Sapling																																					
Tag Alder	Low	Variable	Tall Shrub																																					
46	4130 - Aspen	Poletimber Well	9.9	35		N/A	Almost pure aspen. A trace amount of spruce and balsam. Stand looks healthy																																	
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>100</td> <td>Pole</td> <td>6</td> <td>35</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	100	Pole	6	35	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	Variable	Sapling																	
Canopy Species	% Cover	Size Class	DBH	Age																																				
Quaking Aspen	100	Pole	6	35																																				
Sub-Canopy Species	Density	Avg. Height	Size																																					
Balsam Fir	Low	Variable	Sapling																																					
47	6120 - Lowland Cedar	Poletimber Well	6.4	120		N/A	Cedar stand with a mix of lowland species.																																	
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Northern White Cedar</td> <td>85</td> <td>Pole/Log</td> <td>9</td> <td>120</td> </tr> <tr> <td>Black Spruce</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>5</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	85	Pole/Log	9	120	Black Spruce	10	Pole	8		Tamarack	5	Pole/Log	9																		
Canopy Species	% Cover	Size Class	DBH	Age																																				
Northern White Cedar	85	Pole/Log	9	120																																				
Black Spruce	10	Pole	8																																					
Tamarack	5	Pole/Log	9																																					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																														
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.																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>80</td> <td>Pole</td> <td>6</td> <td>36</td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>White Spruce</td> <td>5</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Balsam Poplar</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	80	Pole	6	36	Balsam Fir	5	Pole	5		White Spruce	5	Pole	5		Balsam Poplar	10	Pole	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Hazelnut (Beaked)</td> <td>Low</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Hazelnut (Beaked)	Low	< 5 feet	Tall Shrub	Tag Alder	Low	5 - 10 feet	Tall Shrub													
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Quaking Aspen	80	Pole	6	36																																																	
Balsam Fir	5	Pole	5																																																		
White Spruce	5	Pole	5																																																		
Balsam Poplar	10	Pole	6																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																		
Hazelnut (Beaked)	Low	< 5 feet	Tall Shrub																																																		
Tag Alder	Low	5 - 10 feet	Tall Shrub																																																		
49	6120 - Lowland Cedar	Poletimber Well	50.1	160		N/A																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Northern White Cedar</td> <td>60</td> <td>Pole</td> <td>8</td> <td>160</td> </tr> <tr> <td>Tamarack</td> <td>25</td> <td>Pole/Sapling</td> <td>8</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>15</td> <td>Pole</td> <td>7</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	60	Pole	8	160	Tamarack	25	Pole/Sapling	8		Black Spruce	15	Pole	7		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Northern White Cedar</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Low</td> <td>Variable</td> <td>Tall Shrub</td> </tr> <tr> <td>Tamarack</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	Variable	Sapling	Northern White Cedar	Low	Variable	Sapling	Tag Alder	Low	Variable	Tall Shrub	Tamarack	Low	Variable	Sapling										
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Northern White Cedar	60	Pole	8	160																																																	
Tamarack	25	Pole/Sapling	8																																																		
Black Spruce	15	Pole	7																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																		
Balsam Fir	Medium	Variable	Sapling																																																		
Northern White Cedar	Low	Variable	Sapling																																																		
Tag Alder	Low	Variable	Tall Shrub																																																		
Tamarack	Low	Variable	Sapling																																																		
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.																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>100</td> <td>Sapling</td> <td>1</td> <td>1</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	100	Sapling	1	1	Sapling stand. Some patchy spots but overall fully stocked. Scattered residual trees and rolling terrain in center of the stand.																																									
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Quaking Aspen	100	Sapling	1	1																																																	
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.																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>2</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>93</td> <td>Pole/Sapling</td> <td>7</td> <td>35</td> </tr> <tr> <td>White Spruce</td> <td>2</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>2</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>White Ash</td> <td>1</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	2	Pole	8		Quaking Aspen	93	Pole/Sapling	7	35	White Spruce	2	Pole	8		Black Cherry	2	Pole	7		White Ash	1	Pole	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Spruce</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Sugar Maple	Medium	Variable	Sapling	White Spruce	Low	Variable	Sapling	Balsam Fir	Low	Variable	Sapling				
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Red Maple	2	Pole	8																																																		
Quaking Aspen	93	Pole/Sapling	7	35																																																	
White Spruce	2	Pole	8																																																		
Black Cherry	2	Pole	7																																																		
White Ash	1	Pole	8																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																		
Sugar Maple	Medium	Variable	Sapling																																																		
White Spruce	Low	Variable	Sapling																																																		
Balsam Fir	Low	Variable	Sapling																																																		
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.																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>80</td> <td>Log/Pole</td> <td>10</td> <td>110</td> </tr> <tr> <td>White Ash</td> <td>10</td> <td>Pole</td> <td>9</td> <td></td> </tr> <tr> <td>Basswood</td> <td>10</td> <td>Log</td> <td>14</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	80	Log/Pole	10	110	White Ash	10	Pole	9		Basswood	10	Log	14		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Sugar Maple	Low	Variable	Sapling																						
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Sugar Maple	80	Log/Pole	10	110																																																	
White Ash	10	Pole	9																																																		
Basswood	10	Log	14																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																		
Sugar Maple	Low	Variable	Sapling																																																		
54	4130 - Aspen	Sapling Well	47.7	6	Immature	N/A	TCR 7/9/2018: Yellow Rock East Sale #003-15.																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>5</td> <td>Sapling</td> <td>1</td> <td>6</td> </tr> <tr> <td>Quaking Aspen</td> <td>95</td> <td>Sapling</td> <td>1</td> <td>6</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Balsam Fir	5	Sapling	1	6	Quaking Aspen	95	Sapling	1	6	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Hazelnut (Beaked)</td> <td>Low</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>White Spruce</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Ash</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Sugar Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Hazelnut (Beaked)	Low	< 5 feet	Tall Shrub	White Spruce	Low	Variable	Sapling	White Ash	Low	Variable	Sapling	Sugar Maple	Low	Variable	Sapling	2024 - 1-2" aspen stand with some scattered residual birch and hardwood trees.														
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Balsam Fir	5	Sapling	1	6																																																	
Quaking Aspen	95	Sapling	1	6																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																		
Hazelnut (Beaked)	Low	< 5 feet	Tall Shrub																																																		
White Spruce	Low	Variable	Sapling																																																		
White Ash	Low	Variable	Sapling																																																		
Sugar Maple	Low	Variable	Sapling																																																		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																											
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																																																											
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>15</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>78</td> <td>Sapling</td> <td>3</td> <td>18</td> </tr> <tr> <td>Sugar Maple</td> <td>2</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>White Ash</td> <td>2</td> <td>Sapling</td> <td>4</td> <td></td> </tr> <tr> <td>Ironwood</td> <td>3</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	15	Sapling	3		Quaking Aspen	78	Sapling	3	18	Sugar Maple	2	Sapling	3		White Ash	2	Sapling	4		Ironwood	3	Sapling/Pole	4																																				
Canopy Species	% Cover	Size Class	DBH	Age																																																														
Bigtooth Aspen	15	Sapling	3																																																															
Quaking Aspen	78	Sapling	3	18																																																														
Sugar Maple	2	Sapling	3																																																															
White Ash	2	Sapling	4																																																															
Ironwood	3	Sapling/Pole	4																																																															
56	6220 - Alder/willow	Nonstocked	8.0			No	Tag alder wetland																																																											
<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>High</td> <td></td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	High		Tall Shrub																																																									
Sub-Canopy Species	Density	Avg. Height	Size																																																															
Tag Alder	High		Tall Shrub																																																															
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.																																																											
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>21</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>50</td> <td>Log/Pole</td> <td>10</td> <td>137</td> </tr> <tr> <td>Tamarack</td> <td>29</td> <td>Log</td> <td>11</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	21	Pole/Log	9		Northern White Cedar	50	Log/Pole	10	137	Tamarack	29	Log	11		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tamarack</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tamarack	Medium	Variable	Sapling	Balsam Fir	Medium	Variable	Sapling																															
Canopy Species	% Cover	Size Class	DBH	Age																																																														
Black Spruce	21	Pole/Log	9																																																															
Northern White Cedar	50	Log/Pole	10	137																																																														
Tamarack	29	Log	11																																																															
Sub-Canopy Species	Density	Avg. Height	Size																																																															
Tamarack	Medium	Variable	Sapling																																																															
Balsam Fir	Medium	Variable	Sapling																																																															
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.																																																											
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>2</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>3</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>7</td> <td>Log/Pole</td> <td>10</td> <td>137</td> </tr> <tr> <td>Black Spruce</td> <td>73</td> <td>Pole</td> <td>8</td> <td>137</td> </tr> <tr> <td>Tamarack</td> <td>15</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	2	Log	12		Paper Birch	3	Pole/Log	9		Northern White Cedar	7	Log/Pole	10	137	Black Spruce	73	Pole	8	137	Tamarack	15	Log/Pole	10		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black Spruce</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Tamarack</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	Variable	Sapling	Black Spruce	Medium	Variable	Sapling	Alder	Low	5 - 10 feet	Tall Shrub	Tamarack	Low	Variable	Sapling													
Canopy Species	% Cover	Size Class	DBH	Age																																																														
Quaking Aspen	2	Log	12																																																															
Paper Birch	3	Pole/Log	9																																																															
Northern White Cedar	7	Log/Pole	10	137																																																														
Black Spruce	73	Pole	8	137																																																														
Tamarack	15	Log/Pole	10																																																															
Sub-Canopy Species	Density	Avg. Height	Size																																																															
Balsam Fir	Medium	Variable	Sapling																																																															
Black Spruce	Medium	Variable	Sapling																																																															
Alder	Low	5 - 10 feet	Tall Shrub																																																															
Tamarack	Low	Variable	Sapling																																																															
60	4130 - Aspen	Poletimber Well	24.1	35	51-80	N/A	Dense aspen stand. Small conifer patches scattered within.																																																											
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>83</td> <td>Pole/Sapling</td> <td>7</td> <td>35</td> </tr> <tr> <td>Black Cherry</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>White Ash</td> <td>3</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>2</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Ironwood</td> <td>3</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>White Spruce</td> <td>2</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>2</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	83	Pole/Sapling	7	35	Black Cherry	5	Pole	8		White Ash	3	Pole	5		Balsam Fir	2	Sapling	2		Ironwood	3	Sapling/Pole	4		White Spruce	2	Pole	6		Balsam Fir	2	Pole	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black Cherry</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Spruce</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Sugar Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	Variable	Sapling	Black Cherry	Low	Variable	Sapling	White Spruce	Low	Variable	Sapling	Sugar Maple	Low	Variable	Sapling			
Canopy Species	% Cover	Size Class	DBH	Age																																																														
Quaking Aspen	83	Pole/Sapling	7	35																																																														
Black Cherry	5	Pole	8																																																															
White Ash	3	Pole	5																																																															
Balsam Fir	2	Sapling	2																																																															
Ironwood	3	Sapling/Pole	4																																																															
White Spruce	2	Pole	6																																																															
Balsam Fir	2	Pole	6																																																															
Sub-Canopy Species	Density	Avg. Height	Size																																																															
Balsam Fir	Low	Variable	Sapling																																																															
Black Cherry	Low	Variable	Sapling																																																															
White Spruce	Low	Variable	Sapling																																																															
Sugar Maple	Low	Variable	Sapling																																																															



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																														
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.																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Tamarack</td> <td>9</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>20</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>65</td> <td>Log/Pole</td> <td>10</td> <td>137</td> </tr> <tr> <td>Paper Birch</td> <td>3</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>3</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Tamarack	9	Log/Pole	10		Black Spruce	20	Pole	8		Northern White Cedar	65	Log/Pole	10	137	Paper Birch	3	Pole/Sapling	5		Red Maple	3	Pole	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Black Spruce</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Tamarack</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Alder	Medium	5 - 10 feet	Tall Shrub	Black Spruce	Medium	Variable	Sapling	Tamarack	Medium	Variable	Sapling	Balsam Fir	High	Variable	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Tamarack	9	Log/Pole	10																																																		
Black Spruce	20	Pole	8																																																		
Northern White Cedar	65	Log/Pole	10	137																																																	
Paper Birch	3	Pole/Sapling	5																																																		
Red Maple	3	Pole	8																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																		
Alder	Medium	5 - 10 feet	Tall Shrub																																																		
Black Spruce	Medium	Variable	Sapling																																																		
Tamarack	Medium	Variable	Sapling																																																		
Balsam Fir	High	Variable	Sapling																																																		
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.																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Tamarack</td> <td>50</td> <td>Pole/Log/Sap</td> <td>9</td> <td>75</td> </tr> <tr> <td>Black Spruce</td> <td>40</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td>137</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Tamarack	50	Pole/Log/Sap	9	75	Black Spruce	40	Pole/Log	9		Northern White Cedar	10	Log/Pole	10	137	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tamarack</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tamarack	Medium	Variable	Sapling	Balsam Fir	Medium	Variable	Sapling																		
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Tamarack	50	Pole/Log/Sap	9	75																																																	
Black Spruce	40	Pole/Log	9																																																		
Northern White Cedar	10	Log/Pole	10	137																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																		
Tamarack	Medium	Variable	Sapling																																																		
Balsam Fir	Medium	Variable	Sapling																																																		
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																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Northern White Cedar</td> <td>95</td> <td>Log</td> <td>11</td> <td>100</td> </tr> <tr> <td>Black Spruce</td> <td>5</td> <td>Pole</td> <td>9</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	95	Log	11	100	Black Spruce	5	Pole	9		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Medium	10 - 20 feet	Sapling	Balsam Fir	Medium	10 - 20 feet	Sapling																							
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Northern White Cedar	95	Log	11	100																																																	
Black Spruce	5	Pole	9																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																		
Black Spruce	Medium	10 - 20 feet	Sapling																																																		
Balsam Fir	Medium	10 - 20 feet	Sapling																																																		
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																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Balsam Poplar</td> <td>20</td> <td>Sapling</td> <td>3</td> <td>14</td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>55</td> <td>Sapling</td> <td>4</td> <td>14</td> </tr> <tr> <td>White Spruce</td> <td>15</td> <td>Sapling</td> <td>3</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Balsam Poplar	20	Sapling	3	14	Balsam Fir	10	Sapling	3		Quaking Aspen	55	Sapling	4	14	White Spruce	15	Sapling	3		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	Variable	Sapling																	
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Balsam Poplar	20	Sapling	3	14																																																	
Balsam Fir	10	Sapling	3																																																		
Quaking Aspen	55	Sapling	4	14																																																	
White Spruce	15	Sapling	3																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																		
Balsam Fir	Medium	Variable	Sapling																																																		
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.																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>95</td> <td>Pole</td> <td>7</td> <td>36</td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	95	Pole	7	36	Balsam Fir	5	Pole	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Hazelnut (Beaked)</td> <td>Low</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Sugar Maple</td> <td>Trace</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	5 - 10 feet	Sapling	Hazelnut (Beaked)	Low	< 5 feet	Tall Shrub	Sugar Maple	Trace	10 - 20 feet	Sapling																			
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Quaking Aspen	95	Pole	7	36																																																	
Balsam Fir	5	Pole	6																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																		
Balsam Fir	Low	5 - 10 feet	Sapling																																																		
Hazelnut (Beaked)	Low	< 5 feet	Tall Shrub																																																		
Sugar Maple	Trace	10 - 20 feet	Sapling																																																		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
68	6120 - Lowland Cedar	Sawtimber Poor	62.3	100	1-50	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Black Spruce		5	Pole	7		Northern White Cedar	
Balsam Fir		5	Pole	6		Tag Alder	
Northern White Cedar		90	Log	10	100	Balsam Fir	
						Black Spruce	
						Density	
						Avg. Height	
						Size	
						Sapling	
						Tall Shrub	
						Sapling	
						Sapling	
70	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 or aspen saplings.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
White Spruce		5	Sapling	1		Sugar Maple	
Quaking Aspen		80	Sapling	1	6		
Balsam Fir		5	Sapling	1	6		
Sugar Maple		10	Sapling	1			
						Density	
						Avg. Height	
						Size	
						Sapling	
71	4130 - Aspen	Poletimber Well	7.5	35	81-110	N/A	Small aspen strip along the road where it crossed the lowlands.
Canopy Species		% Cover	Size Class	DBH	Age		
Balsam Fir		5	Pole/Sapling	6			
White Spruce		10	Log/Pole	12			
Red Maple		5	Log/Pole	10			
Quaking Aspen		80	Pole	7	35		
73	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.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Northern White Cedar		10	Pole/Log	8	110	Northern White Cedar	
Tamarack		30	Pole/Sapling	6		Balsam Fir	
Black Spruce		60	Pole/Sapling	6	80	Black Spruce	
						Density	
						Avg. Height	
						Size	
						Sapling	
						Sapling	
						Sapling	
74	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.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Black Spruce		30	Pole/Sap/Log	8		Northern White Cedar	
Northern White Cedar		40	Log/Pole	10	110	Black Spruce	
Tamarack		30	Pole/Log	8		Balsam Fir	
						Density	
						Avg. Height	
						Size	
						Sapling	
						Sapling	
						Sapling	
75	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.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Tamarack		34	Pole/Log	7		Balsam Fir	
Black Spruce		21	Pole	7		Northern White Cedar	
Northern White Cedar		45	Pole/Log	7	94	Black Spruce	
						Density	
						Avg. Height	
						Size	
						Sapling	
						Sapling	
						Sapling	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																												
76	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																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>20</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Black Ash</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>65</td> <td>Pole/Log</td> <td>9</td> <td>137</td> </tr> <tr> <td>Paper Birch</td> <td>10</td> <td>Pole</td> <td>7</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	20	Pole	8		Black Ash	5	Pole	6		Northern White Cedar	65	Pole/Log	9	137	Paper Birch	10	Pole	7		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Alder	Medium	5 - 10 feet	Tall Shrub	Balsam Fir	Medium	Variable	Sapling	<p>9/17/2020: Lake to Lake CISMA treated this area to remove phragmites. Cedar with associated swamp conifers.</p>										
Canopy Species	% Cover	Size Class	DBH	Age																																															
Black Spruce	20	Pole	8																																																
Black Ash	5	Pole	6																																																
Northern White Cedar	65	Pole/Log	9	137																																															
Paper Birch	10	Pole	7																																																
Sub-Canopy Species	Density	Avg. Height	Size																																																
Alder	Medium	5 - 10 feet	Tall Shrub																																																
Balsam Fir	Medium	Variable	Sapling																																																
77	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.																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>31</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>39</td> <td>Pole/Log</td> <td>8</td> <td>94</td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>10</td> <td>Pole/Log</td> <td>8</td> <td>94</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	10	Log/Pole	10		Black Spruce	31	Pole/Log	8		Tamarack	39	Pole/Log	8	94	Red Maple	10	Log/Pole	10		Northern White Cedar	10	Pole/Log	8	94	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black Spruce</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Northern White Cedar</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	Variable	Sapling	Black Spruce	Low	Variable	Sapling	Northern White Cedar	Low	Variable	Sapling		
Canopy Species	% Cover	Size Class	DBH	Age																																															
Quaking Aspen	10	Log/Pole	10																																																
Black Spruce	31	Pole/Log	8																																																
Tamarack	39	Pole/Log	8	94																																															
Red Maple	10	Log/Pole	10																																																
Northern White Cedar	10	Pole/Log	8	94																																															
Sub-Canopy Species	Density	Avg. Height	Size																																																
Balsam Fir	Low	Variable	Sapling																																																
Black Spruce	Low	Variable	Sapling																																																
Northern White Cedar	Low	Variable	Sapling																																																
78	6122 - Black Spruce	Poletimber Well	18.6	80	Unspecified	N/A	Mostly spruce with some tamarack and cedar mixed in.																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>70</td> <td>Pole/Sap/Log</td> <td>8</td> <td>80</td> </tr> <tr> <td>Northern White Cedar</td> <td>5</td> <td>Pole/Log</td> <td>8</td> <td>110</td> </tr> <tr> <td>Tamarack</td> <td>25</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	70	Pole/Sap/Log	8	80	Northern White Cedar	5	Pole/Log	8	110	Tamarack	25	Pole/Log	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Northern White Cedar</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black Spruce</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Northern White Cedar	Low	Variable	Sapling	Balsam Fir	Low	Variable	Sapling	Black Spruce	Low	Variable	Sapling												
Canopy Species	% Cover	Size Class	DBH	Age																																															
Black Spruce	70	Pole/Sap/Log	8	80																																															
Northern White Cedar	5	Pole/Log	8	110																																															
Tamarack	25	Pole/Log	8																																																
Sub-Canopy Species	Density	Avg. Height	Size																																																
Northern White Cedar	Low	Variable	Sapling																																																
Balsam Fir	Low	Variable	Sapling																																																
Black Spruce	Low	Variable	Sapling																																																
79	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.																																												
80	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.																																												
81	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																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>10</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>15</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Balsam Poplar</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>60</td> <td>Pole</td> <td>6</td> <td>35</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	10	Pole	5		Quaking Aspen	15	Pole	5		Paper Birch	5	Pole	5		Balsam Poplar	10	Pole	6		Balsam Fir	60	Pole	6	35																				
Canopy Species	% Cover	Size Class	DBH	Age																																															
Black Spruce	10	Pole	5																																																
Quaking Aspen	15	Pole	5																																																
Paper Birch	5	Pole	5																																																
Balsam Poplar	10	Pole	6																																																
Balsam Fir	60	Pole	6	35																																															



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

82	6132 - Mixed Lowland Forest with Cedar	Sawtimber Well	10.2	65	81-110	N/A	Mature stand of lowland aspen and conifers. Wet soils.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Quaking Aspen		26	Log	12	65	Tag Alder	
Balsam Poplar		30	Log	12	65	Balsam Fir	
Balsam Fir		12	Pole	9			
Northern White Cedar		20	Pole/Log	9	160		
White Spruce		12	Pole	9			

83	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.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
White Ash		80	Sapling	3	30	Tag Alder	
Balsam Fir		10	Sapling	3			
Black Spruce		10	Sapling/Pole	4			

84	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.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Paper Birch		5	Pole	9		Tag Alder	
Red Maple		5	Pole	8			
Tamarack		5	Log/Pole	10			
Quaking Aspen		5	Log	12			
Black Spruce		20	Pole	8			
Northern White Cedar		60	Log	10	92		

85	3102 - Grass	Nonstocked	1.0	0		No	Small grassy opening with knapweed.
-----------	--------------	------------	-----	---	--	----	-------------------------------------

86	3102 - Grass	Nonstocked	1.6	0		No	Grassy opening.
-----------	--------------	------------	-----	---	--	----	-----------------

87	3102 - Grass	Nonstocked	1.1	0		No	Grassy opening.
-----------	--------------	------------	-----	---	--	----	-----------------

88	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
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Northern White Cedar		5	Pole	8		Sugar Maple	
Balsam Fir		5	Sapling	1	6	Red Maple	
Quaking Aspen		60	Sapling	1	6	White Spruce	
Sugar Maple		20	Pole	5		White Ash	
Paper Birch		10	Sapling	1	6		



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

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
Tamarack	20	Pole/Log	9		Tag Alder	Low	< 5 feet	Tall Shrub
Quaking Aspen	21	Log	12		Northern White Cedar	Low	Variable	Sapling
Balsam Fir	4	Pole	8		Balsam Fir	Low	Variable	Sapling
Black Spruce	40	Pole	8	80				
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 Apsen stand with areas of pole size hardwood.

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