



# Compartment Review Presentation

Gwinn Forest Management Unit

Compartment 32293

Entry Year 2026

Acreage: 1,314

County Marquette

Management Area: Menominee-Marquette

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**Stand Examiner:** Kyle Gould

**Legal Description:**

T46N-R23W, Sections 4, 5 & 6.

**Identified Planning Goals:**

Harvest older stands of aspen, birch and spruce/fir to encourage regeneration of these species. Selectively harvest northern hardwood types to improve quality and promote regeneration.

**Soil and topography:**

Soils are very poorly drained organic soils and poorly drained loamy soils. Glacial drainage ways, till plains and ground moraines form topography that is nearly level to moderately steep.

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

This compartment is part of a large block of state ownership that contains a few small non-industrial private ownerships. Land use is primarily for forest product production and recreation.

**Unique Natural Features:**

Mixed lowland habitats support a variety of less common ground flora in this compartment.

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

There are known concerns within the compartment. All proposed management activities have taken these concerns into consideration.

**Special Management Designations or Considerations:**

Timber management operations will be limited to a winter harvest to protect the soils within this compartment.

**Watershed and Fisheries Considerations:**

Fisheries Values: Good

Fisheries Concerns: This compartment contains sections of LeVassuer Creek, East Branch LeVassuer Creek and in the west section the Chocolay River. The Chocolay River is a designated trout stream that receives runs of salmon and steelhead. Stand 8 along the Chocolay River calls for a selection cut and needs to include a no cut buffer of the river at a minimum of 100 feet. Stands 19 and 27 each contain a small component of aspen. The prescribed clear-cuts need to buffer LeVassuer Creek and East Branch LeVassuer Creek at a minimum of 150 feet. Both streams have potential for resident brook trout.

**Wildlife Habitat Considerations:**

This compartment is found within the Menominee-Marquette Management Area, on a Till-floored Lake Plain in northeastern Marquette County. The dominant Natural Communities are mesic northern forest and poor conifer swamps. Major forest cover types include Northern Hardwoods, Aspen, and Hemlock. Wildlife species considerations in the Sand River Lake Plain Man include managing to provide coniferous thermal cover for deer wintering complexes. The emphasis should be on hemlock in this management area as it represents approximately 20% of the WUP hemlock resource. Along with maintaining wildlife movement corridors along vernal and permanent riparian watercourses is also very important. Wildlife management issues in the management area are habitat fragmentation; coarse woody debris; retain or develop large living and dead standing trees (for cavities); mesic conifer; mature forest; within-stand diversity; and deer wintering complexes.

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

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

Surface sediments consist of an end moraine of coarse-textured till sometimes thin to discontinuous over bedrock and minor lacustrine (lake) clay and silt. The glacial drift thickness varies between 10 and 50 feet. The Precambrian Jacobsville Sandstone subcrops below the glacial drift. The Jacobsville was previously used as a building stone. Gravel Pit #58 is located in Section 5 and potential is good. This compartment has never been leased for metallic exploration. There is no

economic oil and gas production in the UP.

**Vehicle Access:**

Vehicle access to the southern portion of this compartment is good by way of a paved county road (Yalmer Road). An abandoned railroad grade provides limited access to a portion of the West side of the compartment. Camp 4 road is a two track maintained by the state but is currently in poor condition due to beaver activity.

**Survey Needs:**

Survey is needed in the Southeastern end of the compartment along stands 39, 40, and 41.

**Recreational Facilities and Opportunities:**

There is no developed recreation in this area. The heaviest public use is for hunting and trapping.

**Fire Protection:**

Fire occurrence is low in this area due to wet soils. Access would be difficult within the interior if a fire were to occur off of the main roads within this compartment.

**Additional Compartment Information:**

The following reports from the Inventory are attached:

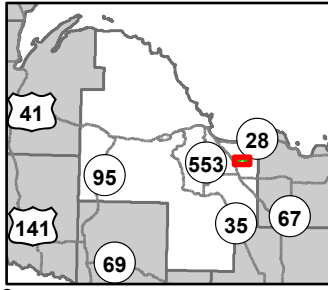
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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: 32293  
 T46N, R23W, Sec: 4-6  
 County: Marquette  
 Unit: Gwinn  
 Mgmt Area: Menominee-  
 Marquette  
 YOE: 2026  
 Acres: 1313.8 GIS Calculated  
 Examiner: Kyle Gould  
 Map Revised: 08/16/2024  
 Map Phase: Web - Post



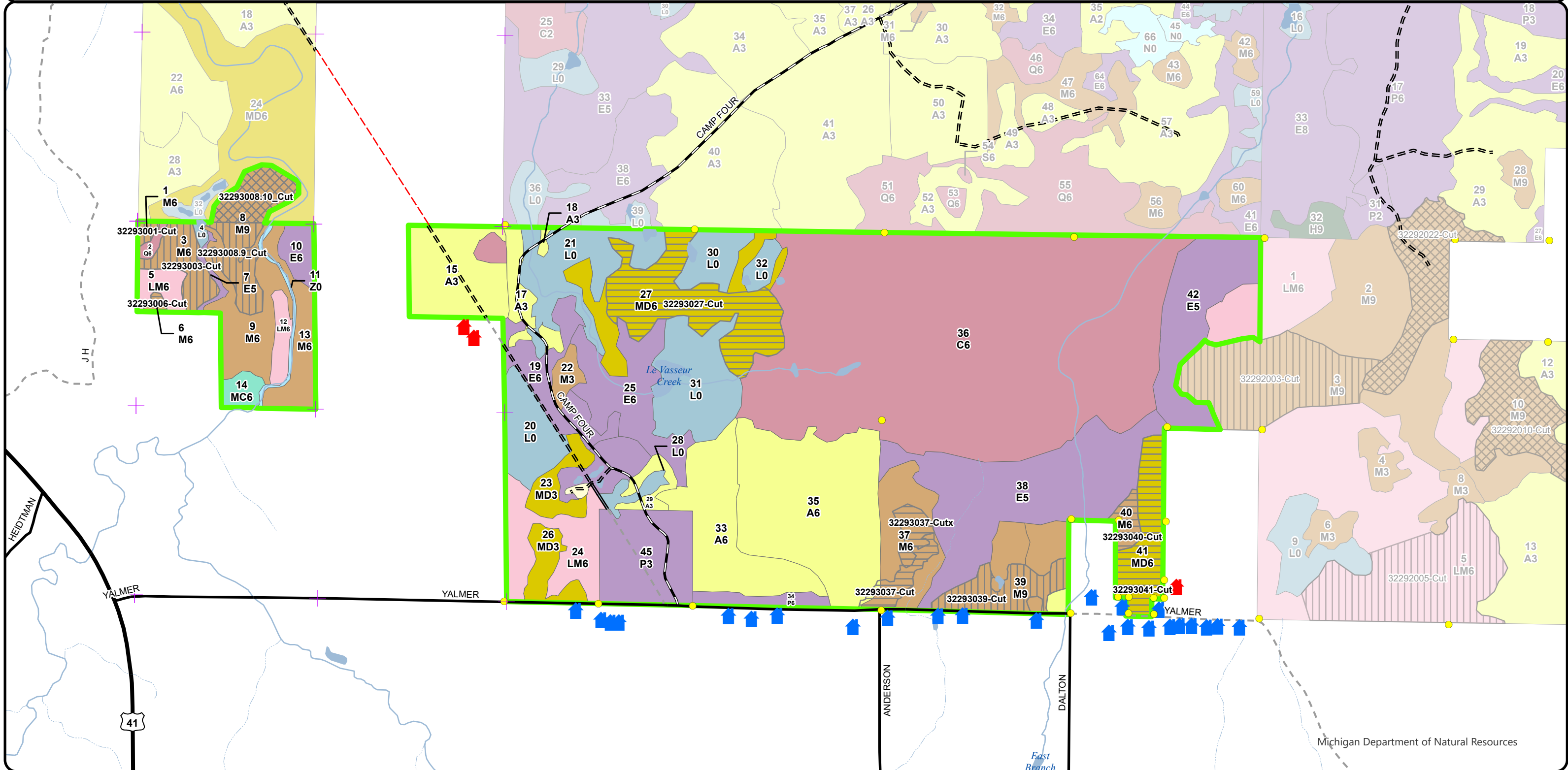
0 0.5 1 Miles

- Cabin
- House
- Survey Grade Corners
- Remonumented Section Corners
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route

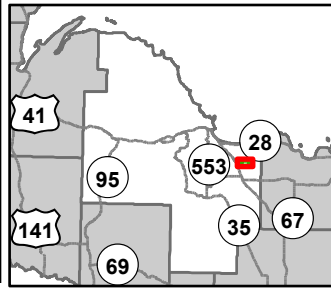
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers

- Compartment Boundary
- Counties
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Shelter Wood (w/Reserves)
- 411 - Northern Hardwood
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous

- 429 - Mixed Upland Conifers
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 500 - Water
- 622 - Lowland Shrub
- 710 - Sand/Soil



Stand Boundary Map



Compartment: 32293  
 T46N, R23W, Sec: 4-6  
 County: Marquette  
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 Mgmt Area: Menominee-  
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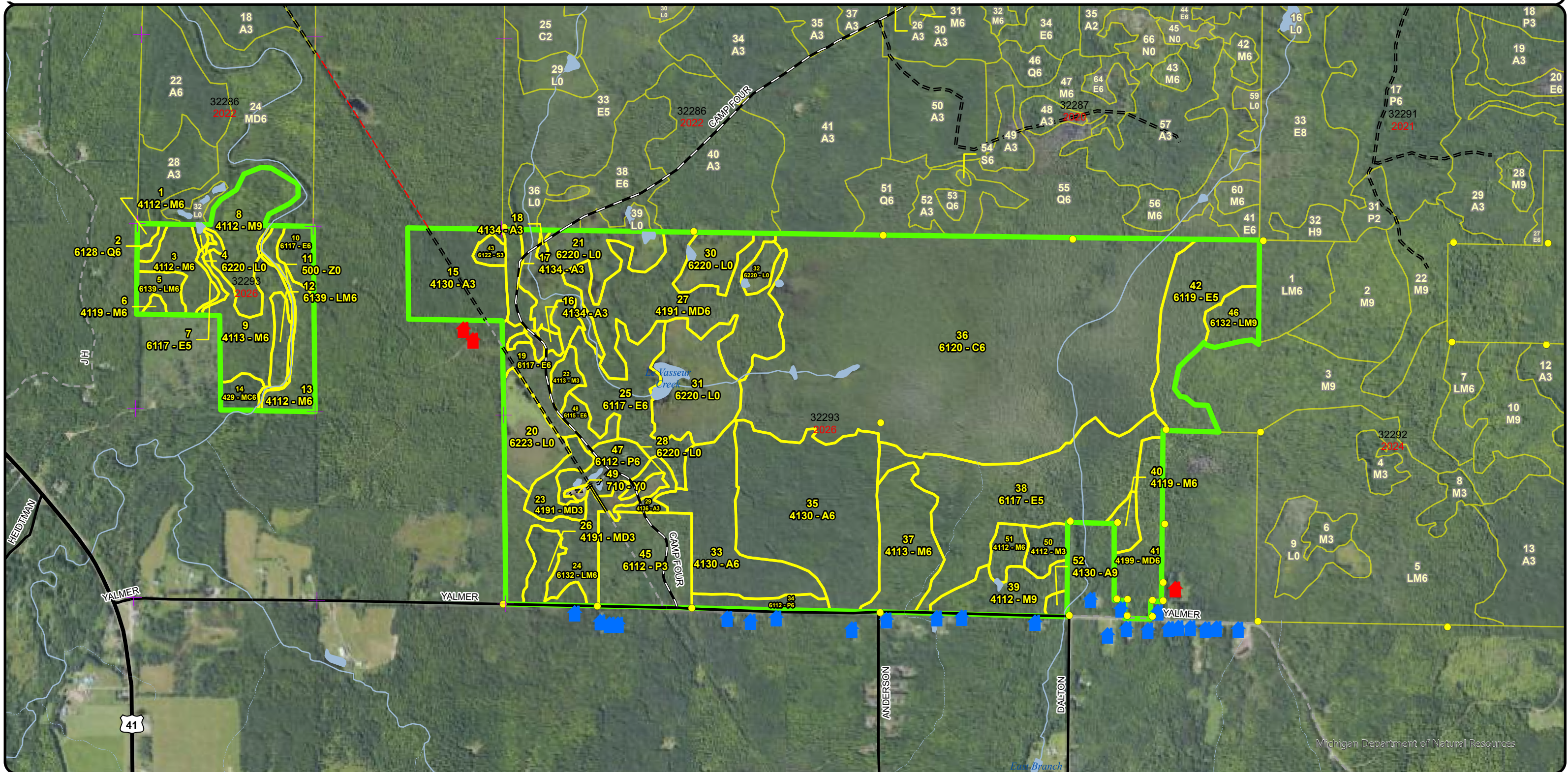


- Cabin
- House
- Survey Grade Corners
- Remonumented Section Corners
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route

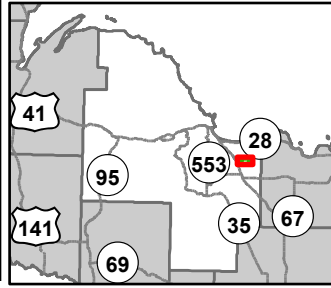
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Intermittent Stream
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- Compartment Boundary
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- Stand Boundaries
- 411 - Northern Hardwood
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- 429 - Mixed Upland Conifers
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- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 500 - Water
- 622 - Lowland Shrub
- 710 - Sand/Soil
- State Forests



**Special Conservation Areas  
& Site Conditions Map**



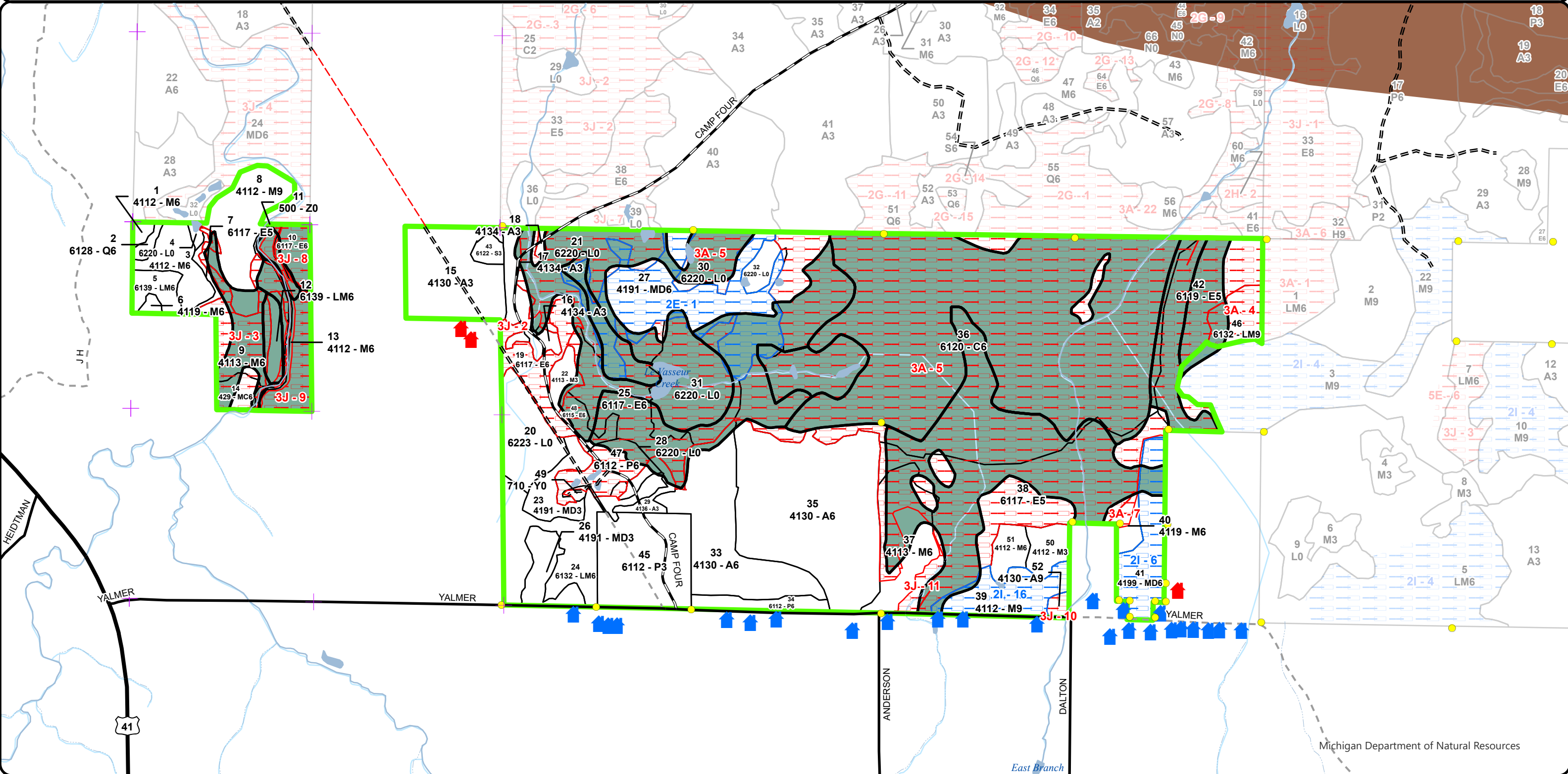
Compartment: 32293  
 T46N, R23W, Sec: 4-6  
 County: Marquette  
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 Map Phase: Web - Post



- Cabin
- House
- Survey Grade Corners
- Remonumented Section Corners
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road

- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Counties
- SCA
- Available w/ Constraints

- Unavailable
- 2E: Road needed
- 2I: Survey needed
- 3A: Conservation Values incompatible with harvest at this time
- 3J: Water quality / BMPs (stream, river, or lake)
- Stand Boundaries
- Cold Water Streams
- Deer Winter Range
- Vernal Pool



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	0	19	85	93	0	0	2	0	0	0	0	0	0	0	0	0	0	199
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	370	0	370
Lowland Aspen/Balsam Poplar	0	0	39	8	0	14	0	0	0	0	0	0	0	0	0	0	0	0	61
Lowland Conifers	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
Lowland Deciduous	0	0	0	0	0	0	0	44	0	17	144	0	0	0	0	0	0	0	205
Lowland Mixed Forest	0	0	0	0	0	0	0	44	0	0	12	0	0	0	0	0	0	0	56
Lowland Shrub	122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	122
Lowland Spruce/Fir	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Mixed Upland Deciduous	0	0	23	0	0	0	0	25	0	0	66	0	0	0	0	0	0	0	113
Northern Hardwood	0	0	14	0	0	0	0	6	0	0	152	0	0	0	0	0	0	0	172
Sand, Soil	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Upland Conifers	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	6
Water	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
<b>Total</b>	<b>126</b>	<b>0</b>	<b>95</b>	<b>96</b>	<b>93</b>	<b>14</b>	<b>6</b>	<b>123</b>	<b>0</b>	<b>17</b>	<b>374</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>370</b>	<b>0</b>	<b>1313</b>



## Report 2 – Treatment Summary

Gwinn Mgt. Unit

Year of Entry: 2026

Acres of Harvest

Compartment 293

Total Compartment Acres: 1,314

Commercial Harvest - 59  
 Harvests with Site Condition - 100  
 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
Mixed Upland Deciduous	76	0	0	0	0	0	0	0	0	76
Northern Hardwood	21	14	0	0	49	0	0	0	0	84
<b>Total</b>	<b>96</b>	<b>14</b>	<b>0</b>	<b>0</b>	<b>49</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>160</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	160	0	0	0	0	0	0	0	0	160
Next Step	0	0	0	0	0	0	160	0	0	160
<b>Total</b>	<b>160</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>160</b>	<b>0</b>	<b>0</b>	<b>319</b>



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

<b>1</b>	<b>32293001-Cut</b>	1.8	4112 - Maple, Beech, Cherry Association	Poletimber Well	95	81-110	Harvest	Shelterwood	4319 - Mixed Upland Forest	Two-Aged	No
<p><u>Prescription</u> Leave all cedar, hemlock, and white pine. Mark additional trees to 30-40 BA. Retain some of every species. Leave some large Bigtooth</p> <p><u>Specs:</u> Aspen in the stand if present.</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> Winter harvest due to wet areas in stand access route.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											
<b>3</b>	<b>32293003-Cut</b>	14.2	4112 - Maple, Beech, Cherry Association	Poletimber Well	95	81-110	Harvest	Shelterwood	4319 - Mixed Upland Forest	Two-Aged	No
<p><u>Prescription</u> Leave all cedar, hemlock, and white pine. Mark additional trees to 30-40 BA. Retain some of every species. Leave some large Bigtooth</p> <p><u>Specs:</u> Aspen in the stand if present.</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> Winter harvest due to wet areas in access route.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											
<b>6</b>	<b>32293006-Cut</b>	1.4	4119 - Mixed Northern Hardwoods	Poletimber Well	95	81-110	Harvest	Clearcut	4319 - Mixed Upland Forest	Even-Aged	No
<p><u>Prescription</u> Clearcut. Leave cedar, hemlock, and white pine. No retention due to small stand size.</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> Winter cut due to wet soils in access route.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											





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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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8 32293008.10_Cut	14.4	4112 - Maple, Beech, Cherry Association	Sawtimber Well	95	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
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Prescription Mark to 50-70 BA. Release areas of advanced regeneration and make gaps to encourage new regeneration. Winter harvest due to wet areas in access route. Cut all merchantable spruce and fir. Retain all cedar and hemlock.

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

Acceptable Any species currently found on site.  
Regen:

Other Buffer river and keep treatment on top of the ridge along the river.  
Comment:

Site Condition

Proposed Start Date: 10/1 /2025

8 32293008.9_Cut	13.7	4112 - Maple, Beech, Cherry Association	Sawtimber Well	95	111-140	Harvest	Shelterwood	4319 - Mixed Upland Forest	Two-Aged	No
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Prescription Leave all cedar, hemlock, and white pine. Mark additional trees to 30-40 BA. Retain some of every species.

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

Acceptable Any species currently found on site.  
Regen:

Other Winter harvest due to wet soils in stand access route.  
Comment:

Site Condition

Proposed Start Date: 10/1 /2025

27 32293027-Cut	50.7	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	96	81-110	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	No
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Prescription Clearcut with retention. Treatment area may vary significantly based on ground conditions. Leave cedar, hemlock, and white pine. Exclude areas with very wet soils as retention. Access from the north off camp 4 road. Winter harvest only. Some mats may be needed and a temporary road into the stand is needed. Some road work will be needed on camp 4 road. There is a gravel pit nearby.

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

Acceptable Any species currently found on site.  
Regen:

Other Access will be from the north through stand 38 of compartment 286. There is a dry ridge between wetlands that will work to build a road to access the stand.  
Comment:

Site Condition Road Needed

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
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<b>37</b>	<b>32293037-Cutx</b>	6.2	4113 - R.Maple, Conifer	Poletimber Well	96	111-140	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	No Cut
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Prescription Clearcut. Leave retention along Levasseur Creek. Leave cedar, hemlock, yellow birch, and white pine. Buffer LeVasseur creek 100 feet.  
Specs:  
Next Step Monitoring, Natural Regen (Re-Inventory)  
Treatments:  
Acceptable Maple, aspen, birch, lowland conifers.  
Regen:  
Other  
Comment:  
Site Condition  
Proposed Start Date: 10/1 /2025

<b>39</b>	<b>32293039-Cut</b>	19.2	4112 - Maple, Beech, Cherry Association	Sawtimber Well	96	81-110	Harvest	Shelterwood	4319 - Mixed Upland Forest	Even-Aged	No Cut
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Prescription Leave cedar, hemlock, yellow birch, and white pine. Leave tree mark additional trees to reach 30-40 BA. Exclude the old gravel pit and areas with wet soils. The treatment has been adjusted to account for these areas.  
Specs:  
Next Step Monitoring, Natural Regen (Re-Inventory)  
Treatments:  
Acceptable Any species currently found on site.  
Regen:  
Other Mark a few aspen in the west end to limit sprouting near the creek.  
Comment:  
Site Condition Survey Needed  
Proposed Start Date: 10/1 /2025

<b>40</b>	<b>32293040-Cut</b>	5.5	4119 - Mixed Northern Hardwoods	Poletimber Well	69	81-110	Harvest	Clearcut	4319 - Mixed Upland Forest	Even-Aged	No Cut
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Prescription Clear-cut. Leave cedar and hemlock. Leave yellow birch over 10" at dbh. Winter cut due to wet areas and wet access road. Mark to leave some white ash.  
Specs:  
Next Step Monitoring, Natural Regen (Re-Inventory)  
Treatments:  
Acceptable Northern hardwood, aspen, birch, lowland conifers  
Regen:  
Other No retention due to small stand size and large ERA adjacent to the stand.  
Comment:  
Site Condition Conservation Values  
Proposed Start Date: 10/1 /2025

**Approved Treatments:**

<b>37</b>	<b>32293037-Cut</b>	7.4	4113 - R.Maple, Conifer	Poletimber Well	96	111-140	Harvest	Clearcut with Retention	4115 - Y.Birch, Hemlock NH	Even-Aged	No Cut
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Prescription Final harvest retaining the pines, hemlock, and yellow birch, black cherry, cedar and white ash.  
Specs:  
Next Step Monitoring, Natural Regen (Re-Inventory)  
Treatments:  
Acceptable Maple, spruce, balsam, pine, aspen, birch and cherry.  
Regen:  
Other Consider retaining a few larger trees along Yalmer Road for aesthetics. Old next step comments: Check regeneration per work instructions.  
Comment:  
Site Condition



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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Proposed Start Date: 10/1 /2025

41	32293041-Cut	25.1	4199 - Other Mixed Upland Deciduous	Poletimber Well	65	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Clearcut retaining cedar, hemlock. Winter harvest.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Maple, spruce, balsam, pine, aspen, birch and cherry.

Regen:

Other Immature aspen stand treated solely to add acres to MA plan timber target shortfall. Old next step comments: Monitor regeneration per  
Comment: Work Instructions.

Site Condition Survey Needed

Proposed Start Date: 10/1 /2025

**Total Treatment  
Acreage Proposed: 159.6**

## Report 4 – Site Conditions

Gwinn Mgt. Unit  
Kyle Gould : Examiner

Compartment: 293  
Year of Entry: 2026

### Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions			
		With Condition	Not Available		2E	2I	3A	3J
199	197	0	2	Aspen			0	2
370	0	0	370	Cedar			370	
61	47	0	14	Lowland Aspen/Balsam Poplar			14	
2	2	0	0	Lowland Conifers				
206	4	0	202	Lowland Deciduous			177	24
56	43	0	12	Lowland Mixed Forest			11	1
122	34	0	88	Lowland Shrub			88	0
3	3	0	0	Lowland Spruce/Fir				
114	22	91	0	Mixed Upland Deciduous	66	25	0	
171	89	21	61	Northern Hardwood		21	17	44
1	1	0	0	Sand, Soil			0	
6	0	0	6	Upland Conifers				6
3	2	0	1	Water				1
1,314	445	112	757	Total Forested Acres	66	46	678	79
	34%	9%	58%	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	Available	2E: Road needed	66	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
2	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	17	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Stream runs through stand which is also flooded from beaver activity.							

## Report 4 – Site Conditions

Gwinn Mgt. Unit  
Kyle Gould : Examiner

Compartment: 293  
Year of Entry: 2026

3	<b>Unavailable</b>	<b>3J: Water quality / BMPs (stream, river, or lake)</b>	33	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
4	<b>Unavailable</b>	<b>3A: Conservation Values incompatible with harvest at this time</b>	11	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> MNFI rich conifer swamp. Not an ERA.							
5	<b>Unavailable</b>	<b>3A: Conservation Values incompatible with harvest at this time</b>	665	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> BSA: Le Vasseur Creek Core Interior Habitat Area							
6	<b>Available</b>	<b>2I: Survey needed</b>	25	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
7	<b>Unavailable</b>	<b>3A: Conservation Values incompatible with harvest at this time</b>	2	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Proposed ERA for Natural Community EO							
8	<b>Unavailable</b>	<b>3J: Water quality / BMPs (stream, river, or lake)</b>	7	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

**Report 4 – Site Conditions**

Gwinn Mgt. Unit  
 Kyle Gould : Examiner

Compartment: 293  
 Year of Entry: 2026

9	<b>Unavailable</b>	<b>3J: Water quality / BMPs (stream, river, or lake)</b>	14	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
10	<b>Unavailable</b>	<b>3J: Water quality / BMPs (stream, river, or lake)</b>	2	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Buffer East Branch Levasseur Creek.							
11	<b>Unavailable</b>	<b>3J: Water quality / BMPs (stream, river, or lake)</b>	5	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
16	<b>Available</b>	<b>2I: Survey needed</b>	21	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments

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### Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

Conservation Area	Type	Description
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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<b>1</b>	4112 - Maple, Beech, Cherry Association	Poletimber Well	1.8	95	81-110	N/A	Final harvest if can get access.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Balsam Fir		5	Pole	7		Balsam Fir	Medium
Bigtooth Aspen		5	Pole	9		Red Maple	Low
Red Maple		85	Pole/Log	9	95		>20 feet
White Spruce		5	Pole	9			Sapling

<b>2</b>	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	2.1	69	81-110	N/A	Narrow strip with wet soils, a drain, and cedar
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Red Maple		18	Pole	7		Balsam Fir	Medium
White Spruce		10	Pole	9		Tag Alder	Low
Black Ash		7	Pole	7		Hemlock	Low
Hemlock		10	Pole/Log	9			5 - 10 feet
Northern White Cedar		30	Pole	8	69		Sapling
Balsam Fir		20	Pole	7			
Yellow Birch		5	Pole/Log	8			

<b>3</b>	4112 - Maple, Beech, Cherry Association	Poletimber Well	14.2	95	81-110	N/A	Final harvest if can get access. Trace amount of white pine and hemlock.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Red Maple		87	Pole/Log	9	95	Red Maple	Low
White Spruce		5	Pole	9		Balsam Fir	Medium
Bigtooth Aspen		5	Pole	8			5 - 10 feet
Balsam Fir		3	Pole	7			Sapling

<b>4</b>	6220 - Alder/willow	Nonstocked	1.2			No	
<b>Sub-Canopy Species</b>		<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>			
Red Maple		Trace		Pole			
Balsam Fir		Low		Sapling			
Tag Alder		High		Tall Shrub			

<b>5</b>	6139 - Mixed Lowland Forest	Poletimber Well	7.5	69	81-110	N/A	Wet ground. Mostly pole sized trees. Not ready to harvest.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Balsam Fir		15	Pole	6		Balsam Fir	Medium
White Spruce		10	Pole	9		Black Ash	Low
Black Ash		10	Pole	6		Tag Alder	Medium
Red Maple		35	Pole	7	69	Red Maple	Medium
Hemlock		10	Log/Pole	10			10 - 20 feet
Yellow Birch		5	Pole	8			Sapling
Northern White Cedar		15	Pole	8	69		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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<b>6</b>	4119 - Mixed Northern Hardwoods	Poletimber Well	1.4	95	81-110	N/A	Final harvest if can get access.
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Canopy Species	% Cover	Size Class	DBH	Age
White Spruce	10	Pole	9	
Red Maple	70	Pole/Log	9	95
Bigtooth Aspen	5	Pole	9	
Paper Birch	10	Pole	7	
Balsam Fir	5	Pole	7	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	10 - 20 feet	Sapling
Balsam Fir	Medium	5 - 10 feet	Sapling

<b>7</b>	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Medium	2.2	69	81-110	N/A	Wet Drain.
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Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	5	Pole	8	69
Hemlock	5	Pole	9	
Black Ash	5	Pole	7	
Red Maple	50	Pole	7	69
Balsam Fir	20	Pole	7	
Yellow Birch	5	Log/Pole	12	
White Spruce	10	Pole	9	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	10 - 20 feet	Sapling
Tag Alder	Medium	5 - 10 feet	Tall Shrub
Balsam Fir	Low	5 - 10 feet	Sapling

<b>8</b>	4112 - Maple, Beech, Cherry Association	Sawtimber Well	29.1	95	111-140	N/A	Select cut if can get access.
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Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	37	Log/Pole	11	
Paper Birch	5	Pole	9	
Red Maple	48	Log	13	95
Hemlock	5	Log	14	
White Spruce	5	Pole/Log	9	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	10 - 20 feet	Sapling
Sugar Maple	Low	10 - 20 feet	Sapling
Balsam Fir	Low	5 - 10 feet	Sapling

<b>9</b>	4113 - R.Maple, Conifer	Poletimber Well	24.9	95	111-140	N/A	SCA = Riparian zone protection on the Chocolay River watershed.2024 - Very wet soils in most areas. Mist timber is mid sized poles
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Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	5	Pole	9	
White Spruce	5	Pole	9	
Balsam Fir	15	Pole	6	
Sugar Maple	5	Log/Pole	10	
Hemlock	10	Log/Pole	12	
Yellow Birch	5	Log/Pole	12	
Red Maple	50	Pole	7	95
Paper Birch	5	Pole	9	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Medium	10 - 20 feet	Sapling
Balsam Fir	Low	5 - 10 feet	Sapling
Sugar Maple	Low	10 - 20 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**10** 6117 - Lowland Deciduous, Mixed Coniferous Poletimber Well 8.1 95 81-110 N/A SCA = Riparian zone protection in the Chocolay River watershed.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	40	Pole/Log	8	95
White Ash	5	Pole	8	
Northern White Cedar	5	Pole	8	
Black Ash	20	Pole/Log	8	
Balsam Fir	15	Pole	6	
Hemlock	5	Log	13	
White Spruce	10	Pole/Log	8	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	5 - 10 feet	Sapling
Tag Alder	Medium	5 - 10 feet	Tall Shrub
Black Ash	Low	10 - 20 feet	Sapling

**11** 500 - Water Nonstocked 3.2 No Chocolay River.

**12** 6139 - Mixed Lowland Forest Poletimber Well 6.7 69 81-110 N/A SCA = Riparian zone protection on the Chocolay River watershed.2024 - very wet ground, lots of drains coming from the higher ground to the west going to the river

Canopy Species	% Cover	Size Class	DBH	Age
Hemlock	5	Log	14	
Yellow Birch	5	Pole	7	
Balsam Fir	25	Pole	7	
White Pine	3	Log	14	
Red Maple	30	Pole	7	69
Black Ash	5	Pole	6	
White Pine	5	Pole	7	
White Spruce	15	Pole	9	
White Ash	5	Log/Pole	11	
Northern White Cedar	2	Pole	8	69

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	5 - 10 feet	Sapling
Tag Alder	Medium	5 - 10 feet	Tall Shrub
Red Maple	Low	10 - 20 feet	Sapling

**13** 4112 - Maple, Beech, Cherry Association Poletimber Well 18.1 95 111-140 N/A SCA = Riparian zone protection on the Chocolay River.Hardwood stand with conifer mixed in

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	5	Pole	7	
White Spruce	10	Pole	9	
Red Maple	60	Pole/Log	9	95
Sugar Maple	25	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	10 - 20 feet	Sapling
Balsam Fir	Medium	5 - 10 feet	Sapling
Hazelnut (Beaked)	Medium	5 - 10 feet	Tall Shrub

**14** 429 - Mixed Upland Conifers Poletimber Well 5.8 54 51-80 N/A Upland stand with mixed conifer and hardwood. There is a sharp ridge down to the river. Evidence of recent beaver activity. There are a few very large white pine near the river.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	5	Pole	8	
Balsam Fir	30	Pole	7	54
White Spruce	25	Pole/Log	9	
Red Maple	20	Pole	9	
White Pine	20	Pole/Log/XLog	8	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	5 - 10 feet	Sapling
Balsam Fir	Medium	5 - 10 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**15** 4130 - Aspen Sapling Well 36.8 25 51-80 N/A Harvested in 1999: TS# 14-96-01.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	5	Sapling/Pole	4		Red Maple	Medium	5 - 10 feet	Sapling
Northern White Cedar	3	Pole	6		White Pine	Low	5 - 10 feet	Sapling
Red Maple	13	Sapling	1		Balsam Fir	Medium	5 - 10 feet	Sapling
Paper Birch	2	Sapling	2		Willow spp.	Medium	5 - 10 feet	Tall Shrub
White Pine	2	Pole/Log/Sap	9		Choke Cherry	Low	5 - 10 feet	Tall Shrub
Quaking Aspen	70	Sapling	3	25	Tag Alder	Medium	5 - 10 feet	Tall Shrub
Balsam Poplar	5	Sapling	3					

**16** 4134 - Aspen, Spruce/Fir Sapling Well 1.9 14 Immature N/A Harvested in 2010.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	2	Sapling	1		Hazelnut (Beaked)	Low	< 5 feet	Tall Shrub
Quaking Aspen	50	Sapling	3	14	Choke Cherry	Low	5 - 10 feet	Tall Shrub
Black Cherry	3	Pole	7		Willow spp.	Low	< 5 feet	Tall Shrub
Red Maple	20	Sapling	3					
Balsam Fir	20	Sapling/Pole	3					
Yellow Birch	5	Pole	6					

2024 - Nice fully stocked stand of aspen with a mix of other species. A few hemlock were left during the last harvest. This was part of stand 17 and treated at the same time.

**17** 4134 - Aspen, Spruce/Fir Sapling Well 9.3 14 Immature N/A Harvested in 2010. 2024 - Nice fully stocked stand of aspen with a mix of other species. A few hemlock were left during the last harvest.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	20	Sapling/Pole	3		Choke Cherry	Low	5 - 10 feet	Tall Shrub
Black Cherry	3	Pole	7		Willow spp.	Low	< 5 feet	Tall Shrub
Quaking Aspen	50	Sapling	3	14	Hazelnut (Beaked)	Low	< 5 feet	Tall Shrub
Red Maple	20	Sapling	3					
Yellow Birch	5	Pole	6					
Sugar Maple	2	Sapling	1					

**18** 4134 - Aspen, Spruce/Fir Sapling Well 1.1 14 N/A Harvested in 2010.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	2	Sapling	2		Hazelnut (Beaked)	Low	< 5 feet	Tall Shrub
Yellow Birch	5	Pole	6		Willow spp.	Low	< 5 feet	Tall Shrub
Red Maple	30	Sapling	2		Choke Cherry	Low	5 - 10 feet	Tall Shrub
Black Cherry	3	Pole	7					
Quaking Aspen	40	Sapling	2	14				
Balsam Fir	20	Sapling/Pole	3					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**19** 6117 - Lowland Deciduous, Mixed Coniferous Poletimber Well 17.2 80 81-110 N/A This is a very wet stand. It is mature. Would require cold winter to harvest.

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	17	Pole	7	
Yellow Birch	3	Pole	7	
Black Ash	40	Pole	6	80
White Spruce	10	Pole	8	
Balsam Fir	8	Pole	6	
Quaking Aspen	2	Pole	7	
Red Maple	20	Pole	7	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	5 - 10 feet	Sapling
Balsam Fir	Medium	5 - 10 feet	Sapling
Black Ash	Low	>20 feet	Sapling
Tag Alder	Medium	5 - 10 feet	Tall Shrub
Dogwood (spp.)	Medium	5 - 10 feet	Tall Shrub

**20** 6223 - Inundated Shrub Swamp Nonstocked 21.3 No Wetland area. Beaver activity causing damage to the road (old grade) on the east side.

Sub-Canopy Species	Density	Avg. Height	Size
Black Ash	Low		Pole
Balsam Fir	Low		Sapling
Red Maple	Low		Pole
Tag Alder	Medium		Tall Shrub
Willow spp.	Medium		Tall Shrub

**21** 6220 - Alder/willow Nonstocked 37.0 No Group of beaver floodings and open marsh.

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low		Pole
Balsam Fir	Low		Sapling
Cattail spp.	Low		Non-Wood
Willow spp.	Low		Tall Shrub
Black Ash	Low		Pole
Tag Alder	High		Tall Shrub

**22** 4113 - R.Maple, Conifer Sapling Well 5.5 14 Immature N/A Harvested in 2010.

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	3	Pole	6	
Hemlock	2	Pole	7	
Quaking Aspen	15	Sapling	2	
Yellow Birch	2	Pole	7	
Red Maple	60	Sapling	2	14
Balsam Fir	18	Sapling	1	

Sub-Canopy Species	Density	Avg. Height	Size
Choke Cherry	Low	< 5 feet	Tall Shrub



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**23** 4191 - Mixed Upland Deciduous with Conifer Sapling Well 11.1 14 Immature N/A Harvested in 2010. 2024 - mixed stand of lowland and Upland species. Some areas are wet. Some white pine and hemlock were left after the 2010 harvest

Canopy Species	% Cover	Size Class	DBH	Age
White Ash	3	Pole	7	
Northern White Cedar	10	Pole	7	
Hemlock	5	Pole	8	
Yellow Birch	3	Pole	8	
Balsam Fir	11	Sapling	3	
Black Cherry	3	Pole	8	
Red Maple	30	Sapling	2	
Quaking Aspen	35	Sapling	2	14

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	< 5 feet	Sapling
Choke Cherry	Low	5 - 10 feet	Tall Shrub

**24** 6132 - Mixed Lowland Forest with Cedar Poletimber Well 30.1 60 51-80 N/A Portions of this stand were cut in 1970. Several water courses flow through tis area. Trees are somewhat stunted. Small diameter for the age of the stand. Soils are very wet and would take a long stretch of cold weather to conduct a harvest.

Canopy Species	% Cover	Size Class	DBH	Age
White Spruce	15	Pole	7	
Yellow Birch	3	Pole	7	
White Ash	10	Pole/Sapling	6	
Quaking Aspen	10	Pole	6	
Balsam Fir	10	Pole/Sapling	5	
Red Maple	23	Pole	7	60
Black Ash	7	Pole/Sapling	6	
Northern White Cedar	20	Pole	6	
Hemlock	2	Pole/Log	9	

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Low	5 - 10 feet	Tall Shrub
Black Ash	Low	10 - 20 feet	Sapling
Red Maple	Low	10 - 20 feet	Sapling
Hemlock	Low	5 - 10 feet	Sapling
Balsam Fir	High	10 - 20 feet	Sapling

**25** 6117 - Lowland Deciduous, Mixed Coniferous Poletimber Well 35.9 69 51-80 N/A SCA = Riparian protection. Area is braided with water courses and drains.

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	15	Pole	7	
Black Ash	10	Pole	7	69
Quaking Aspen	21	Pole/Sap/Log	7	
Paper Birch	7	Pole	6	
Black Spruce	7	Pole	5	
Red Maple	35	Pole/Log	9	69

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	5 - 10 feet	Sapling
Balsam Fir	Medium	5 - 10 feet	Sapling
Tag Alder	Medium	5 - 10 feet	Tall Shrub
Black Ash	Medium	5 - 10 feet	Sapling
Northern White Cedar	Low	5 - 10 feet	Sapling

2024 - More upland than most of the stands surrounding. Mostly pole size trees trees that are not ready for harvest. There is a drain near the northeast edge of the stand.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**26** 4191 - Mixed Upland Deciduous with Conifer Sapling Well 11.4 12 Immature N/A Harvested in 2012: TS# 301-06-01.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	15	Sapling/Pole	4	
Northern White Cedar	8	Pole	7	
Hemlock	2	Pole	7	
Red Maple	27	Sapling	2	
Black Cherry	3	Pole/Sapling	7	
White Pine	1	Log/Pole	10	
Quaking Aspen	44	Sapling	2	12

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	< 5 feet	Sapling
Choke Cherry	Low	< 5 feet	Tall Shrub

**27** 4191 - Mixed Upland Deciduous with Conifer Poletimber Well 66.4 96 81-110 N/A

Difficult to access stand. If accessed from the north off camp 4 road there is a narrow ridge between the floodings that could be used with a minimal amount of mats. The middle portion of the stand is Upland with lowland pockets. The stand is mature. Pole and log size red maple with a mix of other species.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	56	Pole/Log	8	96
Paper Birch	5	Pole	7	
Balsam Fir	12	Pole	7	
Black Spruce	5	Pole	7	
Quaking Aspen	8	Pole	9	
White Spruce	12	Pole	9	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	High	10 - 20 feet	Sapling
Red Maple	Low	10 - 20 feet	Sapling
Tag Alder	Low	5 - 10 feet	Tall Shrub
Serviceberry (Juneberry)	Low	5 - 10 feet	Tall Shrub
Hazelnut (Beaked)	Medium	< 5 feet	Tall Shrub

**28** 6220 - Alder/willow Nonstocked 4.8 No Open, wet area with a few small black spruce

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	Medium	Variable	Sapling
Black Ash	Low		Pole
Willow spp.	Medium		Tall Shrub
Willow spp.	Medium		Tall Shrub
Balsam Fir	Low		Sapling
Red Maple	Low		Pole
Tag Alder	High		Tall Shrub
Willow spp.	Medium		Tall Shrub

**29** 4136 - Aspen, Mixed Conifer Sapling Well 6.5 14 N/A Harvested in 2010.2024 - Stand is stocked with a mix of aspen and other species. Trees are nearing merchantable size.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	25	Sapling	1	
White Ash	2	Pole	6	
Balsam Fir	10	Sapling	2	
Hemlock	3	Pole	9	
Northern White Cedar	10	Pole/Sapling	7	
Quaking Aspen	50	Sapling	1	14

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	< 5 feet	Sapling
Choke Cherry	Low	5 - 10 feet	Tall Shrub



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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30	6220 - Alder/willow	Nonstocked	13.9			No	Open water and marsh grass				
								Sub-Canopy Species	Density	Avg. Height	Size
								Black Ash	Low	Variable	Pole
								Red Maple	Low	Variable	Pole
								Tag Alder	High	5 - 10 feet	Tall Shrub
								Balsam Fir	Low	5 - 10 feet	Pole
Willow spp.	Medium	5 - 10 feet	Tall Shrub								

31	6220 - Alder/willow	Nonstocked	37.9			No	Large flooding with beaver activity on the west end.				
								Sub-Canopy Species	Density	Avg. Height	Size
								Tag Alder	High	5 - 10 feet	Tall Shrub
								Red Maple	Trace	Variable	Pole
								Black Ash	Low	Variable	Sapling
Balsam Fir	Medium	Variable	Sapling								

32	6220 - Alder/willow	Nonstocked	5.4			No					
								Sub-Canopy Species	Density	Avg. Height	Size
								Balsam Fir	Low	5 - 10 feet	Sapling
								Tag Alder	High	Variable	Tall Shrub
								Black Ash	Low	Variable	Pole
Red Maple	Low	Variable	Pole								

33	4130 - Aspen	Poletimber Well	48.5	27	1-50	N/A	Harvested in 1997: TS# 21-96. Mostly Upland but some wet areas. Old road from camp 4 is the best management access									
								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
								Bigtooth Aspen	5	Sapling/Pole	4		Red Maple	Medium	5 - 10 feet	Sapling
								Balsam Fir	5	Sapling	3		Balsam Fir	Low	< 5 feet	Sapling
								Paper Birch	5	Sapling	2		Tag Alder	Low	5 - 10 feet	Tall Shrub
								Red Maple	10	Sapling	3		Choke Cherry	Low	5 - 10 feet	Tall Shrub
								Quaking Aspen	75	Pole/Sapling	5	27	Willow spp.	Low	5 - 10 feet	Tall Shrub

34	6112 - Lowland Aspen	Poletimber Well	8.1	26	1-50	N/A	Stand partially cut in 1998: TS# 21-96. All softwood retain to act as a visual buffer along Yalmer Road.									
								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
								Quaking Aspen	60	Pole	5	26	Red Maple	Medium	5 - 10 feet	Sapling
								Northern White Cedar	5	Pole	7		Quaking Aspen	High	10 - 20 feet	Sapling
								Balsam Fir	15	Pole/Sapling	5		Balsam Fir	High	5 - 10 feet	Sapling
								Hemlock	5	Log/Pole	10		Hemlock	Low	5 - 10 feet	Sapling
								Paper Birch	2	Pole	5					
								Red Maple	10	Sapling/Pole	4					
								White Ash	3	Pole/Sapling	5					





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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<b>35</b>	4130 - Aspen	Poletimber Well	93.0	33	51-80	N/A	Harvested in 1990: TS# 12-86. Mostly upland but contains significant wet areas. Old road can be seen on the ground and imagery to the stand from camp 4 could be used again when harvesting again.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Paper Birch	5	Sapling	4		Balsam Fir	Medium	5 - 10 feet	Sapling		
Bigtooth Aspen	10	Sapling/Pole	4		Tag Alder	Medium	5 - 10 feet	Tall Shrub		
Balsam Fir	5	Sapling/Pole	4		Willow spp.	Low	5 - 10 feet	Tall Shrub		
Balsam Poplar	5	Sapling	3		Hazelnut (Beaked)	Low	< 5 feet	Tall Shrub		
White Spruce	2	Pole	8		Red Maple	Medium	10 - 20 feet	Sapling		
Quaking Aspen	65	Pole	6	33	Black Ash	Low	10 - 20 feet	Sapling		
Black Ash	2	Sapling	4							
Red Maple	6	Sapling/Pole	4							

<b>36</b>	6120 - Lowland Cedar	Poletimber Well	369.8	163	111-140	N/A	SCA = Riparian protection. Area is braided with streams and other water courses. LeVasseur Creek runs through the stand.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Black Ash	27	Pole	6		Balsam Fir	Medium	10 - 20 feet	Sapling		
Red Maple	2	Pole	7		Northern White Cedar	Low	5 - 10 feet	Sapling		
White Ash	3	Pole	8		Black Ash	Medium	>20 feet	Sapling		
Balsam Fir	3	Pole	6		Tag Alder	Medium	5 - 10 feet	Tall Shrub		
Northern White Cedar	65	Pole/Log	8	163	Dogwood (spp.)	Low	5 - 10 feet	Tall Shrub		

<b>37</b>	4113 - R.Maple, Conifer	Poletimber Well	34.1	96	111-140	N/A	Stand of maple on wet ground and a mix of other species. There are some scattered large white pine and cedar. The stand is mature.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
White Ash	2	Pole	8		Red Maple	Low	10 - 20 feet	Sapling		
Black Cherry	2	Pole	7		Hemlock	Low	10 - 20 feet	Sapling		
Balsam Fir	5	Pole	6		Balsam Fir	High	10 - 20 feet	Sapling		
White Spruce	3	Pole	9		Northern White Cedar	Low	>20 feet	Pole		
Northern White Cedar	7	Pole	7							
Quaking Aspen	2	Pole	9							
Red Maple	52	Pole/Log	8	96						
Hemlock	7	Log/Pole	12							
Sugar Maple	2	Pole	7							
White Pine	3	XLog	18							
Yellow Birch	10	Pole/Log	9							
Black Ash	5	Pole	7							



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**38** 6117 - Lowland Deciduous, Mixed Coniferous Poletimber Medium 91.1 96 51-80 N/A

SCA = Riparian protection. Braided with streams and other watercourses. Contains beaver meadows and larger tag alder inclusions. Very wet. Two branches of LeVasseur Creek run through the stand south to north.

Canopy Species	% Cover	Size Class	DBH	Age
Hemlock	5	Log/Pole	10	
Black Ash	45	Pole	7	96
Yellow Birch	5	Log/Pole	10	
White Ash	10	Pole/Log	8	
Red Maple	20	Pole/Log	8	
Balsam Fir	5	Pole	6	
Black Spruce	5	Pole	9	

Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	Low	>20 feet	Sapling
Black Ash	Low	10 - 20 feet	Sapling
Willow spp.	Low	< 5 feet	Tall Shrub
Tag Alder	High	5 - 10 feet	Tall Shrub

**39** 4112 - Maple, Beech, Cherry Association Sawtimber Well 20.8 96 81-110 N/A

Log-sized hardwood stand heavy to red maple. Medium quality. Stand is mature. There is a wetter patch in the Southeast corner and an old gravel pit in the middle north part of the stand. There is patchy fir in the understory and a small pocket of aspen in the southwest corner of the stand.

Canopy Species	% Cover	Size Class	DBH	Age
Hemlock	5	Log/Pole	12	
Red Maple	70	Log/Pole	12	96
Quaking Aspen	5	Log/Pole	11	
Sugar Maple	15	Log/Pole	11	96
Yellow Birch	5	Pole/Log	9	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	< 5 feet	Sapling
Sugar Maple	Medium	5 - 10 feet	Sapling
Hemlock	Low	< 5 feet	Sapling
Red Maple	Medium	5 - 10 feet	Sapling

**40** 4119 - Mixed Northern Hardwoods Poletimber Well 5.5 69 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Hemlock	10	Log/Pole	10	
Red Maple	49	Log/Pole	10	69
Sugar Maple	10	Pole	9	
White Spruce	5	Pole	8	
White Ash	10	Pole	7	
Yellow Birch	3	Log/Pole	10	
Northern White Cedar	8	Pole	8	
Balsam Fir	5	Pole	5	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Medium	10 - 20 feet	Sapling
Red Maple	Medium	10 - 20 feet	Sapling
Ironwood	Low	10 - 20 feet	Sapling
Northern White Cedar	Low	>20 feet	Pole
Balsam Fir	Medium	10 - 20 feet	Sapling
Hemlock	Low	5 - 10 feet	Sapling

**41** 4199 - Other Mixed Upland Deciduous Poletimber Well 25.1 65 81-110 N/A

Mixed aspen and hardwood stand. Lowland conifers mixed in as well. Areas of lower stocking and pole sized trees. Very wet soils in some areas. Ash in wet spots is dying.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	30	Pole	6	
White Spruce	5	Pole	8	
Balsam Fir	13	Pole	5	
Red Maple	47	Pole	8	65
Black Ash	5	Pole	7	

Sub-Canopy Species	Density	Avg. Height	Size
American Elm	Low	5 - 10 feet	Sapling
Red Maple	Low	10 - 20 feet	Sapling
Black Ash	Low	5 - 10 feet	Sapling
Balsam Fir	High	10 - 20 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**42** 6119 - Mixed Lowland Deciduous Forest Poletimber Medium 44.6 96 51-80 N/A SCA = Riparian protection. Area is braided with streams and other water courses. Heavy to ash and other lowland species. soils are very wet.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Ash	10	Pole/Log	8		Balsam Fir	Low	5 - 10 feet	Sapling
Red Maple	30	Pole/Log	8		Northern White Cedar	Low	5 - 10 feet	Sapling
Northern White Cedar	10	Pole	8		Dogwood (spp.)	Medium	5 - 10 feet	Tall Shrub
Balsam Fir	5	Pole	6		Black Ash	Medium	10 - 20 feet	Sapling
Black Ash	40	Pole	7	96				
Yellow Birch	3	Pole	7					
Hemlock	2	Log/Pole	10					

**43** 6122 - Black Spruce Sapling Well 3.4 25 N/A Harvested in 1999: TS# 14-96-01.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	5	Sapling/Pole	4		Red Maple	Medium	5 - 10 feet	Sapling
Northern White Cedar	3	Pole	6		Balsam Fir	Medium	5 - 10 feet	Sapling
White Pine	5	Pole/Log/Sap	11		White Pine	Low	5 - 10 feet	Sapling
Black Spruce	65	Sapling/Pole	3	25				
Paper Birch	2	Sapling	2					
Quaking Aspen	10	Sapling	3	25				
Red Maple	5	Sapling	1					
Balsam Poplar	5	Sapling	3					

2024 - This area of the sale regenerated to black spruce with a mix of other species.

**45** 6112 - Lowland Aspen Sapling Well 39.2 10 Immature N/A Lowland aspen stand with a mix of other species. A couple large white pine and hemlock present.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	80	Sapling/Pole	3	10	Tag Alder	Medium	5 - 10 feet	Tall Shrub
Northern White Cedar	5	Pole	7					
White Spruce	3	Sapling/Pole	3					
Red Maple	7	Sapling/Pole	2					
Balsam Fir	5	Pole/Sapling	3	10				

**46** 6132 - Mixed Lowland Forest with Cedar Sawtimber Well 11.5 96 141-170 N/A Cut in 1968.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	45	Pole	8	96	Hemlock	Low	5 - 10 feet	Sapling
Sugar Maple	10	Pole/Log	9		Red Maple	Low	10 - 20 feet	Sapling
Black Ash	10	Pole	6		Sugar Maple	Medium	10 - 20 feet	Sapling
Red Maple	15	Pole	8	96	Balsam Fir	Low	10 - 20 feet	Sapling
Yellow Birch	10	Log/Pole	10					
Hemlock	10	Log/Pole	12					

2024 - very wet soils. Mostly cedar and a mix of other lowland species.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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<b>47</b>	6112 - Lowland Aspen	Poletimber Well	13.9	40	1-50	N/A	SCA = Riparian protection. Area is braided with water courses and drains.split stand north and south piece			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Quaking Aspen	45	Pole/Sapling	7	40	Red Maple	Low	5 - 10 feet	Sapling		
Paper Birch	10	Pole/Sap/Log	7		Tag Alder	Medium	5 - 10 feet	Tall Shrub		
White Ash	3	Pole	7		Balsam Fir	Medium	5 - 10 feet	Sapling		
Red Maple	15	Pole	7		Northern White Cedar	Low	5 - 10 feet	Sapling		
Balsam Fir	5	Pole	5		Black Ash	Medium	5 - 10 feet	Sapling		
Northern White Cedar	10	Pole	7							
Black Ash	5	Pole	6							
Black Spruce	7	Pole	5							

<b>48</b>	6115 - Lowland Ash	Poletimber Well	6.4	69	1-50	N/A	SCA = Riparian protection. Area is braided with water courses and drains.2024 - This is a very wet stand with pole size ash that is in decline.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Balsam Fir	2	Pole	5		Balsam Fir	Medium	5 - 10 feet	Sapling		
Northern White Cedar	10	Pole	7		Black Ash	Medium	5 - 10 feet	Sapling		
Black Ash	70	Pole/Sapling	6	69	Red Maple	Low	5 - 10 feet	Sapling		
White Ash	1	Pole	7		Tag Alder	Medium	5 - 10 feet	Tall Shrub		
Paper Birch	4	Pole	6		Northern White Cedar	Low	5 - 10 feet	Sapling		
Red Maple	6	Pole	7							
Black Spruce	7	Pole	5							

<b>49</b>	710 - Sand, Soil	Nonstocked	1.1	0		No	Gravel pit
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<b>50</b>	4112 - Maple, Beech, Cherry Association	Sapling Well	8.3	12	Immature	N/A	This area was to a low BA cut in 2012. Good hardwood sprouting and regen. Some hemlock and a few hardwood in the overstory but otherwise looks like a clearcut.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Sugar Maple	25	Sapling	1	12	Balsam Fir	Low	< 5 feet	Sapling		
Quaking Aspen	10	Sapling	2		Hemlock	Low	< 5 feet	Sapling		
Hemlock	7	Log/Pole	12							
Red Maple	48	Sapling	2	12						
Black Cherry	10	Sapling	2							

<b>51</b>	4112 - Maple, Beech, Cherry Association	Poletimber Well	7.4	96	81-110	N/A	Select cut in 2012:: TS# 126-07-01.  2024 - Good quality hardwood stand. Mostly log sized trees. Moderate amount of hardwood regeneration. BA is around 90.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Sugar Maple	65	Pole/Log	8	96	Red Maple	Medium	5 - 10 feet	Sapling		
Hemlock	10	Log/Pole	12		Balsam Fir	Low	< 5 feet	Sapling		
Yellow Birch	5	Pole/Log	9		Hemlock	Low	< 5 feet	Sapling		
White Ash	3	Log/Pole	10		Sugar Maple	Medium	5 - 10 feet	Sapling		
Red Maple	17	Pole/Log	8							



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**52**                      4130 - Aspen                      Sawtimber Well                      2.2                      60                      81-110                      N/A

Aspen dominated stand. The aspen is mature and good quality. The East Branch of Levasseur Creek cuts the SE corner of the stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	5	Pole/Log	9		Sugar Maple	Medium	5 - 10 feet	Sapling
Quaking Aspen	61	Log	12	60	Red Maple	Medium	5 - 10 feet	Sapling
Bigtooth Aspen	15	Log	12	60	Balsam Fir	Low	< 5 feet	Sapling
Red Maple	12	Pole/Log	8		Hemlock	Low	< 5 feet	Sapling
Sugar Maple	5	Pole/Log	8					
Hemlock	2	Log/Pole	12					