

# **Compartment Review Presentation**

**Gaylord Forest Management Unit** 

Compartment 52147 Entry Year 2025 Acreage: 1,502

County Cheboygan

Management Area: Wolverine Moraines

Stand Examiner: Tricia St. Pierre

# **Legal Description:**

T33N R03W Sec 20 T33N R03W Sec 29

T33N R03W Sec 32: NE1/4, SE1/4NW1/4

#### **Identified Planning Goals:**

To provide for the protection, integrated management and responsible use of a healthy, productive, and undiminished forest resource base for the social, recreational, environmental, and economic benefit of the State of Michigan and its inhabitants.

#### Soil and topography:

Topography is generally rolling, though hilly and steep in some areas. The stream corridor sits in a flat valley with sloping terrain to either side

Within this compartment there are steep and broken morainal ridges with well drained loamy sand. A broad, flat outwash plain with well-drained loamy sand and a narrow outwash channel with very poorly drained peat and muck support the West Branch of the Sturgeon River.

The majority of the soils within this compartment are various sands (81.1%) with a less significant addition of Tawas Peat (12.2%) and even less Emmet Sandy Loam (6.7%). Sands are dominated by Kalkaska Sand (55.6%) and Blue Lake Loamy Sand (13.7%) with smaller contributions from Cheboygan Loamy Sand, Mancelona Sand, Rubicon Sand, and Riggsville Loamy Sand (<12% total). The sands are somewhat excessively drained with the potential for surface runoff and erosion affected by the degree of slope. Most sands form moraines while the peat occupies the outwash plain. Emmet Sandy Loam is largely confined to the northwest corner of this compartment and supports some of the better quality hardwood, typing out as AFOCa in the Kotar classification. Mancelona Sand also types out as AFOCa. Rubicon Sand and Riggsville Loamy Sand classify as PArVCo and PArVVb/AFO types. The remaining sands dominate this compartment, typing out as AFO/AFOCa while Tawas Peat is unclassified lowland.

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

The north, west, and east boundaries of this compartment are adjacent to other state forest land. The southern boundary abuts private property. The compartment is entire; one block of state forest land. Private property to the south is dappled seasonal, permanent, and recreational property. There is an attempted development of a private campground.

#### **Unique Natural Features:**

There is a presence of elm throughout most hardwood stands within this compartment, most of which are healthy and vigorous. The northeast half of section 20 has many seeps along its easterly slopes that should be considered and avoided during any management activities. There was a resident population of elk in the 2012-2013 winter, not observed in the 2022-2023 except for a few transient tracks.

The West Branch of the Sturgeon River is a rather unique feature wending through a glacial outwash channel within this compartment.

Potential for Geum fragarioides (Barren Strawberry) in section 32.

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

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

#### **Special Management Designations or Considerations:**

As there are no documented MNFI occurances within this compartment, there are no recommended SCAs or HVCAs to address.

Red-shouldered, Bald eagle, Northern goshawk, Common loon observations nearby; potential for occurrences within this compartment. Potential for woodland vole, wood turtle, and eastern massasauga. Potential for ram's head lady's-slipper, limestone oak fern, round-leaved orchis, and calypso orchid in cedar swamps.

#### **Watershed and Fisheries Considerations:**

T33N R03W Sec. 20, 29, 32

This compartment is in the Sturgeon River watershed, and contains a portion of the West Branch Sturgeon River. A minimum no-clear cut buffer of 300' should be maintained adjacent to this stream. No treatments are planned near this waterbody, so Fisheries has no concerns at this time.

#### Wildlife Habitat Considerations:

This compartment consists of mostly upland habitat with a small component of lowland habitat associated with the West Branch of the Sturgeon River. The lowland area supports a variety of species including black bear, white-tailed deer, furbearers and various amphibians. The majority of the upland habitat is hardwoods with a few pockets of aspen. A portion of the aspen was treated in 2015 YOE to provide age-class diversity and early successional habitat that benefits white-tailed deer, ruffed grouse, American woodcock, and various song birds.

# Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium and coarse-textured glacial till. The glacial drift thickness varies between 400 and 800 feet. The Devonian Antrim Shale subcrops below the glacial drift. The Antrim is used for cement products. Gravel pits are located in Section 32 and the uplands appear to have good potential. The Antrim Shale gas play has expanded to include Section 32. The Compartment is leased for oil and gas development for the Collingwood Formation.

#### **Vehicle Access:**

Perry Road, Wilderness Road, and Real Water Road are the primary access roads for this commpartment. There exist unnamed spurs and a dirtbike trail allowing motorized access to more remote areas of the compartment. The terrain would make further road development difficult.

#### **Survey Needs:**

There are no pressing survey needs at this time.

# **Recreational Facilities and Opportunities:**

Snowmobile Trail 765 runs across this compartment. The MCCCT Tomahawk C Loop dirtbike trail runs through the compartment, merging with Wilderness Road for a bit. The NWSW of Sec 20 presents some maintenance issues with restored RDRs being ignored and misused, although the main disturbance is in Section 19.

#### **Fire Protection:**

Fire danger is moderately low in these predominately hardwood forests, although fire suppression would be difficult given the terrain. The West Branch of the Sturgeon River dissects the SE1/4 of Sec 29 with channels to the north and south, creating a potential fire break. A bridge in section 28 provides access to the river for drafting if needed.

#### **Additional Compartment Information:**

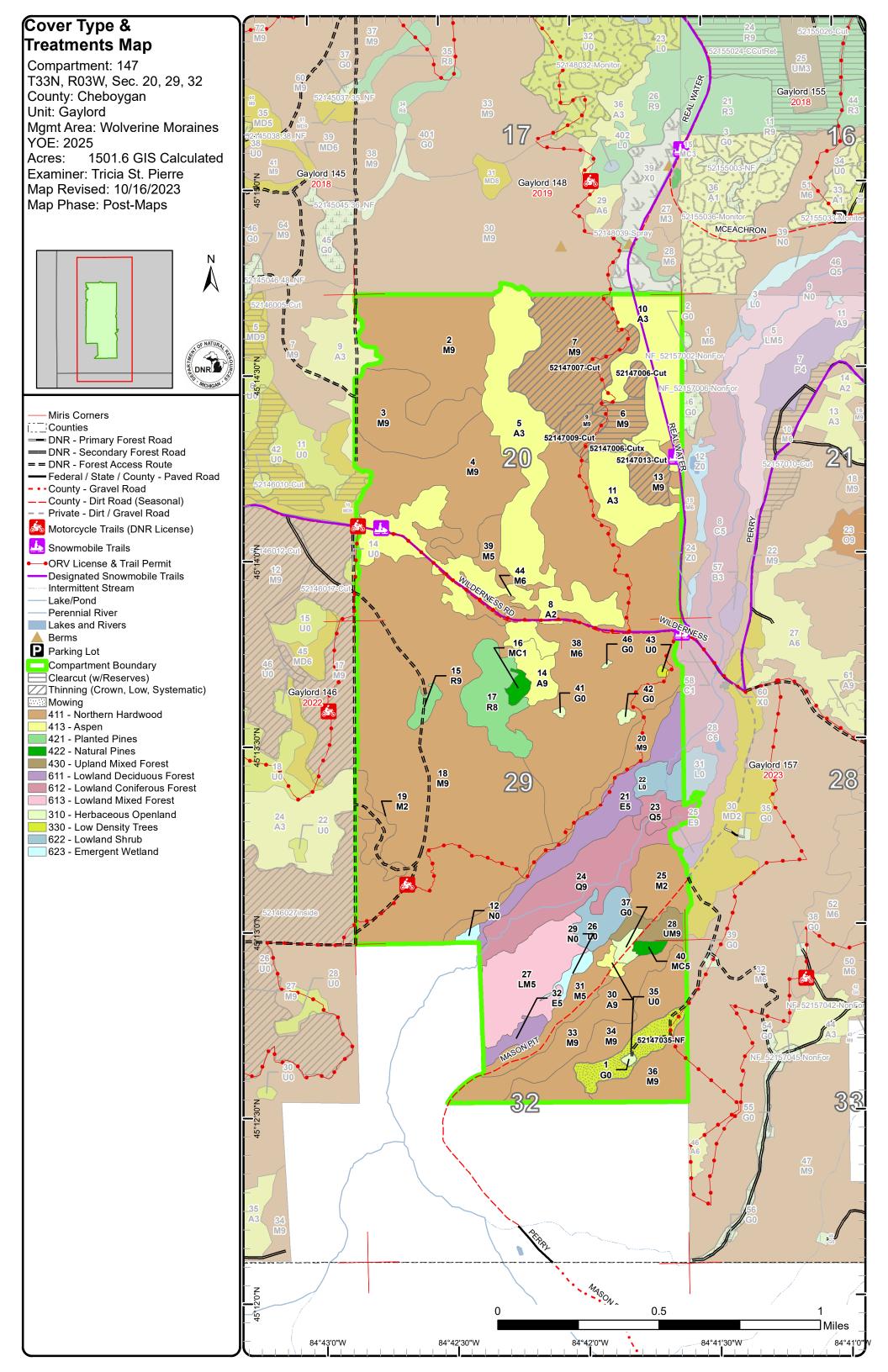
The following reports from the Inventory are attached:

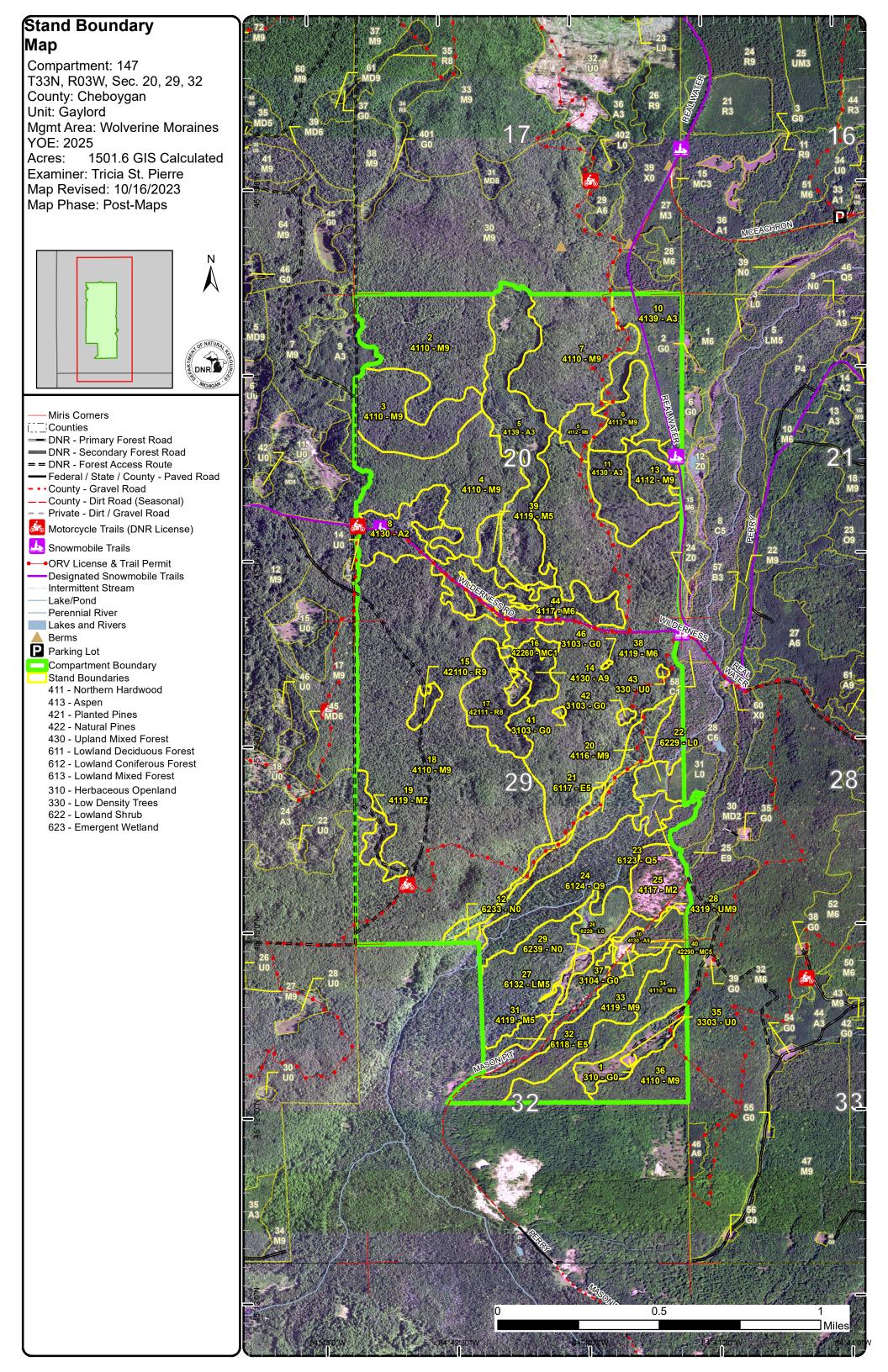
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

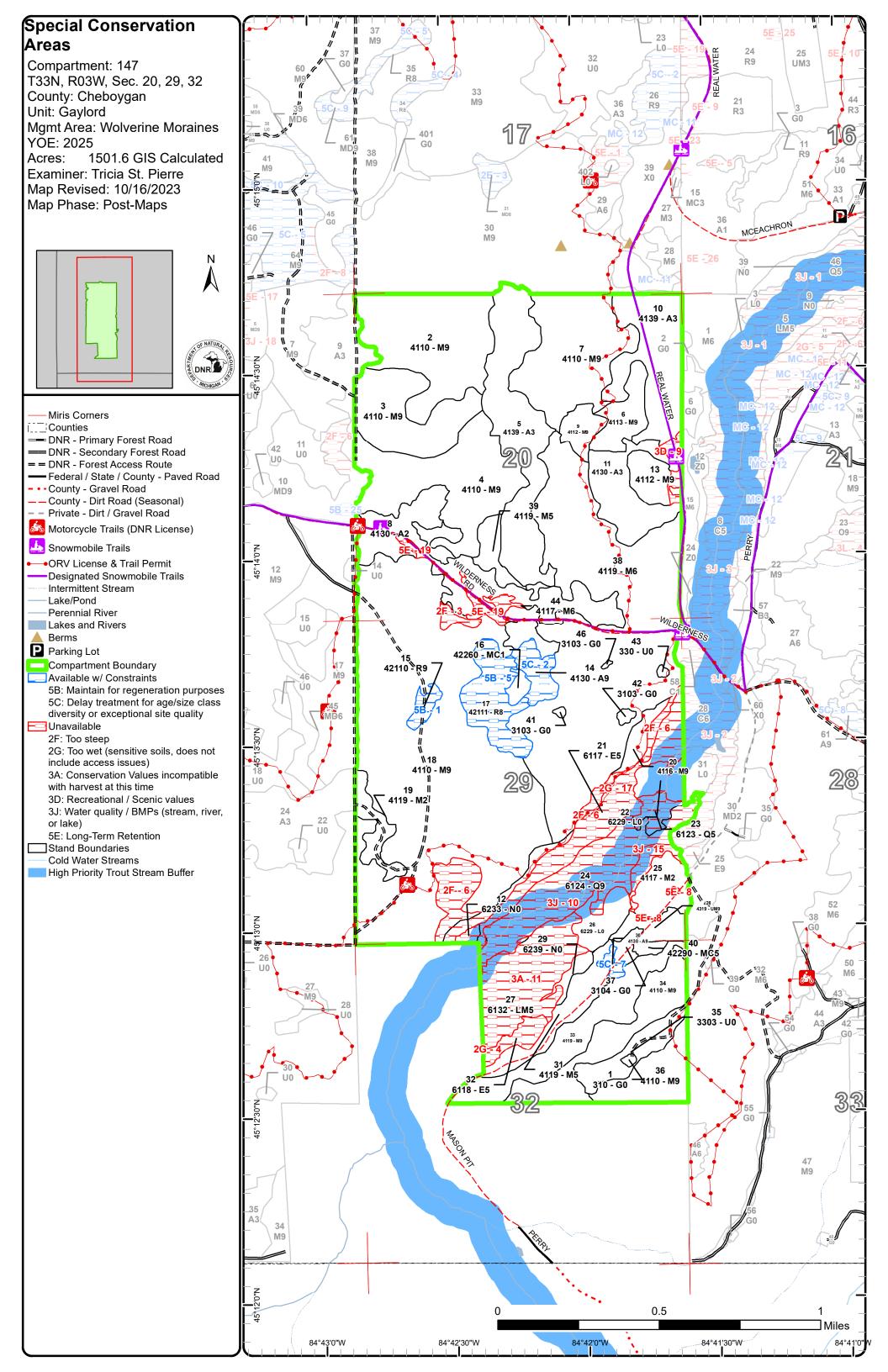
The following information is displayed, where pertinent, on the attached compartment maps:

Base feature information, stand boundaries, cover types, and numbers Proposed treatments
Site condition boundaries

Details on the road access system







Gaylord Mgt. Unit

Tricia St. Pierre : Examiner

Compartment 147 Year of Entry 2025



#### Age Class

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Aspen	0	63	117	31	0	0	3	0	0	11	0	0	0	0	0	0	0	0	225
Herbaceous Openland	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Low-Density Trees	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
Lowland Conifers	0	0	0	0	0	0	0	7	0	56	0	0	0	0	0	0	0	0	63
Lowland Deciduous	0	0	0	0	0	0	0	37	0	8	0	0	0	0	0	0	0	0	44
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	0	47	0	0	0	0	0	0	47
Lowland Shrub	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23
Marsh	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Natural Mixed Pines	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Northern Hardwood	0	23	0	0	0	12	0	106	138	735	10	0	0	0	0	0	0	0	1024
Red Pine	0	0	0	0	0	0	0	0	0	0	33	0	0	0	0	0	0	0	33
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	10
Total	54	86	117	34	3	12	3	150	138	810	53	47	0	0	0	0	0	0	1505



# **Report 2 – Treatment Summary**

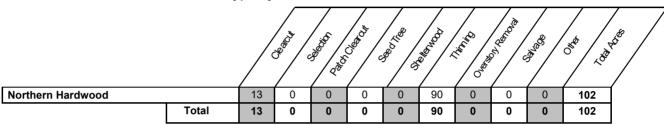
# Gaylord Mgt. Unit Year of Entry: 2025

#### **Acres of Harvest**

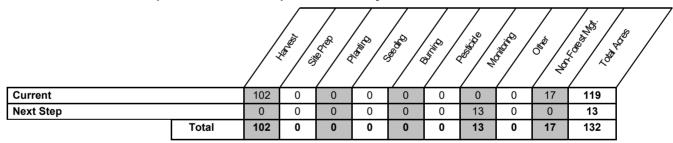
Compartment 147
Total Compartment Acres: 1,502

Commercial Harvest - 102 Harvests with Site Condition - 0 Next Step Harvest - 0 Habitat Cut - 0

# **Cover Type by Harvest Method**



# **Proposed and Next Step Treatments by Method**



Gaylord Mgt. Unit Report 3 -- Treatments s t

Stand

CoverType

Compartment: 147 Year of Entry: 2025

Age



Acres

Size Stand BA Density Age Range

**Treatment** Type

**Treatment** Method

Cover Type Objective Structure Habitat Cut

**Proposed Treatments:** 

**Treatment** 

Name

а

n

d

52147006-Cut 4113 - R.Maple, Sawtimber 76 81-110 Harvest Crown Thinning 411 - Northern No 3.8 Even-Aged Conifer Well Hardwood

Prescription Thin stand to 80BA, harvesting red and sugar maple only, protecting lesser represented species such as basswood, vellow birch, elm.

cherry, and conifer. Sign and protect recreational trails. Specs:

Next Step Treatments:

**Acceptable** Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2024

52147006-12 7 4113 - R.Maple, Sawtimber 76 81-110 Harvest Clearcut 411 - Northern Two-Aged Nο Cutx Conifer Well Hardwood

Prescription Final harvest retaining underrepresented species including yellow birch, black cherry, and elm. Mark to leave 30 BA of pine as available, a mix of red and white. Sign and protect recreational trails.

Specs: Monitoring, Natural Regen (Re-Inventory)

Next Step Treatments:

Acceptable Acceptable regeneration will meet minimum stocking standards for hardwood not dominated by beech.

Regen: Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2024

65.2 4110 - Sugar Maple Sawtimber 68 81-110 52147007-Cut Harvest Crown Thinning 411 - Northern Even-Aged No Association Hardwood

Prescription Thin to 80 BA, not harvesting any conifer or underrepresented species such as elm, yellow birch, and black cherry. Try to maintain basswood

as at least one third of the residual volume, preferring to mark sugar maple over basswood. Specs:

Provide skid trails up slopes following BMPs but avoid marking within steep draws or along steep slopes.

Sign and protect recreational trails.

Next Step Treatments:

Acceptable Regen:

Other Avoid maple-ization.

Areas with dense beech may be marked or beech may be spec-ed out. Comment:

Site Condition

Proposed Start Date: 10/1 /2024

Gaylord Mgt. Unit Report 3 -- Treatments Compartment: 147 S Year of Entry: 2025 t а **Treatment** Stand Size Stand BA **Treatment Treatment** Cover Type **Acres** Age Habitat n Name CoverType Density Age Range Type Method Objective Structure Cut d 9 52147009-Cut 9.5 4112 - Maple. Sawtimber 81-110 Harvest Crown Thinning 411 - Northern Even-Aged No Beech, Cherry Well Hardwood Association Prescription Thin stand to 80BA, harvesting red and sugar maple only, protecting lesser represented species such as basswood, elm, cherry, and conifer. Sign and protect recreational trails. Specs: Next Step **Treatments:** Acceptable Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2024 52147013-Cut 11.1 4112 - Maple, Sawtimber 77 111-Harvest Crown Thinning 411 - Northern Even-Aged No Beech, Cherry Well 140 Hardwood Association Prescription Thin stand to 80BA focusing marking on sugar maple, red maple, and beech. Do not mark any underrepresented trees such as basswood, red/white pine, elm, or yellow birch. Sign and protect recreational trails. Next Step Treatments: Acceptable Regen: TSI **Other** Comment: Site Condition Proposed Start Date: 10/1 /2024 16.9 3303 - Mixed Low Nonstocked Unspec NonForestMgt 52147035-NF 330 - Low-No Mowing **Density Trees** ified **Density Trees** Prescription Periodic opening maintenance, as needed, that may include disking, fertilizing, liming, food plot seeding, mowing, brushing, tree and shrub planting, herbicide application, and removal of invasive species. Specs: Next Step Treatments: Acceptable Maintenance of a non-forested stand Regen: Other Comment:

Total Treatment 119.2 Acreage Proposed:

Proposed Start Date: 10/1 /2024

Site Condition

Compartment: 147

Gaylord Mgt. Unit

Tricia St. Pierre : Examiner Year of Entry: 2025

Availa	ability for	Managemer	nt									
Total	Acres	Acres Avail	Acres	!	Domina	nt Site	e Con	dition	s			
Acres	Available	With Condition	Not Available		5B	5C	2F	2G	3A	3D	3J	5E
224	210	13	1	Aspen		13						1
7	7	0	0	Herbaceous Openland								
18	18	0	0	Low-Density Trees								
63	0	0	62	Lowland Conifers					0		62	
44	0	0	44	Lowland Deciduous				44			0	
47	0	0	47	Lowland Mixed Forest					47		0	
23	23	0	0	Lowland Shrub							0	
6	4	0	2	Marsh				2				
6	6	0	0	Natural Mixed Pines								
1023	978	0	45	Northern Hardwood			28	0		5	6	6
32	0	32	0	Red Pine	32							
10	10	0	0	Upland Mixed Forest							0	
1,502	1,255	45	201	Total Forested Acres	32	13	28	46	47	5	68	7
	84%	3%	13%	Relative Percent		•		•	•	•		

<sup>\*</sup>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	5B: Maintain for regeneration purposes	5	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: 4.6 acre stand on ware Available	ay to converting to hardwood a  5C: Delay treatment for age/size class diversity or	and grow	ring out of merchantability. Unspecified	Unspecified	Unspecified	Unspecified
ı		exceptional site quality  practical access, challenging to cality of access, increasing ma					vith adjacent

# **Report 4 – Site Conditions**

Gaylord Mgt. Unit

Tricia St. Pierre : Examiner

Unavailable	2F: Too steep	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Potholes; inappropri	riate to manage with heavy equi	ipment.				
Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified	Unspecified
Comments: Very wet stand. Ris	sk of spreading buckthorn with r	manage	ment. Hillside down into sta	and could be damaged by	equipment. Herbivory pres	ssure.
Available	5B: Maintain for regeneration purposes	28	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified	Unspecified
					advanced sugar maple w	hen red pine is
Unavailable	2F: Too steep	25	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Steep terrain, in so	me cases on the edge of a swa	mp with	n no potential for a hard land	ding.		
Available	5C: Delay treatment for age/size class diversity or exceptional site quality	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Smaller diameter a	spen, very small stand.					
Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:						
	Comments: Potholes; inapproposition Unavailable  Comments: Very wet stand. Rise Available  Comments: Very high density streated. Operational Unavailable  Comments: Steep terrain, in so Available  Comments: Steep terrain, in so Unavailable  Comments: Steep terrain, in so	Comments: Potholes; inappropriate to manage with heavy equivalence soils, does not include access issues)  Comments: Very wet stand. Risk of spreading buckthorn with response some speed of a swall bush of the speed of the	Comments: Potholes; inappropriate to manage with heavy equipment.  Unavailable 2G: Too wet (sensitive soils, does not include access issues)  Comments: Very wet stand. Risk of spreading buckthorn with manage  Available 5B: Maintain for regeneration purposes  Comments: Very high density sugar maple subcanopy. Delay any treat treated. Operationally, it makes the most sense to access  Unavailable 2F: Too steep 25  Comments: Steep terrain, in some cases on the edge of a swamp with age/size class diversity or exceptional site quality  Comments: Smaller diameter aspen, very small stand.  Unavailable 5E: Long-Term Retention 0	Comments: Potholes; inappropriate to manage with heavy equipment.  Unavailable 2G: Too wet (sensitive soils, does not include access issues)  Comments: Very wet stand. Risk of spreading buckthorn with management. Hillside down into state access issues  Available 5B: Maintain for regeneration purposes 28 5C: Delay treatment for age/size class diversity or exceptional site quality  Comments: Very high density sugar maple subcanopy. Delay any treatment and allow subcanopy treated. Operationally, it makes the most sense to access this stand when the adjace Unavailable 2F: Too steep 25 Unspecified  Comments: Steep terrain, in some cases on the edge of a swamp with no potential for a hard land age/size class diversity or exceptional site quality  Comments: Steep terrain, in some cases on the edge of a swamp with no potential for a hard land age/size class diversity or exceptional site quality  Comments: Smaller diameter aspen, very small stand.  Unavailable 5E: Long-Term Retention 0 Unspecified	Comments: Potholes; inappropriate to manage with heavy equipment.  Unavailable  2G: Too wet (sensitive soils, does not include access issues)  Comments: Very wet stand. Risk of spreading buckthorn with management. Hillside down into stand could be damaged by or regeneration purposes  Available  5B: Maintain for regeneration purposes  28 5C: Delay treatment for age/size class diversity or exceptional site quality  Comments: Very high density sugar maple subcanopy. Delay any treatment and allow subcanopy to develop, protecting the treated. Operationally, it makes the most sense to access this stand when the adjacent stand 38 is treated.  Unavailable  2F: Too steep  25 Unspecified  Unspecified  Comments: Steep terrain, in some cases on the edge of a swamp with no potential for a hard landing.  Available  5C: Delay treatment for age/size class diversity or exceptional site quality  Comments: Steep terrain, in some cases on the edge of a swamp with no potential for a hard landing.  Comments: Smaller diameter aspen, very small stand.  Unavailable  5E: Long-Term Retention  0 Unspecified  Unspecified  Unspecified	Comments: Potholes; inappropriate to manage with heavy equipment.  Unavailable 2G: Too wet (sensitive soils, does not include access issues)  Comments: Very wet stand. Risk of spreading buckthorn with management. Hillside down into stand could be damaged by equipment. Herbivory pressure agreement of regeneration purposes 28 5C: Delay treatment for age/size class diversity or exceptional site quality  Comments: Very high density sugar maple subcanopy. Delay any treatment and allow subcanopy to develop, protecting the advanced sugar maple with treated. Operationally, it makes the most sense to access this stand when the adjacent stand 38 is treated.  Unavailable 2F: Too steep 25 Unspecified Unspecified Unspecified  Comments: Steep terrain, in some cases on the edge of a swamp with no potential for a hard landing.  Available 5C: Delay treatment for age/size class diversity or exceptional site quality  Comments: Steep terrain, in some cases on the edge of a swamp with no potential for a hard landing.  Comments: Steep terrain, in some cases on the edge of a swamp with no potential for a hard landing.  Comments: Smaller diameter aspen, very small stand.  Unavailable 5E: Long-Term Retention 0 Unspecified U

# **Report 4 – Site Conditions**

Compartment: 147

Gaylord Mgt. Unit

Tricia St. Pierre : Examiner Year of Entry: 2025

9	Unavailable	3D: Recreational / Scenic values	5	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: This area of the sta	and contains a campsite and ste	ep slop	oes. High erosion risk, esp	ecially along Real Waters Ro	ad.	
10	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	62	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
	Comments: Very wet, very sens	sitive soils. West Branch of the	Sturged	on River flows through this	stand. 300' minimum intense	management buffer.	
11	Unavailable	3A: Conservation Values incompatible with harvest at this time	47	5A: Not able to obtain desirable regeneration	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified
		s, difficult to regenerate species n of the Sturgeon to the north ar ver SMZ.					
15	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	6	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Provides a 300-foo	t buffer from the West Branch o	f the S	turgeon River.			
17	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	38	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
	Comments: Saturated ground in	า most areas; occasional flowin	g water	. Portions within Sturgeon	River SMZ.		
19	Unavailable	5E: Long-Term Retention	7	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Long term retention	n for parent stand 8.					

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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				

Gaylord Mgt. Unit Compartment: 147
Year of Entry 2025



# 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.

Conservatior Area	туре	Description	HCVA = High Conservation Value Area SCA = Special Conservation Area
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved of stocked trout populations and those of other coldwater year to year. Coldwater streams in Michigan typically contributions of groundwater to their stream flows. Sudesignated as trout resources by Fisheries Order 210	er fish species (e.g., slimy sculpin) to persist from provide these conditions due to substantial uch streams are established by Director's action and
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecinfluences the aquatic ecosystem and vice-versa. Bestreams and open water wetlands, riparian areas har communities are ecologically and socially significant as aesthetics, habitat, bank stability, timber production	cause of the unique conditions adjacent to lakes, bor a high diversity of plants and wildlife. Riparian in their effects on water quality and quantity, as well

7 - Stands Compartment: 147
Year of Entry: 2025

DNR MICHIGAN

Stand	Level 4 C	over Type	s	ize De	nsity	Acres	Stand Age B	A Range	Managed	Site	General Comments
1	310 - Herba	ceous Open	nland l	Nonsto	cked	0.8	Ir	mmature			Permit # 57118, api well # 21031571180000, Northstar Energy.
						Sub-Car	nopy Species	Density	Avg. Height	Size	
						Blac	k Cherry	Trace	Variable	Sapling	
						Honeys	uckle (spp.)	Trace	5 - 10 feet	Tall Shruk	
						Spotted	l Knapweed	Full	Unspecified	Non-Wood	
						Blackber	ry/Raspberry	Trace	< 5 feet	Tall Shrub	
2	4110 - Sugar I	Maple Asso	ciation Sa	awtimb	er We	ell 73.2	87	81-110	N/A		Pothole Hardwood, completed 6/30/13.  Trace ironwood, red pine, white pine, beech, and black cherry (just 1) in
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	canopy. Rare basswood, elm, and red berried elder in subcanopy. Sharp
	American Elm	1	Log/XLog/Pole	14		Honeys	uckle (spp.)	Trace	< 5 feet	Tall Shruk	lobed hepatica, helleborine, maiden hair fern present. Scattered white
	Quaking Aspen	1	Log/Pole	14		Wh	ite Ash	High	Variable	Sapling	ash snags. Carbon plot present. Couple areas of very nice advanced
	Bigtooth Aspen	3	Log/Pole	14		Е	Beech	Trace	Variable	Sapling	sugar maple saplings on road edges in north. One alternate leafed dogwood (and one dead).
	Basswood	35	Log/Pole	12		Prickly Or V	Vild Gooseberry	y Trace	< 5 feet	Tall Shruk	Few red and white pine along eastern edge of stand. Stand contains a
	Sugar Maple	60	Log/Pole	11	87	Blac	k Cherry	Trace	< 5 feet	Sapling	few Xlog elm, one measuring 26.8" dbh.
						Sug	ar Maple	Medium	< 5 feet	Seeding	Rubus decreased in the past decade from very high to low. White ash and ironwood increased in subcanopy abundance.
						Iro	nwood	Medium	Variable	Sapling	Basswood stump sprouts have been heavily grazed.
						Blackber	ry/Raspberry	Low	< 5 feet	Tall Shruk	
3	4110 - Sugar I	Maple Asso	ciation Sa	awtimb	er We	ell 45.1	77	51-80	N/A	Thinned in 2019. Log ash, previously 8% of canopy (in 2012), wiped out by EAB (current 2022); scattered white ash snags. Trace elm, beech,	
	Canopy Species	% Cover	Size Class		Age	Sub-Car	nopy Species	Density	Avg. Height	Size	bigtooth in canopy. <1% red and white pine combined in canopy.
	Sugar Maple	59	Log/Pole	10	77	Wh	ite Ash	Medium	5 - 10 feet	Sapling	Couple XL SM >16".
	White Pine	1	Log/XLog	14		E	Beech	Low	5 - 10 feet	Sapling	Handful of Log BTA on west and north edges.
	Basswood	40	Log/Pole	11		Prickly Or V	Vild Gooseberry	y Trace	< 5 feet	Tall Shrub	
						Sug	ar Maple	Trace	>20 feet	Sapling	
						Ba	sswood	Low	5 - 10 feet	Sapling	
						Sug	ar Maple	Low	< 5 feet	Seeding	
						Blackber	ry/Raspberry	High	< 5 feet	Tall Shrub	
4	4110 - Sugar I			awtimb		1 (	71.5 85 8		N/A		Completed thinning 11/2019 as part of Strong-Arm Aspen and Hwd, 52- 1 136-14. A lot of ironwood regeneration; heavy browsing on basswood,
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	sugar maple stump sprouts. Areas of high white ash saps, otherwise
	Bigtooth Aspen	1	Log/XLog	14		Blackberry/Raspberry High <		< 5 feet	Tall Shrub	ironwood dominated. Trace red and white pine, quaking aspen, black	
	White Pine	2	Log/XLog	16		Iro	ronwood High Variable Sapling			cherry, and paper birch in canopy. Rare maple leaved viburnum, red berried elder, black cherry, honeysuckle in subcanopy. In general,	
	American Elm	1	Log/Pole	12		Sug	ar Maple	Trace	< 5 feet	Seeding	canopy composition is 58% sugar maple, 35% basswood, and 7% other.
	Black Cherry	1	Log/Pole	10		Sug	ar Maple	Trace	>20 feet	Sapling	Southwestern acreage is a southwest-facing slope containing more
	Basswood	35	Log/Pole	11		Wh	ite Ash	Medium	5 - 10 feet	Sapling	bigtooth aspen and red maple amongst sugar maple, ironwood, and trace
	Red Pine	1	Log	14		Е	Beech	Low	Variable	Sapling	white pine. East/southeast slope E/SE, somewhat hilly. Trace paper bircl and red pine.
	Sugar Manle	58	Log/Pole	10	85	Ba	boowee	Trace	5 - 10 feet	Sanling	Occasional VI CM in stand. One curriving basel note

5 - 10 feet

Sapling Occasional XL SM in stand. One surviving beech pole.

Trace

Basswood

58

1

Sugar Maple

Red Maple

Log/Pole

Log/Pole

10

10

85

Gaylord Mgt. Unit

Compartment: 147 Year of Entry: 2025



Stand	Level 4 Co	over Type	s	ize De	nsity	Acres	Stand Age E	BA Range	Managed	Site	General Comments
5	4139 - Aspen,	4139 - Aspen, Mixed Deciduous Sapling Well 69.6 18 Immature N/A				Regeneration is more consistent this entry than it was 10 years ago.					
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	Better species diversity and increased stratification in 10 years of additional growth; more aspen in the canopy, reduced the amount of
	Red Pine	2	XLog/Log	18		Black Cherry		Low	Variable	Sapling	sugar maple and ash. Few areas are understocked but pine seem to be
	Black Cherry	15	Sapling/Pole	3		Re	ed Pine	Trace	Variable	Sapling	establishing in many of these openings. Bracken is associated with more
	Sugar Maple	10	Sapling/Pole	2	18	Irc	nwood	Medium	Variable	Sapling	open areas occupied by red and white pine and cherry. Red pine volunteers more common in skid trails than elsewhere. Scattered residual
	Ironwood	10	Sapling	1		Sug	ar Maple	Medium	Variable	Sapling	pole/sap/log sugar maple, trace residual black cherry. Rare basswood,
	American Elm	1	Sapling/Pole	3		Blackbei	rry/Raspberry	Medium	< 5 feet	Tall Shrul	
(	Quaking Aspen	30	Sapling/Pole	3	18	Brac	ken Fern	Trace	Unspecified	Non-Wood	subcanopy. Trace pin cherry, basswood, paper birch, and beech in canopy. Elm, Red Pine, and White Pine are residual "supercanopy".
	Red Maple	3	Sapling/Pole	4		Wh	nite Ash	Trace	Variable	Sapling	Central portion of southern third of stand occupied by jack pine and white
	Balsam Poplar	2	Sapling	3		Ja	ck Pine	Trace	Variable	Sapling	pine. Trace oak to the southeast.
	White Ash	1	Sapling/Pole	4		Е	Beech	Low	Variable	Sapling	
	Jack Pine	1	Sapling/Pole	4		Honeys	suckle (spp.)	Low	< 5 feet	Tall Shrul	
	Bigtooth Aspen	24	Sapling/Pole	3							_
	White Pine	1	Log	16							
6	4113 - R.M	laple, Coni			er Well Age	16.5 Sub-Car	76	81-110 <b>Density</b>	N/A Avg. Height	Size	Trace black cherry, bigtooth aspen, yellow birch, elm in canopy. Rare sugar maple (seedlings), balsam fir, elm in subcanopy. Dense red and
	Basswood	2	Log/Pole	12			ar Maple	Trace	>20 feet	Sapling	white pine in south and center of stand, decreasing in density in the far north and east. Multistemmed red maple is prominent, except in the far
	Red Maple	54	Log/Pole	10	76	Irc	onwood	Medium	Variable	Sapling	north where stem quality improves (single stems), becoming pole red
	Red Pine	20	Log/XLog	16		E	Beech	Medium	Variable	Sapling	maple dominated with nice sugar maple and basswood.
(	Quaking Aspen	2	Log/XLog	16		Blac	ck Cherry	Trace	< 5 feet	Sapling	
	White Pine	10	Log/Pole/XLog	14							1
	Sugar Maple	10	Pole/Log	8	68						
	Beech	2	Log/Pole	12							
7	4110 - Sugar M	laple Asso	ciation Sa	awtimb	er Well	65.2	68	81-110	N/A		Trace bigtooth, elm, ironwood, black cherry in canopy. Rare black cherry,
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	striped maple, balsam fir in subcanopy.  Smaller diameters in east half under and amongst pine. West and north
	Yellow Birch	1	Log/Pole	14		Sug	ar Maple	Low	>20 feet	Sapling	portions of stand have larger diameters and higher BAs. Thinning would
	White Pine	3	Log/XLog	15		Е	Beech	Medium	Variable	Sapling	be slightly more of a TSI job.
	Basswood	33	Log/Pole	12		Wh	nite Ash	Trace	< 5 feet	Sapling	Southwest portion of stand contains much more beech and pretty bad beech brush. Increase in yellow birch and red maple.
	Red Pine	2	Log/XLog	16		Wh	nite Pine	Trace	< 5 feet	Sapling	
(	Quaking Aspen	1	Log/XLog	14		Irc	nwood	Medium	Variable	Sapling	
	Beech	5	Log/Pole	10							-
	Sugar Maple	50	Pole/Log	8	68						

Red Maple

Log/XLog/Pole 14 73



Stan	d Level 4 C	vel 4 Cover Type Size Density Acres Stand Age BA Range Managed Site		Site	General Comments						
8	4130	- Aspen	Sa <sub>l</sub>	pling N	Лedium	63.3	3 I	mmature	N/A		Harvest complete 11/2019. Clearcut all but white pine and elm. Scattered residual saplings of various species, but mainly ironwood and some
	Canopy Species	% Cove	r Size Class	DBH	Age	Sub-Cand	opy Species	Density	Avg. Height	Size	maple. Impressive browse on sugar maple, white ash, and basswood.
	Bigtooth Aspen	25	Sapling	1	3	Suga	r Maple	Medium	< 5 feet	Sapling	Expect more stratification and subcanopy development in the next 10
	White Ash	2	Sapling	1		Maple Leav	ved Viburnum	Trace	< 5 feet	Tall Shrub	
	Black Cherry	3	Sapling	1		Blackberry	y/Raspberry	High	5 - 10 feet	Tall Shrub	canopy.
	Quaking Aspen	35	Sapling	1	3	Bass	swood	Low	< 5 feet	Sapling	
	American Elm	5	Sapling/Pole	4							
	Basswood	5	Sapling	1							
	White Pine	10	Log/XLog/Pole	16							
	Red Maple	5	Sapling	1							
	Ironwood	5	Sapling	1							
	Sugar Maple	5	Sapling	1							
9	4112 - Maple, Beed	ch, Cherry	Association Sa	wtimb	er Well	9.5	90	81-110	N/A		Gentle easterly to flat slope. Trace bigtooth aspen, ironwood in canopy.
	Canopy Species	% Cove	r Size Class	DBH	Age	Sub-Cand	opy Species	Density	Avg. Height	Size	Rare elm in subcanopy. Generally low stocking of beech in the subcanopy, though the north edge has dense beech.
	Basswood	5	Log/Pole	10		Black	Cherry	Trace	< 5 feet	Seeding	and an apply the notion suger has acres seesing
	Red Pine	2	Log	14		Whit	te Pine	Trace	< 5 feet	Sapling	
	White Pine	3	Log	14		Suga	r Maple	Low	>20 feet	Sapling	
	Red Maple	70	Log/Pole	12	90	Ве	eech	Low	Variable	Sapling	
	Beech	2	Pole/Log	8		Suga	r Maple	Low	< 5 feet	Seeding	
	Black Cherry	1	Log/Pole	12		Iron	nwood	Medium	Variable	Sapling	
	American Elm	1	Log/Pole	10							•
	Sugar Maple	16	Pole/Log	8							
10	4139 - Aspen,	Mixed Dec	ciduous S	apling	Well	47.4	18 Uı	nspecified	N/A		Few residual red pine, sugar maple, black cherry, balsam fir from parent stand. Trace white ash, red oak, elm, beech, and white pine in canopy.
	<b>Canopy Species</b>	% Cove	r Size Class	DBH	Age	Sub-Cand	opy Species	Density	Avg. Height	Size	Scattered white and red pine saplings originating from clearcut. Rare elm,
	Jack Pine	8	Sapling	3		Black	Cherry	Low	Variable	Sapling	hazelnut, gooseberry, red pine in subcanopy. Deer very present.
	Ironwood	5	Sapling	2		Honeysu	ickle (spp.)	Trace	< 5 feet	Tall Shrub	Clearcut in 2005.
	Bigtooth Aspen	10	Sapling/Pole	4		Ве	eech	Low	Variable	Sapling	Clearcut in 2005.
	Sugar Maple	15	Sapling	2		Whit	te Pine	Trace	Variable	Sapling	
	Basswood	2	Sapling	3		Serviceberr	ry (Juneberry)	Trace	10 - 20 feet	Sapling	
	Balsam Fir	1	Sapling/Pole/Log	3		Witch	h Hazel	Trace	5 - 10 feet	Tall Shrub	
	Red Maple	5	Sapling/Pole	3		Brack	en Fern	Low	Unspecified	Non-Wood	
	Quaking Aspen	46	Sapling/Pole	3	18	Blackberry	y/Raspberry	Low	< 5 feet	Tall Shrub	
	Black Cherry	8	Sapling/Pole	3		Suga	r Maple	Low	Variable	Sapling	

Trace

Variable

Balsam Fir

Sapling



Stand	Level 4 Cove	evel 4 Cover Type Size Density Acres Stand Age BA Range Managed Site		Site	General Comments						
11	4130 - A	spen		Sapling	Well	30.9 28		1-50	N/A		Aspen is overtaking hardwood in many areas, though sugar maple and
	Canopy Species %	6 Cover	Size Class	DBH	Age	Sub-Canopy Sp	ecies	Density	Avg. Height	Size	cherry are still a decent component in areas with less aspen. Trace red oak, white pine (saps), white ash, elm, and balsam fir (log/pole residual)
	White Pine	2	XLog/Log	20		White Pine		Trace	Variable	Sapling	in canopy. Rare cherry, maple leaved viburnum, basswood in subcanop
	Red Maple	6	Sapling/Pole	4		Ironwood		Low	Variable	Sapling	Straddling between an A3 and A6, a lot of submerchantable stems yet,
	Ironwood	2	Sapling	2		Honeysuckle (s	spp.)	Trace	< 5 feet	Tall Shrub	but some pockets of small poles. Rather simple subcanopy. Raspberry has decreased significantly in the last decade as the stand matures.
	Black Cherry	5	Pole/Sapling	6		Blackberry/Rasp	berry	Trace	< 5 feet	Tall Shrub	Draw in southeast has potential to be seasonally damp.
	Bigtooth Aspen	38	Pole/Sapling	5	28	Sugar Maple	е	Low	Variable	Sapling	Golden crowned kinglets present in November 2022.
	Pin Cherry	2	Pole/Sapling	5		Serviceberry (June	eberry)	Trace	Variable	Sapling	Cut in 1995. Residual BF and WP, poles and logs.
	Quaking Aspen	35	Sapling/Pole	4	28	Beech		Trace	Variable	Sapling	
	Sugar Maple	9	Sapling/Pole	3		Bracken Feri	'n	Trace	Unspecified	Non-Wood	
	Red Pine	1	Log/XLog	16		Hazelnut (Beak	ked)	Trace	< 5 feet	Tall Shrub	
						Balsam Fir		Trace	Variable	Sapling	
						Red Maple		Trace	< 5 feet	Sapling	
						Sub-Canopy Sp		Density	Avg. Height	Size	
						Northern White C		Low	Variable	Sapling	
						Tamarack		Trace	10 - 20 feet	Sapling	
						Willow spp.		Trace	5 - 10 feet	Tall Shrub	
						White Pine		Trace	Variable	Sapling	
						Bulrush		High	Unspecified	Non-Wood	
						Red Osier Dogw	vood	Trace	< 5 feet	Tall Shrub	
						Phragmites (exc	otic)	Low	Unspecified	Non-Wood	
						Cattail spp.		Trace	Unspecified	Non-Wood	
						Balsam Fir		Trace	Variable	Sapling	
13	4112 - Maple, Beech,	Cherry A	Association S	awtimb	er Wel	I 15.8 77	11	11-140	N/A		Terrain slopes down to the East with especially steep grade in the
	Canopy Species %	6 Cover	Size Class	DBH	Age	Sub-Canopy Sp	ecies	Density	Avg. Height	Size	eastern-most quarter of the stand. Campsites in the northeast leg aside the main road. Northeast is heavier to sugar maple (vs red) with the
	Sugar Maple	24	Pole/Log	8				Medium	Variable	Sapling	majority of the pine volume located here.
	Red Maple	50	Log/Pole/XLog	10	77	Maple Leaved Viburnum		Trace	< 5 feet	Tall Shrub	Dead elm. Beech scale present.
	Basswood	5	Log/Pole	10		Balsam Fir		Low	Variable	Sapling	Lower quality, multi-stemmed hardwood. Basswood is heavier in southeast and on steep slope. Balsam fir subcanopy is most prominen
	Beech	15	Pole/Log	8		Ironwood		Low	Variable	Sapling	the east. Red maple BA increases to the north. Dense beech and beech
	White Pine	5	XLog/Log	18		Striped Maple	le	Trace	< 5 feet	Sapling	brush along the southwest edge of the stand.
	Ironwood	1	Pole/Sapling	6		White Pine			w Variable Sanling		Trace elm, bigtooth, quaking aspen, yellow birch, and red pine in cano

Trace

< 5 feet

Black Cherry

Rare red oak, honeysuckle, and serviceberry in subcanopy.

Sapling

Seeding



Stand	d Level 4 C	over Type	s	ize Density Acres Stand Age BA Range Managed Site		Site	General Comments											
14	4130	- Aspen	Sa	awtimbe	r Well	10.6	86	111-140	N/A		South, southwest, and west-facing slopes (furthest south slopes have a							
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cai	nopy Species	Density	Avg. Height	Size	northwest aspect, even). Hillside aspen with hardwood. Trace amounts of black cherry and basswood in canopy; trace red and white pine in							
	Sugar Maple	15	Pole/Log	8			Beech	Low	Variable	Sapling	northwest on edge of stand. Small transitional edge/overgrown opening in							
	Beech	2	Pole/Log	8		Wh	nite Ash	Trace	< 5 feet	Sapling	west-center, adjacent to stand 16.							
	Bigtooth Aspen	60	Log/XLog/Pole	16	86	Sug	ar Maple	Low	Variable	Sapling	Dense advanced sugar maple regeneration in the northwest, sap/pole. Rare serviceberry, balsam fir, maple leaved viburnum, black cherry in							
	Quaking Aspen	15	Log/Pole	14		Irc	nwood	Low	Variable	Sapling	subcanopy. (One white spruce sap.)							
	Red Maple	8	Pole/Log	8														
15	42110 - Pla	inted Red F	Pine Sa	awtimbe	r Well	4.6	95	111-140	N/A		Trace red maple, white ash, elm in canopy. Rare honeysuckle,							
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	basswood, red oak, striped maple, apple (one pole in east) in subcanopy.  Some midcanopy sapling ironwood, sugar maple, beech; most sugar							
	Sugar Maple	7	Log/Pole	10		Sug	ar Maple	Medium	< 5 feet	Sapling	maple saplings are less than five feet. Scattered jack pine snags.							
	White Pine	12	Log/XLog	15		E	Beech	Low	Variable	Sapling	Red pine and white pine planted in the 1930s.							
	Red Pine	73	XLog/Log/Pole	18	95	Irc	nwood	Medium	Variable	Sapling	Trace amounts of basswood, white ash, and black cherry are in the canopy. Very few regenerating elm are in the disturbed soil along the							
	Basswood	3	Pole/Log	8		Blac	k Cherry	Trace	< 5 feet	Sapling	road.							
	Black Cherry	1	Log	14		Wh	nite Ash	Low	< 5 feet	Sapling								
	Quaking Aspen	4	Log/XLog	14														
16	42260 - Natural Pi	ine, Mixed	Deciduous S	Sapling I	Poor	3.3	36	1-50	N/A		Non-forested opening converted to conifer/cherry. Sapling/pole jack and							
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	red pine with cherry and aspen. Trace elm, pin cherry; rare sugar maple, white pine in subcanopy. Trace scattered log jack pine.							
	Jack Pine	40	Sapling/Pole	4	36	E	Beech	Low	Variable	Sapling								
	Red Pine	30	Sapling/Pole	4		Blac	k Cherry	Low	Variable	Sapling								
	Black Cherry	25	Pole/Sap/Log	8		Spotted	d Knapweed	Medium	Unspecified	Non-Wood								
	Quaking Aspen	5	Pole/Log	8		Re	ed Pine	Trace	< 5 feet	Sapling								
						Servicebe	rry (Juneberry)	Trace	5 - 10 feet	Tall Shrub								
						Honeys	suckle (spp.)	Low	< 5 feet	Tall Shrub								
						Blackbei	rry/Raspberry	High	< 5 feet	Tall Shrub								
						Ja	ck Pine	Trace	< 5 feet	Sapling								
						Brac	ken Fern	High	Unspecified	Non-Wood								
						Re	ed Oak	Trace	< 5 feet	Sapling								
17	42111 - Planted Dec	d Red Pine	, Mixed Saw	timber I	Mediur	m 27.6	92	81-110	N/A		Jack pine has totally senesced in the past decade. Trace elm, yellow birch, paper birch, red maple, balsam poplar, and ironwood in canopy.							
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density			Rare striped maple, common buckthorn, white spruce, red pine, and honeysuckle in subcanopy.							
	White Pine	12	Log/XLog	16		Irc	nwood	Low	w Variable Sapling		Incredibly dense sugar maple saplings, generally above browse height,							
	Black Cherry	3	Log/Pole	10		E	Beech	Low	w Variable Sapling s		apling stock the subcanopy across most of this stand. South half of stand is re							
	Sugar Maple	5	Pole/Log	8		WI	nite Ash	Trace	e < 5 feet Sanling									
	Red Pine	65	XLog/Log	18	92	Sug	ar Maple	High	Variable	Sapling	RP/WP/JP planted in 1931.							
	Quaking Aspon	10	Log/Polo	12														

Quaking Aspen

10

Log/Pole

12

Report 7 – Stands

Compartment: 147 Year of Entry: 2025



<b>8</b> 4110 - Suga	ır Maple Asso	ociation Sa	wtimb	er We	II 307.5 85 8	31-110	N/A		Trace black cherry, elm, paper birch, yellow birch, red maple, and
Canopy Species	% Cove	Size Class	DBH	l Age	Sub-Canopy Species	Density	Avg. Height	Size	rironwood in canopy. Rare elm, yew (just saw one on steep slope in southeast), white spruce, balsam fir (spruce and fir located in southeas
White Pine	2	XLog/Log	18		Prickly Or Wild Gooseberry	Trace	< 5 feet	Tall Shrub	
Red Pine	3	XLog/Log	18	95	Sugar Maple	Low	>20 feet	Sapling	dogwood, and red berried elder (Sambucus and dogwood on road edge
Red Oak	3	XLog/Log/Pole	18		Beech	High	Variable	Sapling	in disturbed soil) in subcanopy. Occasional white pine seedling near mature white pine. Bedstraw, leeks, helleborine present. Few
Sugar Maple	56	Log/Pole/XLog	10	85	Maple Leaved Viburnum	Trace	< 5 feet	Tall Shrub	
Basswood	28	Log/Pole/XLog	12		Striped Maple	Trace	5 - 10 feet	Sapling	density saplings; raspberry, bracken fern subcanopy. Stand was
Quaking Aspen	2	Log/XLog/Pole	12		Black Cherry	Low	< 5 feet	Sapling	thinned to 80 BA, completed in 2019 (52-136-14). Few pockets were
Bigtooth Aspen	3	Log/XLog	16		Ironwood	High	Variable	Sapling	skipped retaining higher BAs; some inoperable hillsides with higher BA as well. Couple pockets dominated by red pine with sapling/pole
Beech	3	Log/XLog	16		Red Oak	Trace	< 5 feet	Seeding	hardwood underneath. White and red pine were planted throughout
					Sugar Maple	High	< 5 feet	Seeding	much of this stand in the 1930s. Terrain is variable, especially so in the
					Blackberry/Raspberry	Low	< 5 feet	Tall Shrub	southeast; some ground is inoperable because of steepness. Obvious deer and elk sign; old bear sign. There are some beautiful log and xl red
					White Ash	Low	Variable	Sapling	oak in the southern and eastern portion of this stand concentrated on
					Basswood	Trace	Variable	Sapling	south facing slopes and along a ridge line east of the road and south of
								, ,	I the dirtbike trail. Pre-harvest stand had minimal beech in subcanopy. Post-harvest stand has high stocking of beech saplings.Some surviving beech, BBD present. EAB got to all the canopy ash; saplings are prese
9 4119 - Mixed		rdwoods Sa		Mediur I Age		1-50 Density	N/A Avg. Height	Size	A challenging stand to accurately represent. Stand is in limbo, transitioning from conifer to sugar maple association. The sapling laye

Canopy Species 9	% Cove	r Size Class	DBH	Age
White Pine	3	XLog/Log	18	
Sugar Maple	47	Sapling/Pole	3	46
Quaking Aspen	5	Pole/Log	8	
Red Maple	2	Pole/Sapling	6	
Ironwood	10	Sapling/Pole	4	
Jack Pine	10	Pole/Log/Sap	7	73
Basswood	4	Log/Pole/XLog	14	
Black Cherry	15	Log/Pole/Sap	10	
Red Pine	2	Log/XLog	16	

2

Pole/Sapling

6

	Sub-Canopy Species	Density	Avg. Height	Size
Ī	Ironwood	Low	Variable	Sapling
Ī	Beech	Low	Variable	Sapling
	Black Cherry	Low	Variable	Sapling
Ī	White Ash	Trace	Variable	Sapling
	Bracken Fern	Medium	Unspecified	Non-Wood
	Blackberry/Raspberry	Medium	< 5 feet	Tall Shrub
	Sugar Maple	Medium	Variable	Sapling

A challenging stand to accurately represent. Stand is in limbo, transitioning from conifer to sugar maple association. The sapling layer is now the prominent canopy with "super"canopy red/white/jack pine and some mature hardwood (basswood and cherry, specifically). Trace pin cherry, red oak, beech, white ash, and paper birch in canopy. Rare hazelnut, balsam fir in subcanopy.

American Elm



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
20	4116 - Mixed N. Hardwood - Aspen	Sawtimber Well	21.2	89	51-80	N/A	Multi-stemmed, wolfy timber; low quality. Bracken fe

N/A

Canopy Species	% Cove	r Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	1	Log	14		Balsam Fir	Low	Variable	Sapling
Bigtooth Aspen	25	Log/Pole/XLog	14		Bracken Fern	Low	Unspecified	Non-Wood
Basswood	5	Log/Pole	12		Ironwood	Low	Variable	Sapling
Ironwood	2	Pole/Log/Sap	8		Red Oak	Trace	Variable	Sapling
Quaking Aspen	2	Log/Pole	14	91	Black Cherry	Low	< 5 feet	Sapling
Sugar Maple	27	Log/Pole/XLog	10	89	White Ash	Trace	< 5 feet	Sapling
Red Oak	3	Pole/Log/XLog	8		Sugar Maple	Low	< 5 feet	Seeding
Red Maple	25	Log/Pole/XLog	12		Maple Leaved Viburnum	Trace	< 5 feet	Tall Shrub
Balsam Fir	1	Pole/Log	8		White Pine	Trace	< 5 feet	Sapling
Beech	9	Log/Pole	10	53	Serviceberry (Juneberry)	Low	Variable	Tall Shrub
					Beech	Medium	Variable	Sapling
					Wintergreen	Trace	< 5 feet	Tall Shrub

Multi-stemmed, wolfy timber; low quality. Bracken fern on more exposed slopes. Trace red pine volunteers. More oak on toe of slope, especially in the south half of the stand. Basswood and beech are clumpy. BBD. Rare hazelnut and white spruce in the subcanopy.

Southeast aspect, generally quite steep, dropping down into lowland. Multiple age classes and strata represented.

Occasional paper birch and yellow birch, XL sugar maple and beech. Openings throughout stand with large white pine stumps.

21 6117 - Lowland Deciduous, Mixed Poletimber Medium 36.5 68 51-80 Coniferous

Subcanopy alternates between dense alder and dense black ash. Rare hawthorn, bulrush, virgin's bower, sugar maple, black cherry, basswood, elm, beech, hazelnut, willow, and ironwood in subcanopy. Very active beaver in south portion of stand. Occasional black cherry on edge of

beaver in south portion of stand. Occasional black cherry on edge of west boundary. Trace beech is also along western edge.Stand densities, composition, and canopy closure are variable. Increased aspen as you travel south.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	2	Log	14		Tag Alder	Medium	10 - 20 feet	Tall Shrub
Balsam Fir	10	Pole/Log	8		Red Osier Dogwood	Trace	< 5 feet	Tall Shrub
Paper Birch	3	Pole/Log	8		White Spruce	Low	Variable	Sapling
Red Maple	30	Pole/Log	8	68	Serviceberry (Juneberry)	Trace	5 - 10 feet	Tall Shrub
Black Spruce	5	Log/Pole	10		Nannyberry	Trace	< 5 feet	Tall Shrub
Basswood	2	Pole/Log	8		Swamp Black Currant	Trace	< 5 feet	Tall Shrub
Yellow Birch	1	Pole/Log/Sap	7		Balsam Fir	Trace	Variable	Sapling
White Spruce	22	Log/XLog	16		Michigan Holly	Trace	5 - 10 feet	Tall Shrub
Quaking Aspen	20	Log/Pole/XLog	11		Black Ash	High	Variable	Sapling
American Elm	5	Pole/Sap/Log	6		Honeysuckle (spp.)	Trace	< 5 feet	Tall Shrub
					Common Buckthorn	Trace	5 - 10 feet	Tall Shrub

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Stand Level	1 Cover Type	s S	ize De	nsity	Acres	Stand Age B	A Range	Managed \$	Site	General Comments
<b>22</b> 6229 - Mi	xed lowland s	shrub	Nonsto	ocked	9.6	Ur	specified	No		1ac larch sap/pole clump in northeast. Grassy opening in center of stand has dense fleabane, trace willow and alder. Rare virgin's bower, black
					Sub-Ca	nopy Species	Density	Avg. Height	Size	cherry, elm, honeysuckle in stand.
					Re	ed Maple	Trace	Variable	Sapling	, s.i.s., y, s.i.i., i.o. i.o. i.o. i.o. i.o. i.o. i.o
					В	lack Ash	Trace	Variable	Sapling	
					Qua	king Aspen	Trace	>20 feet	Pole	
					Red O	sier Dogwood	Trace	< 5 feet	Tall Shrub	
					W	illow spp.	Low	5 - 10 feet	Tall Shrub	
					Ва	alsam Fir	Low	Variable	Sapling	
					merican H	ighbush Cranbei	r Trace	5 - 10 feet	Tall Shrub	
					Ta	amarack	Low	Variable	Sapling	
					Т	ag Alder	High	10 - 20 feet	Tall Shrub	
					١	linebark	Trace	5 - 10 feet	Tall Shrub	
<b>23</b> 6123	- Lowland Fi	r Pole	etimbe	r Mediu	ım 7.0	69	1-50	N/A		East half is more forested, 60-70% canopy closure; balsam fir dominated
Canopy Specie	s % Cove	r Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	with various conifer and deciduous species mixed in. Alder, willow, cherry, balsam fir subcanopy. West half is less forested, maybe 40%
Paper Birch	2	Pole/Sap/Log	6		Bla	ck Cherry	Medium	Variable	Sapling	canopy closure; scattered trees with higher alder subcanopy. North
Quaking Aspen	10	Log/Pole	12		N	linebark	Trace	< 5 feet	Tall Shrub	opens up to include highbush cranberry, nanyberry, and holly.
Red Maple	2	Log/Pole	10		Bla	ck Spruce	Trace	Variable	Sapling	West Branch Sturgeon River goes through middle of stand. Very wet.
Balsam Fir	67	Pole/Sap/Log	7	69	Wh	ite Spruce	Trace	Variable	Sapling	
Black Spruce	5	Pole	8		T	ag Alder	Medium	10 - 20 feet	Tall Shrub	
Northern White Ced	ar 2	Log/Pole	12	92	Micl	nigan Holly	Trace	5 - 10 feet	Tall Shrub	
Black Cherry	10	Sapling/Pole	4		W	illow spp.	Low	10 - 20 feet	Tall Shrub	
Tamarack	2	Pole/Log	8		Ва	alsam Fir	Medium	Variable	Sapling	
<b>24</b> 6124 - Lo	wland Spruc	e-Fir Sa	awtimb	er Wel	l 55.5	87	51-80	N/A		Sturgeon River runs through this stand. Spruce dominated with relatively
Canopy Specie	s % Cove	r Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	evenly scattered birch, red maple, and quaking aspen, 60-90% canopy closure. Some brooming in spruce. Far northeast is dominated by
American Elm	2	Pole/Sap/Log	6			alsam Fir	Low	Variable	Sapling	quaking aspen with a dense balsam fir subcanopy.
Balsam Fir	15	Log/Pole/Sap	12		Bla	ck Cherry	Trace	Variable	Sapling	Rare sugar maple, red oak, elm, hazelnut, white ash, elderberry, red
Black Spruce	25	Log/Pole	10	87	В	lack Ash	Medium	Variable	Sapling	osier dogwood, ninebark, michigan holly, common buckthorn, alder
White Spruce	25	Log/Pole/XLog	14	87		Beech	Trace	5 - 10 feet	Sapling	leafed buckthorn, and highbush cranberry in subcanopy. Active beaver.  Lots of various mammal tracks.
Northern White Ced	ar 1	Log/Pole	15		Blackbe	erry/Raspberry	Trace	< 5 feet	Tall Shrub	Couple pockets of dense sapling black ash with sap/pole (and scattered
Paper Birch	10	Log/Pole	12		T	ag Alder	Low	5 - 10 feet	Tall Shrub	log) birch, red maple, spruce, and fir.
Quaking Aspen	10	Log/Pole	14			p Gooseberry	Trace	< 5 feet	Tall Shrub	
White Pine	1	XLog/Log/Pole			Honey	suckle (spp.)	Trace	< 5 feet	Tall Shrub	
Red Maple	10	Log/Pole	10			ronwood	Trace	Variable	Sapling	
Tamarack	1	Log/Pole	10		Wh	ite Spruce	Trace	Variable	Sapling	
						ck Spruce	Low	< 5 feet	Sapling	
					Blueberry/E	Bilberry/Cranberr	y Low	< 5 feet	Tall Shrub	

Elderberry

Blueberry/Bilberry/Cranberry

Red Oak

Gaylord Mgt. Unit

Compartment: 147
Year of Entry: 2025



Stand	Level 4 Co	over Type	Si	ize De	nsity	Acres	Stand Age BA	A Range	Managed \$	Site	General Comments
25	4117 - Mixed N.	Hardwood	d - Pine Sa	pling l	/ledium	22.6	6	1-50	N/A		Harvested in February 2016. Residual sapling (some graduating into
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	pole) hardwood. Residual red pine plus retention island plus SMZ/fisheries buffer makes for a higher volume of red pine. Not terribly
	Beech	5	Sapling	1		W	hite Ash	Trace	< 5 feet	Sapling	impressive regeneration, but could be desirable species under the snow.
	Ironwood	5	Sapling/Pole	1		Wit	tch Hazel	Trace	5 - 10 feet	Tall Shrub	Barra harraharta aha
	Basswood	2	Sapling	1		Prickly Or \	Wild Gooseberry	/ Trace	< 5 feet	Tall Shrub	Rare hazelnut, elm.
	Red Maple	25	Sapling/Pole	1	6	R	ed Pine	Trace	5 - 10 feet	Sapling	
	Red Pine	20	Log/XLog/Pole	15	92	I	Beech	Medium	< 5 feet	Sapling	
	Paper Birch	1	Pole/Sapling	6		Honey	suckle (spp.)	Trace	< 5 feet	Tall Shrub	
	Balsam Fir	2	Pole/Sapling	6		Maple Le	aved Viburnum	Trace	< 5 feet	Tall Shrub	
(	Quaking Aspen	2	Sapling	1		Blackbe	rry/Raspberry	High	< 5 feet	Tall Shrub	
	Black Cherry	33	Sapling	1	6	Strip	oed Maple	Trace	Variable	Sapling	
	Sugar Maple	5	Sapling/Pole	1				,			
26	6229 - Mixed	lowland s	hrub N	Nonst	cked	13.3	Ur	specified	No		
						Sub-Ca	nopy Species	Density	Avg. Height	Size	
							ttail spp.	Low		Non-Wood	
						Ва	llsam Fir	Low		Sapling	
						Blad	ck Spruce	Low		Sapling	
						Red Os	sier Dogwood	Low		Tall Shrub	
							Alder	High		Tall Shrub	
27	6132 - Mixed Lowla	nd Forest	with Cedar Pole	timbe	· Mediu	m 46.7	100	81-110	N/A		Stand size increased by two-fold due to a land exchange, acquiring the
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	west half of this stand. Acreage acquired has had light harvesting (for hunting habitat) resulting in lower densities and a patchwork of small
	Paper Birch	35	Pole/Log/Sap	8	75		Fly Honeysuckle		< 5 feet		openings dominated by elderberry, black ash, and/or alder.
	Balsam Fir	5	Pole/Sapling	6		Mour	ntain Maple	Trace	< 5 feet	Sapling	Far east edge has cedar mortality due to a rising water table, likely the
	White Spruce	2	Log/XLog	16		Hazelr	nut (Beaked)	Trace	5 - 10 feet	Tall Shrub	influence of beavers. Areas with high stocking of black ash saplings. Common buckthorn is prolific in patches on the east edge as well.
	American Elm	3	Sapling/Pole	4		Blad	ck Spruce	Trace	< 5 feet	Sapling	Cedar is clumpy for the most part with BAs ranging 90-150 within clumps
	Red Maple	15	Pole/Log/Sap	7		Commo	on Buckthorn	Low	Variable	Tall Shrub	0-50 amongst birch and red maple.
Nor	thern White Cedar	40	Log/Pole/XLog	10	100	Mich	nigan Holly	Trace	5 - 10 feet	Tall Shrub	Bittersweet nightshade (Solanum) is present in low densities. Trace black
						BI	ack Ash	Medium	Variable	Sapling	spruce and basswood in the canopy. Rare willow, elm, sugar maple, nannyberry, creeping snowberry, red osier dogwood, cedar, and beech in
						Swamp	Red Currant	Trace	< 5 feet	Tall Shrub	
						Virgi	in's Bower	Low	5 - 10 feet	Vine	
							ck Cherry	Trace	Variable	Sapling	
							ılsam Fir	Low	Variable	Sapling	
						Re	ed Maple	Trace	Variable	Sapling	
						Ta	ag Alder	Low	10 - 20 feet	Tall Shrub	

Tall Shrub

Tall Shrub

Seeding

Variable

< 5 feet

< 5 feet

Medium

Trace

Trace



Stand	d Level 4 C	over Type	31.	20 00	nsity	Acres	Stand Age B	A Kange	Managed S	Site	General Comments
28	4319 - Mixed	d Upland Fo	orest Sav	wtimb	er Well	10.1	92	51-80	N/A		1931 Red Pine and Jack Pine planted @ 800 tpa over 26 acres.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Thinnings in 1984 and/or 1989. Canopy closure is 95% including hardwood midcanopy/canopy.Occasional cherry and elm (<4" dbh)
	Red Maple	10	Log/XLog	14		Blac	ck Cherry	Low	>20 feet	Sapling	along road. Jack Pine regen confined to south tip of western leg.Two
	Black Cherry	15	Sapling/Pole	4		Strip	oed Maple	Low	Variable	Sapling	distinct M3 pockets, otherwise it's two aged with hardwood regen mixing
	Basswood	5	Pole/Sap/Log	5		Blackbe	rry/Raspberry	Trace	< 5 feet	Tall Shrub	in with red pine canopy. Rare striped maple, gooseberry in subcanopy.
	Red Oak	1	Pole/Sap/Log	6		R	ed Oak	Trace	Variable	Sapling	
	Sugar Maple	5	Log/Pole	10		Re	ed Maple	Low	Variable	Sapling	
	Ironwood	2	Sapling/Pole/Log	4		Maple Lea	aved Viburnum	Trace	< 5 feet	Tall Shrub	
	Paper Birch	20	Pole/Sap/Log	7	34	E	Beech	Medium	Variable	Sapling	
	Balsam Fir	2	Pole/Log	8		WI	hite Ash	Trace	Variable	Sapling	
	Red Pine	40	XLog/Log	18	92	Sug	gar Maple	Low	>20 feet	Sapling	
				•		Ва	ılsam Fir	Low	Variable	Sapling	
						Lea	therwood	Trace	< 5 feet	Tall Shrub	
								1		Sapling	1
					Ĺ	Irc	onwood	Low	Variable	Sapiling	
29	6239 - Mixed E	Emergent W	Vetland N	lonsto	ocked	4.1	onwood	Low	No	Заріііід	Standing dead cedar and balsam fir.
29	6239 - Mixed E	Emergent W	Vetland N	lonsto	cked	4.1	nopy Species	Density		Size	High water. Inundated, pockets of standing water.
29	6239 - Mixed E	Emergent W	Vetland N	lonsto	ocked	4.1 Sub-Ca			No		High water. Inundated, pockets of standing water. Channels move through and around this stand. Evidence of beaver activity. Observed one clump of blue flag iris on west
29	6239 - Mixed E	Emergent W	√etland N	lonsto	ocked	4.1 Sub-Car Will Commo	nopy Species llow spp. on Buckthorn	Density	No Avg. Height 5 - 10 feet Variable	Size Tall Shrub	High water. Inundated, pockets of standing water. Channels move through and around this stand. Evidence of beaver activity. Observed one clump of blue flag iris on west edge.
29	6239 - Mixed E	Emergent W	√etland N	lonsto	ocked	4.1  Sub-Car  Will  Commo	nopy Species llow spp. on Buckthorn ag Alder	Density Trace Trace Low	No Avg. Height 5 - 10 feet Variable Variable	Size Tall Shrub	High water. Inundated, pockets of standing water. Channels move through and around this stand. Evidence of beaver activity. Observed one clump of blue flag iris on west edge.
29	6239 - Mixed E	Emergent W	/etland N	Nonsto	ocked	4.1  Sub-Car  Will  Commo	nopy Species llow spp. on Buckthorn	Density Trace Trace	No Avg. Height 5 - 10 feet Variable	Size Tall Shrub	High water. Inundated, pockets of standing water. Channels move through and around this stand. Evidence of beaver activity. Observed one clump of blue flag iris on west edge.
29	6239 - Mixed E	Emergent W	/etland N	lonsto	pocked	4.1  Sub-Car  Will  Commo	nopy Species llow spp. on Buckthorn ag Alder	Density Trace Trace Low	No Avg. Height 5 - 10 feet Variable Variable	Size Tall Shrub Tall Shrub Tall Shrub	High water. Inundated, pockets of standing water. Channels move through and around this stand. Evidence of beaver activity. Observed one clump of blue flag iris on west edge. Common buckthorn creeping in, especially from the west.
29		Emergent W			ocked [	4.1  Sub-Cal  Will  Commo  Ta  Northern  Cal	nopy Species Ilow spp. on Buckthorn ag Alder n White Cedar ttail spp.	Density Trace Trace Low Trace	No Avg. Height 5 - 10 feet Variable Variable >20 feet	Size Tall Shrub Tall Shrub Tall Shrub Pole	High water. Inundated, pockets of standing water. Channels move through and around this stand. Evidence of beaver activity. Observed one clump of blue flag iris on west edge. Common buckthorn creeping in, especially from the west.  Aspen colonizing opening; staggered heights, ages, diameters. Smaller
			Sal	wtimb		4.1  Sub-Cai  Will  Commo  Tai  Northern  Cai	nopy Species Ilow spp. on Buckthorn ag Alder on White Cedar ttail spp.	Density Trace Trace Low Trace Trace Trace	No Avg. Height 5 - 10 feet Variable Variable >20 feet Unspecified	Size Tall Shrub Tall Shrub Tall Shrub Pole	High water. Inundated, pockets of standing water. Channels move through and around this stand. Evidence of beaver activity. Observed one clump of blue flag iris on west edge. Common buckthorn creeping in, especially from the west.  Aspen colonizing opening; staggered heights, ages, diameters. Smaller diameter stand east of road (P/S 7"). Cherry, sugar maple, and red pine
	4130	- Aspen	Sal	wtimb	er Well	4.1  Sub-Cal  Will  Commod  Ta  Northern  Cal  2.6  Sub-Cal	nopy Species Illow spp. on Buckthorn ag Alder on White Cedar ttail spp.	Density Trace Trace Low Trace Trace Trace	No Avg. Height 5 - 10 feet Variable Variable >20 feet Unspecified N/A	Size Tall Shrub Tall Shrub Tall Shrub Tall Shrub Pole Non-Wood	High water. Inundated, pockets of standing water. Channels move through and around this stand. Evidence of beaver activity. Observed one clump of blue flag iris on west edge. Common buckthorn creeping in, especially from the west.  Aspen colonizing opening; staggered heights, ages, diameters. Smaller
30	4130 Canopy Species	- Aspen	Sav · Size Class	wtimb <b>DB</b> H	er Well	4.1  Sub-Cal  Will  Commo  Ta  Northern  Cal  2.6  Sub-Cal	nopy Species Ilow spp. on Buckthorn ag Alder on White Cedar ttail spp. 55 nopy Species	Density Trace Trace Low Trace Trace Trace Trace Trace	No Avg. Height 5 - 10 feet Variable Variable >20 feet Unspecified  N/A Avg. Height	Size Tall Shrub Tall Shrub Tall Shrub Pole Non-Wood	High water. Inundated, pockets of standing water. Channels move through and around this stand. Evidence of beaver activity. Observed one clump of blue flag iris on west edge. Common buckthorn creeping in, especially from the west.  Aspen colonizing opening; staggered heights, ages, diameters. Smaller diameter stand east of road (P/S 7"). Cherry, sugar maple, and red pine present on the edges of the stand.Rare red pine, paper birch, red oak,
30	4130 Canopy Species Sugar Maple	- Aspen % Cover	Sav • Size Class Pole	wtimb	er Well	4.1  Sub-Cal  Will  Commo  Ta  Northern  Cat  2.6  Sub-Cal  Will	nopy Species Illow spp. on Buckthorn ag Alder on White Cedar ttail spp.  55  nopy Species hite Ash	Density Trace Trace Low Trace	No  Avg. Height 5 - 10 feet Variable Variable >20 feet Unspecified  N/A  Avg. Height < 5 feet	Size Tall Shruk Tall Shruk Pole Non-Wood	High water. Inundated, pockets of standing water. Channels move through and around this stand. Evidence of beaver activity. Observed one clump of blue flag iris on west edge. Common buckthorn creeping in, especially from the west.  Aspen colonizing opening; staggered heights, ages, diameters. Smaller diameter stand east of road (P/S 7"). Cherry, sugar maple, and red pine present on the edges of the stand.Rare red pine, paper birch, red oak, white spruce in subcanopy.
30	4130 Canopy Species Sugar Maple Bigtooth Aspen	- Aspen  **Cover* 1 98	Sav Size Class Pole Log/Pole/Sap	wtimb  DBH  6  10	er Well	4.1  Sub-Ca  Wil  Commo  Ta  Northern  Cat  2.6  Sub-Ca  Wil  Iro  Maple Lea	nopy Species Illow spp. on Buckthorn ag Alder on White Cedar Ittail spp.  55  nopy Species hite Ash onwood	Density Trace Trace Low Trace	No  Avg. Height 5 - 10 feet  Variable  Variable  >20 feet  Unspecified  N/A  Avg. Height  < 5 feet  Variable	Size Tall Shrub Tall Shrub Pole Non-Wood Size Sapling	High water. Inundated, pockets of standing water. Channels move through and around this stand. Evidence of beaver activity. Observed one clump of blue flag iris on west edge. Common buckthorn creeping in, especially from the west.  Aspen colonizing opening; staggered heights, ages, diameters. Smaller diameter stand east of road (P/S 7"). Cherry, sugar maple, and red pine present on the edges of the stand.Rare red pine, paper birch, red oak, white spruce in subcanopy.
30	4130 Canopy Species Sugar Maple Bigtooth Aspen	- Aspen  **Cover* 1 98	Sav Size Class Pole Log/Pole/Sap	wtimb  DBH  6  10	er Well	4.1  Sub-Cai  Will  Common  Tai  Northerm  Cai  2.6  Sub-Cai  Will  Iroc  Maple Lea	nopy Species Illow spp. on Buckthorn ag Alder on White Cedar Ittail spp.  55  nopy Species hite Ash onwood aved Viburnum	Density Trace Trace Low Trace	No  Avg. Height 5 - 10 feet Variable Variable >20 feet Unspecified  N/A  Avg. Height < 5 feet Variable < 5 feet	Size Tall Shrub Tall Shrub Pole Non-Wood Size Sapling Sapling Tall Shrub	High water. Inundated, pockets of standing water. Channels move through and around this stand. Evidence of beaver activity. Observed one clump of blue flag iris on west edge. Common buckthorn creeping in, especially from the west.  Aspen colonizing opening; staggered heights, ages, diameters. Smaller diameter stand east of road (P/S 7"). Cherry, sugar maple, and red pine present on the edges of the stand.Rare red pine, paper birch, red oak, white spruce in subcanopy.
30	4130 Canopy Species Sugar Maple Bigtooth Aspen	- Aspen  **Cover* 1 98	Sav Size Class Pole Log/Pole/Sap	wtimb  DBH  6  10	er Well	4.1  Sub-Cai  Will  Common  Tai  Northerm  Cai  2.6  Sub-Cai  Will  Iron  Maple Lead  Sug  Re	nopy Species Illow spp. on Buckthorn ag Alder on White Cedar ttail spp.  55 nopy Species hite Ash onwood aved Viburnum gar Maple	Density Trace Trace Low Trace Low	No  Avg. Height 5 - 10 feet Variable Variable >20 feet Unspecified  N/A  Avg. Height < 5 feet Variable < 5 feet Variable	Size Tall Shrub Tall Shrub Pole Non-Wood Size Sapling Sapling Tall Shrub Sapling	High water. Inundated, pockets of standing water. Channels move through and around this stand. Evidence of beaver activity. Observed one clump of blue flag iris on west edge. Common buckthorn creeping in, especially from the west.  Aspen colonizing opening; staggered heights, ages, diameters. Smaller diameter stand east of road (P/S 7"). Cherry, sugar maple, and red pine present on the edges of the stand.Rare red pine, paper birch, red oak, white spruce in subcanopy.
30	4130 Canopy Species Sugar Maple Bigtooth Aspen	- Aspen  **Cover* 1 98	Sav Size Class Pole Log/Pole/Sap	wtimb  DBH  6  10	er Well	4.1  Sub-Cal  Will  Commo  Ta  Northern  Cal  2.6  Sub-Cal  Will  Irc  Maple Lea  Sug  Re	nopy Species Illow spp. on Buckthorn ag Alder on White Cedar ttail spp.  55 nopy Species hite Ash onwood aved Viburnum gar Maple ed Maple	Density Trace Trace Low Trace	No  Avg. Height 5 - 10 feet Variable Variable >20 feet Unspecified  N/A  Avg. Height < 5 feet Variable < 5 feet Variable 5 - 10 feet	Size Tall Shrub Tall Shrub Pole Non-Wood Size Sapling Sapling Tall Shrub Sapling Sapling Sapling	High water. Inundated, pockets of standing water. Channels move through and around this stand. Evidence of beaver activity. Observed one clump of blue flag iris on west edge. Common buckthorn creeping in, especially from the west.  Aspen colonizing opening; staggered heights, ages, diameters. Smaller diameter stand east of road (P/S 7"). Cherry, sugar maple, and red pine present on the edges of the stand.Rare red pine, paper birch, red oak, white spruce in subcanopy.
30	4130 Canopy Species Sugar Maple Bigtooth Aspen	- Aspen  **Cover* 1 98	Sav Size Class Pole Log/Pole/Sap	wtimb  DBH  6  10	er Well	4.1  Sub-Cal  Will  Commo  Ta  Northern  Cat  2.6  Sub-Cal  Will  Iro  Maple Lea  Sug  Re  Ba	nopy Species Illow spp. on Buckthorn ag Alder on White Cedar ttail spp.  55 nopy Species hite Ash onwood aved Viburnum gar Maple dd Maple Beech	Density Trace Trace Low Trace Low Trace Low Trace Low	No  Avg. Height 5 - 10 feet  Variable  >20 feet  Unspecified  N/A  Avg. Height  < 5 feet  Variable  < 5 feet  Variable  Variable  Variable  Variable  5 - 10 feet  Variable	Size Tall Shrub Tall Shrub Pole Non-Wood Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	High water. Inundated, pockets of standing water. Channels move through and around this stand. Evidence of beaver activity. Observed one clump of blue flag iris on west edge. Common buckthorn creeping in, especially from the west.  Aspen colonizing opening; staggered heights, ages, diameters. Smaller diameter stand east of road (P/S 7"). Cherry, sugar maple, and red pine present on the edges of the stand.Rare red pine, paper birch, red oak, white spruce in subcanopy.



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

31 4119 - Mixed Northern Hardwoods Poletimber Medium 20.7 73 51-80 N/A

Canopy Species % Cover Size Class DBH Age Sub-Canopy Species Density Avg. Height

10 Log/Pole Sugar Maple 10 Paper Birch Pole/Sapling 6 2 8 Red Pine Pole Quaking Aspen 5 Log/Pole 10 Balsam Fir 15 Pole/Log/Sap 8 51 White Spruce 5 Pole/Log 8 White Pine 1 8 Pole/Log Red Maple 35 Log/Pole 10 73 25 Black Cherry Pole/Log 8

Gaylord Mgt. Unit

•	Sub-Canopy Species	Density	Avg. Height	Size
	Balsam Fir	Medium	Variable	Sapling
	Ironwood	Low	Variable	Sapling
	White Spruce	Low	Variable	Sapling
	White Ash	Trace	< 5 feet	Sapling
	Red Pine	Low	Variable	Sapling
	Common Buckthorn	Trace	5 - 10 feet	Tall Shrub
	Black Cherry	Medium	Variable	Sapling
	Common Lilac	Trace	5 - 10 feet	Tall Shrub
Ī	Sugar Maple	Medium	Variable	Sapling
	Quaking Aspen	Trace	Variable	Sapling
	Serviceberry (Juneberry)	Low	Variable	Sapling
	White Pine	Low	Variable	Sapling
	Red Maple	Medium	Variable	Sapling
	Honeysuckle (spp.)	Trace	5 - 10 feet	Tall Shrub
	Hawthorn (spp.)	Trace	Variable	Tall Shrub
	Beech	Low	Variable	Sapling
	Bracken Fern	Low	Unspecified	Non-Wood
	Blackberry/Raspberry	Low	< 5 feet	Tall Shrub

Primarily upland but drops into lowland along northerly stand. Cherry concentrated along edges of more densely vegetated areas and road. Few elm on the edges too. Trace ironwood, basswood, red oak in canopy. Rare witch hazel and alternate-leafed dogwood in subcanopy. Areas with high stocking of hardwood regeneration. Age and structural diversity/variability making this stand multistoried.

32 6118 - Lowland Deciduous with Cedar Poletimber Medium 7.6 88 81-110

Canopy Species	% Cove	r Size Class	DBH	Age
Paper Birch	40	Pole/Log/Sap	8	88
American Elm	5	Pole/Sap/Log	7	
Red Maple	15	Pole/Sap/Log	8	
Yellow Birch	15	Pole/Sap/Log	8	
White Spruce	5	Log/XLog	16	
Northern White Cedar	20	Log/Pole/XLog	16	

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Trace	10 - 20 feet	Tall Shrub
Quaking Aspen	Trace	Variable	Sapling
Black Cherry	Trace	Variable	Sapling
Common Buckthorn	Trace	5 - 10 feet	Tall Shrub
Sugar Maple	Low	Variable	Sapling
Michigan Holly	Trace	< 5 feet	Tall Shrub
White Spruce	Low	Variable	Sapling
Elderberry	Low	< 5 feet	Tall Shrub
Mountain Maple	Low	Variable	Sapling
Blackberry/Raspberry	Trace	< 5 feet	Tall Shrub
Balsam Fir	Low	Variable	Sapling
Japanese Barberry	Trace	< 5 feet	Tall Shrub
Skunk Currant	Trace	< 5 feet	Tall Shrub
Beech	Trace	Variable	Sapling
Black Ash	Medium	Variable	Sapling
Hazelnut (Beaked)	Low	5 - 10 feet	Tall Shrub
Virgin's Bower	Low	Unspecified	Vine

N/A

Trace balsam fir, basswood, and black cherry in the canopy. Rare basswood and red osier dogwood in the subcanopy. Scattered dead black ash and elm. Browsing evident on ash saplings. Sugar maple saplings, hazelnut, and canopy black cherry (pole) increase in the east. Barberry present in west half of stand. Common buckthorn on perimeter.

t 7 – Stands Compartment: 147
Year of Entry: 2025

DNR DNR

Stand	d Level 4 C	over Type	S	Size De	nsity	Acres Stand	d Age BA	A Range	Managed	Site	General Comments
33	4119 - Mixed No	orthern Har	dwoods Sa	awtimb	er Well	40.7 68	8	81-110	N/A		Trace elm, white pine, bigtooth aspen in canopy. Rare leatherwood, red
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy S	Species	Density	Avg. Height	Size	oak, hemlock (one in south), and yew in subcanopy. Red maple is multi- stemmed. Some multi-stemmed sugar maple, beech, and birch. Stand
	Balsam Fir	8	Log/Pole	10		Maple Leaved V	iburnum	Low	< 5 feet	Tall Shrub	
	Sugar Maple	25	Log/Pole/XLog	10		Sugar Map	ole	Medium	< 5 feet	Seeding	maple dominate east stand boundaries, especially where slopes crest or
	White Spruce	3	Log/Pole	14		Beech		Medium	Variable	Sapling	flatten. Beech and paper birch are not uniform throughout the stand - beech is present mostly in the center of the stand, tapering a bit as you
	Red Maple	40	Log/Pole/XLog	10	68	White Spru	ıce	Trace	Variable	Sapling	progress northeast and is not present in south portion of stand. Paper
	Ironwood	1	Pole/Sapling	6		Balsam F	ir	Medium	Variable	Sapling	birch is mostly present in the northern most and western portion of stand
	Paper Birch	5	Log/Pole/XLog	10		Striped Ma	ple	Trace	Variable	Sapling	
	Basswood	6	Log/Pole	12	76	Quaking As	pen	Trace	< 5 feet	Sapling	
	Beech	4	Pole/Log/Sap	7		Balsam F	ir	Low	>20 feet	Pole	
	Yellow Birch	3	Log/Pole	10		Ironwood	d	Medium	Variable	Sapling	
	Black Cherry	2	Pole/Log	8		Sugar Map	ole	Low	>20 feet	Sapling	
	Bigtooth Aspen	3	Log/Pole/XLog	14							
34	4110 - Sugar I	Maple Asso	ciation Sa	awtimb	er Well	38.1 89	9	51-80	N/A		Variable stand with uneven terrain (some steep slopes), varying
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy S	Species	Density	Avg. Height	Size	densities, diameters, and species composition. Slope and flat acreage in
	Paper Birch	1	Pole/Log	8	J -	White Spru	-	Trace	Variable	Sapling	south has larger timber, higher BAs. Trace amounts of hemlock (located in SW draw only), black cherry (most log-sized cherry is dead),
	Basswood	48	Log/Pole/XLog	12	94	Beech		Medium	Variable	Sapling	occasional XL sugar maple, balsam fir, elm, ironwood, red maple, and
	Sugar Maple	49	Log/Pole	12	89	Sugar Mar	ole	Medium	< 5 feet	Seeding	white spruce in canopy. Rare honeysuckle, juneberry, prickly gooseberry
	Bigtooth Aspen	1	Log/Pole/XLog	14		Balsam F		Trace	Variable	Sapling	elm, and striped maple in subcanopy.  Ash and beech have all but fallen out of the canopy from EAB and BBD,
	Beech	1	Log/Pole/XLog			Ironwood	b	High	Variable	Sapling	respectively. Browsing pressure on subcanopy. Maple leaved viburnum
			<u> </u>			White As	h	Low	Variable	Sapling	associated with BTA.
						Maple Leaved V	iburnum	Trace	< 5 feet	Tall Shrub	
						Black Che	rry	Trace	< 5 feet	Sapling	
35	3303 - Mixed L	ow Density	/ Trees	Nonsto	cked	16.9	Un	specified	No		Rare hawthorn, basswood, white pine, white spruce within opening. Blac
						Sub-Canopy S	Species	Density	Avg. Height	Size	cherry present in Pole/Sap/Log. Fleabane, field strawberry, goldenrod present. Pipeline under road.
						Bracken Fe	ern	Medium	Unspecified	Non-Wood	Clump in north end of mature aspen with black cherry (pole), subcanopy
						Spotted Knap	weed	High	Unspecified	Non-Wood	black cherry, balsam fir, sugar maple, ironwood, beech, red maple, white
						Balsam F		Trace	Variable	Sapling	pine.
						Honeysuckle	(spp.)	Medium	< 5 feet	Tall Shrub	
						Red Pine		Trace	< 5 feet	Sapling	
						Sugar Map	ole	Low	Variable	Sapling	
						Black Che		Medium	>20 feet	Pole	
						Quaking As		Trace	>20 feet	Log	
						Juniper	•	Trace	< 5 feet	Tall Shrub	
						Blackberry/Ras		Medium	< 5 feet	Tall Shrub	

Bracken Fern

Red Pine

Blackberry/Raspberry

Red Maple

Gaylord Mgt. Unit

Compartment: 147
Year of Entry: 2025



Stand	Level 4 Co	over Type	S	Size De	nsity	Acres	Stand Age	BA Range	Managed	Site	General Comments
36	4110 - Sugar M	/laple Asso	ciation Sa	awtimb	er Wel	24.8	71	81-110	N/A		Generally northwest to flat aspect. Bigtooth aspen mostly in northeast,
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	trace in southeast. Trace elm, balsam fir, red maple, yellow birch, white ash, white spruce in canopy. Rare red oak, honeysuckle, striped maple,
(	Quaking Aspen	5	Log/Pole/XLog	14		Whi	te Spruce	Trace	Variable	Sapling	yew, basswood, elm, hazelnut in subcanopy. Dead ash and beech in
	Paper Birch	4	Pole/Log	8		Iro	onwood	High	Variable	Sapling	canopy. Sharp lobed hepatica, helleborine, and partridgeberry present.
1	Bigtooth Aspen	1	Log/XLog	16		Sug	gar Maple	High	< 5 feet	Seeding	Fairly certain there's a local population of Geum fragarioides (Barren Strawberry) in the west.
	Sugar Maple	50	Pole/Log/XLog	8	71	Maple Le	aved Viburnui	m Trace	< 5 feet	Tall Shrub	Paper birch volumes most prominent on west edge.
	Ironwood	2	Pole/Sapling	6		Ва	ılsam Fir	Low	Variable	Sapling	
	Basswood	38	Log/Pole	12		Blad	ck Cherry	Trace	< 5 feet	Sapling	
			-			Sug	gar Maple	Low	>20 feet	Sapling	
						-	Beech	Low	Variable	Sapling	
						W	hite Ash	Low	< 5 feet	Sapling	
37	3104 - I	Degraded		Nonst	ocked	3.7	0	Unspecified	No		Cherry present in sap/pole/log; red pine pole/sap/log; jack pine pole/sap.
						Sub-Ca	nopy Species	s Density	Avg. Height	Size	
						Honeys	suckle (spp.)	Trace	< 5 feet	Tall Shrub	
						Iro	onwood	Trace	Variable	Sapling	
						Ва	ılsam Fir	Low	Variable	Sapling	
						Com	mon Lilac	Trace	5 - 10 feet	Tall Shrub	
						Blad	ck Cherry	Low	Variable	Sapling	
						Ja	nck Pine	Trace	Variable	Pole	
						Spotte	d Knapweed	High	Unspecified	Non-Wood	

Low

Low

Low

Trace

Non-Wood

Pole

Tall Shrub

Sapling

Unspecified

Variable

< 5 feet

Variable

<b>38</b> 4119 - Mixed N	orthern Ha	ardwoods F	Poletimb	er Wel	II 216.8	85	81-110	N/A	
Canopy Species	% Cove	er Size Class	DBH	H Age	Sub-Cand	py Species	Density	Avg. Height	Size
Bigtooth Aspen	10	Log/XLog/Pol	e 16		Whit	te Ash	Trace	< 5 feet	Sapling
Red Maple	22	Log/Pole/XLo	g 11		Iron	wood	Medium	Variable	Sapling
Sugar Maple	30	Pole/Log/XLo	g 9	85	White	Spruce	Trace	Variable	Sapling
Yellow Birch	2	Log/Pole	12		Ве	ech	Medium	Variable	Sapling
Quaking Aspen	5	Log/Pole/XLo	g 12		Stripe	d Maple	Trace	Variable	Sapling
White Pine	2	XLog/Log/Pol	e 18		Sugar	r Maple	Low	>20 feet	Sapling
Basswood	18	Log/Pole/XLo	g 11		Maple Leav	ed Viburnum	Trace	< 5 feet	Tall Shrul
Ironwood	1	Pole/Sapling	6		Balsa	am Fir	Trace	Variable	Sapling
Beech	10	Log/Pole	10				'		'

A hilly stand with a few small plateaus. Upslope composition varies from downslope in most cases. Southeast quadrant is lesser quality, pole dominated. Southwest quad is more log dominated (still with a high volume of poles) and better quality. Northwest quad is again lesser quality, log red maple, beech, sugar maple, and aspen dominated. Northeast quad is thin-able but has challenging access, though the southern portion of this quadrant is lesser quality. BAs range 50-140, 94 ave. Trace red oak and elm in canopy. Rare honeysuckle, white pine, serviceberry, black cherry in subcanopy. Few paper birch and white ash snags. QA is declining. Ironwood and beech sapling densities are clumpy (high in areas, low in others).

Report 7 - Stands Gaylord Mgt. Unit



Stand	Level 4 C	over Type	Si	ize De	nsity	Acres	Stand Age E	A Range	Managed S	Site	General Comments
39	4119 - Mixed No	orthern Har	dwoods Pole	timbeı	r Mediur	m 14.8	74	51-80	N/A		Potholes throughout the stand, generally non-forested. Hilly. Really nice
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	sugar maple regeneration throughout forested portion; extremely desirable. Decent pole/log canopy, basswood and sugar maple
	Quaking Aspen	5	Pole/Log	8		Wh	ite Ash	Low	< 5 feet	Sapling	dominated with scattered white pine. Trace white ash, paper birch, and
	Sugar Maple	35	Pole/Log/Sap	8		Suga	ar Maple	High	Variable	Sapling	red oak in canopy. Rare witch hazel, white spruce, and white pine in
	Ironwood	4	Pole/Sapling	5		Iro	nwood	Medium	Variable	Sapling	subcanopy.
	American Elm	1	Pole/Sap/Log	6		Serviceber	ry (Juneberry)	Trace	>20 feet	Sapling	
	Basswood	37	Log/Pole	10	74						
	White Pine	10	Log/Pole	12							
	Red Maple	2	Pole/Log	8							
	Black Cherry	6	Pole/Log	8							
40	42290 - Natu	ural Mixed I	Pine Pole	timbeı	r Mediur	m 2.5	20	51-80	N/A		Old landing with red and jack pine volunteers. Rare prickly gooseberry in
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	subcanopy.
	Red Maple	1 :	Sapling/Pole/Log	4		Serviceber	ry (Juneberry)	Trace	Variable	Sapling	
	Jack Pine	45	Pole/Log/Sap	7	20	Blackberi	ry/Raspberry	Low	< 5 feet	Tall Shrub	
	Red Pine	45	Pole/Sapling	6	20	Red	d Maple	Trace	Variable	Sapling	
	Black Cherry	9	Pole/Log	6		Honeysı	uckle (spp.)	Low	< 5 feet	Tall Shrub	
				•		White	e Spruce	Trace	< 5 feet	Sapling	
						Iro	nwood	Trace	Variable	Sapling	
						Bals	sam Fir	Medium	Variable	Sapling	
						Brack	ken Fern	Medium	Unspecified	Non-Wood	
						Re	d Pine	Low	10 - 20 feet	Sapling	
						В	eech	Trace	< 5 feet	Sapling	
41	3103 - R	Rubus-Fern	١	Nonsto	ocked	0.6	0 U	Inspecified	No		Nonforested opening with encroaching hardwood and pine. Cherry is
						Sub-Can	opy Species	Density	Avg. Height	Size	sap/pole/log, red pine is sap/pole.
						Brack	ken Fern	Medium	Unspecified	Non-Wood	
						Whi	ite Pine	Trace	10 - 20 feet	Sapling	
						Scot	tch Pine	Trace	5 - 10 feet	Sapling	
						Iro	nwood	Trace	Variable	Sapling	
						Black	k Cherry	Low	Variable	Sapling	
						Honeysı	uckle (spp.)	Trace	< 5 feet	Tall Shrub	
						Blackberr	ry/Raspberry	High	< 5 feet	Tall Shrub	
						Re	d Pine	Low	Variable	Sapling	

Gaylord Mgt. Unit

Report 7 - Stands



Stan	d Level 4 C	over Type	S	ize De	nsity	Acres	Stand Age	в ВА	Range	Managed 9	Site	General Comments
42	3103 - F	Rubus-Fern	1	Nonsto	cked	1.3	0	Uns	pecified	No		Sap/Log white spruce, pole/sap white pine, P/S/L red pine, S/P/L black
						Sub-Ca	nopy Speci	ies	Density	Avg. Height	Size	cherry. Conifer, cherry, and juneberry volunteers, otherwise bracken fern dominated. Two raspberry sprigs.
						R	ted Pine		Low	>20 feet	Pole	acimilatoan i no raspasti) spriger
						Bla	ck Cherry		Low	Variable	Sapling	
						Servicebe	erry (Junebe	rry)	Low	Variable	Sapling	
							Beech		Trace	5 - 10 feet	Sapling	
						Bra	cken Fern		Full	Unspecified	Non-Wood	
						W	hite Pine		Low	>20 feet	Pole	
						Whi	ite Spruce		Trace	Variable	Sapling	
						In	onwood		Trace	Variable	Sapling	
43	330 - Low-l	Density Tre	ees 1	Nonsto	cked	0.7	0	Uns	pecified	No		Only the northwest 1/4ac is truly non-forested; bracken dominated. The
						Sub-Ca	nopy Speci	ies	Density	Avg. Height	Size	rest of the stand is overgrown with saplings and scattered pole- and log- sized trees. BC S/P, QA S/P/L, BF S/P/L, WS S/P.
						Ва	alsam Fir		Medium	Variable	Sapling	, 51252 10001 20 071 , 12 1071 /2, 21 071 /2, 110 071 1
						Honey	suckle (spp.)	)	Trace	< 5 feet	Tall Shrub	
						Whi	ite Spruce		Trace	>20 feet	Sapling	
						Bra	cken Fern		High	Unspecified	Non-Wood	
						Re	ed Maple		Medium	>20 feet	Sapling	
						Qual	king Aspen		Low	Variable	Sapling	
						Bla	ck Cherry		Medium	Variable	Sapling	
						Ir	onwood		Medium	Variable	Sapling	
						Suç	gar Maple		Low	< 5 feet	Seeding	
44	4117 - Mixed N	. Hardwood	d - Pine Po	letimb	er Well	6.7	83	5	51-80	N/A		Long Term Retention for parent stand 8. Trace red maple, quaking aspen in canopy. Rare hazelnut in subcanopy. Canopy log white pine and pole
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Speci	ies	Density	Avg. Height	Size	hardwood; dense desirable hardwood subcanopy in west; east is less
	American Elm	5	Pole/Sap/Log	7		W	hite Ash		Low	< 5 feet	Sapling	dense. Some mortality in elm.
	Red Pine	5	Log/XLog	16	92	Re	ed Maple		Trace	Variable	Sapling	
	Bigtooth Aspen	3	Log	14		Suç	gar Maple		Medium	Variable	Sapling	
	Ironwood	2	Pole/Sapling	6		In	onwood		Medium	Variable	Sapling	
	White Pine	20	Log/XLog	16	92	Ва	alsam Fir		Trace	< 5 feet	Sapling	
	Basswood	15	Log/Pole	10			Beech		Trace	5 - 10 feet	Sapling	
	Sugar Maple	50	Pole/Log	8	83							

Gaylord Mgt. Unit

# Report 7 - Stands



Stand	Level 4 Cover Type	Size Density	Acres	Stand A	ge BA	Range	Managed 9	Site
46	3103 - Rubus-Fern	Nonstocked	0.3	0	Uns	specified	No	
			Sub-Ca	пору Sp	ecies	Density	Avg. Height	Size
			Suç	gar Maple		Trace	Variable	Sapling
			Re	ed Maple		Trace	Variable	Sapling
			Servicebe	erry (June	berry)	Trace	10 - 20 feet	Sapling
			Honey	suckle (sp	pp.)	Trace	< 5 feet	Tall Shrub
			In	onwood		Low	Variable	Sapling
			Bra	cken Ferr	1	Full	Unspecified	Non-Wood
			Whi	ite Spruce	)	Trace	10 - 20 feet	Sapling
			Bla	ck Cherry		Trace	Variable	Sapling
				Beech		Low	Variable	Sapling