

Compartment Review Presentation

Gwinn Forest Management Unit

Compartment 32039 Entry Year 2027 Acreage: 2,596

County: Marquette

Management Area: Suomi Till and Outwash Plain

Stand Examiner: Sean Fischer

Legal Description:

T45N R26W, Sections 22, 27, and 34

Identified Planning Goals:

Planning will focus on integrated timber management, forest recreation, fisheries management, and wildlife habitat management. Increasing public access is a high priority. Forest road maintenance, trespass incidents, forest regeneration, forest health, forest fire control, stream crossings, water quality, and any resource damage issues are critical assessments considered during the forest mapping, inventory, public comment, and forest management planning processes.

Soil and topography:

Terrain ranges from fairly level to very steep slopes with high ridges and sinkholes. Soils range from excessively drained sands including Rubicon, Croswell, Munising, and Kalkaska to

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

This compartment can be separated into a northern portion and a smaller southern portion. Access to the southern block is problematic. Other large state parcels surround this compartment except for a few small private parcels. Some seasonal camps are found within this compartment.

Unique Natural Features:

Haywire Lake.

Archeological, Historical, and Cultural Features:

Special Management Designations or Considerations:

Watershed and Fisheries Considerations:

This compartment contains Chandler Brook, Miller Creek and Hay Wire Lake. Chandler Brook and Miller Creek are designated Type 1 trout streams less than 50-ft wide and have predicted mean July water temperatures of 63.3 and 65.2°F (cold streams), respectively. 300-ft buffers are recommended for Chandler Crook and Miller Creek in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, a minimum 100-foot, plus 5 feet per 1% increase in slope, Riparian Management Zone is recommended to protect these areas in accordance with Best Management Practices.

Hay Wire Lake is a 12-acre natural inland lake. A minimum 100-foot, plus 5 feet per 1% increase in slope, Riparian Management Zone is recommended to protect inland lake resources in accordance with Best Management Practices.

Wildlife Habitat Considerations:

This compartment is found within the Soumi Till and Outwash Management Area, on a Disintegration Moraine in Southwestern Marquette County. The dominant Natural Communities are dry mesic northern forests, poor conifer swamps, and mesic northern forests. This management area offers opportunities to increase diversity and perhaps long-term oak sustainability through underplanting white and red pine. Another priority is to maintain or increase wildlife corridors, especially along riparian corridors. Wildlife management issues in the management area are mast (hard and soft); habitat fragmentation; mature forest conditions; mesic conifer; course woody debris; and retention or development of large living and dead standing trees (for cavities). This management area represents approximately ¼ of the oak resource on WUP state forest. The following have been identified as featured species for the Suomi Till and Outwash Management Area: Blackburnian Warbler, Golden-winged Warbler, Kirtland's Warbler, Red Crossbill, Black-backed Woodpecker, Ruffed Grouse, American Marten, White-tailed Deer, Black Bear.

Mineral Resource and Development Concerns and/or Restrictions

Sections 22, 27, & 34, T45N R26W, Marquette County

Surface sediments consist of medium- and coarse-textured glacial till and peak and muck. The glacial drift thickness varies between 100 and 200 feet. Archean granite/gneiss and minor Proterozoic Munising Group subcrop below the glacial drift.

Some of the granite/gneiss has been/could be used as dimension stone. Gravel pits are located in the area (some on State land) and potential is good. Abandoned iron mines are located three miles to the east. This area was previously leased for metallic mineral exploration. There is no economic oil and gas production in the UP.

Vehicle Access:

Vehicle access to the center and northern portions of the compartment is very good via Crooked Lake Road, Haywire Lake Road, and numerous forest roads. Vehicle and public access to the south portion of this compartment is poor.

Survey Needs:

Survey requests for the establishment of several monuments will be submitted.

Recreational Facilities and Opportunities:

This compartment contains a segment of the Bass Lake Motorcycle Trail. ATVs utilize many of the forest roads. Hunting and wildlife observation are important recreational activities. Forest roads in this compartment provide access to Haywire Lake. An informal boat launch allows people to boat and fish on Haywire Lake.

Fire Protection:

This compartment has a relatively low risk for wildfire.

Additional Compartment Information:

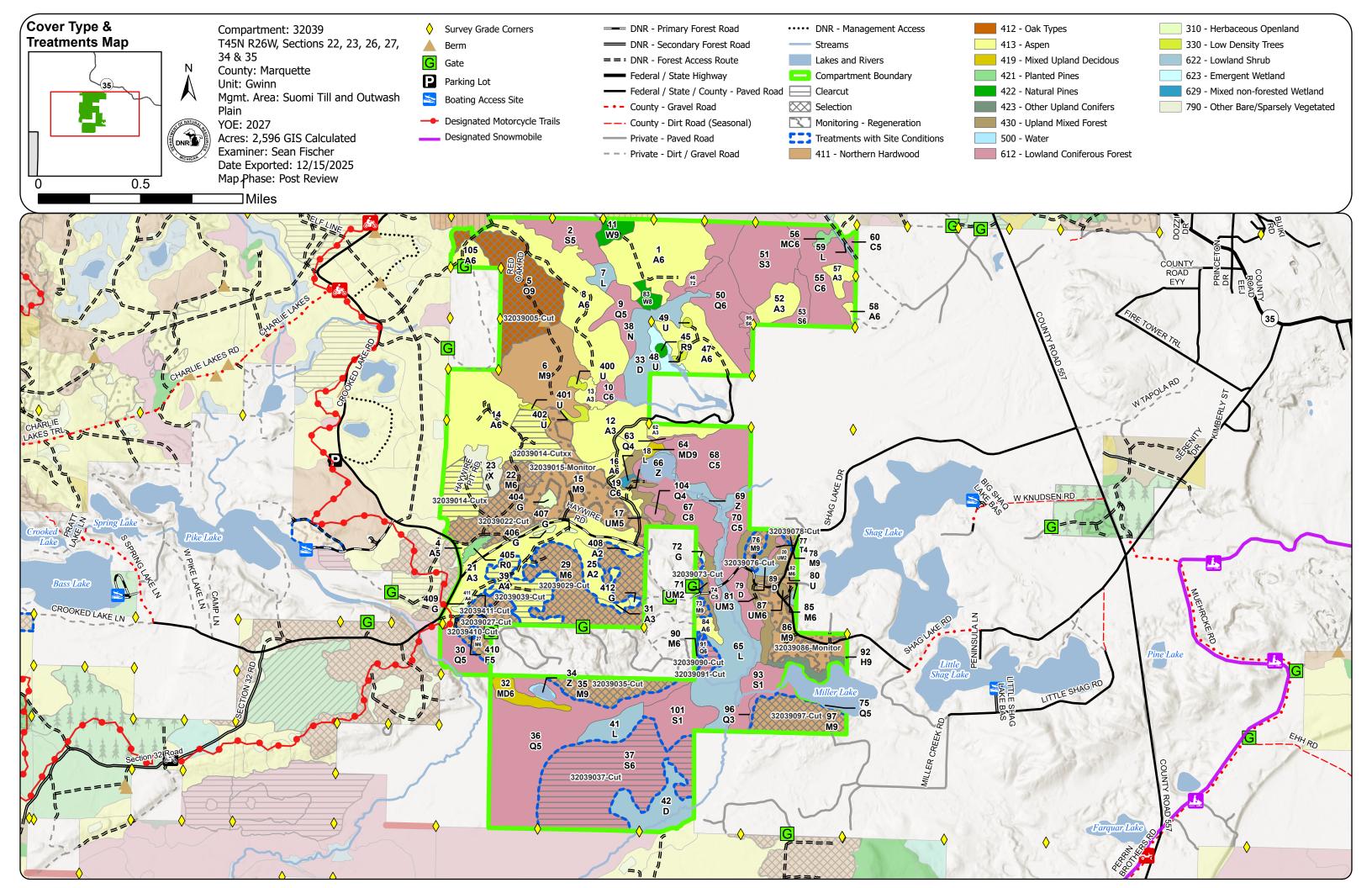
Haywire Lake Road is a DNR maintained road. There are numerous large holes to repair on this road. Keeping this road graded and well-maintained is a difficult task.

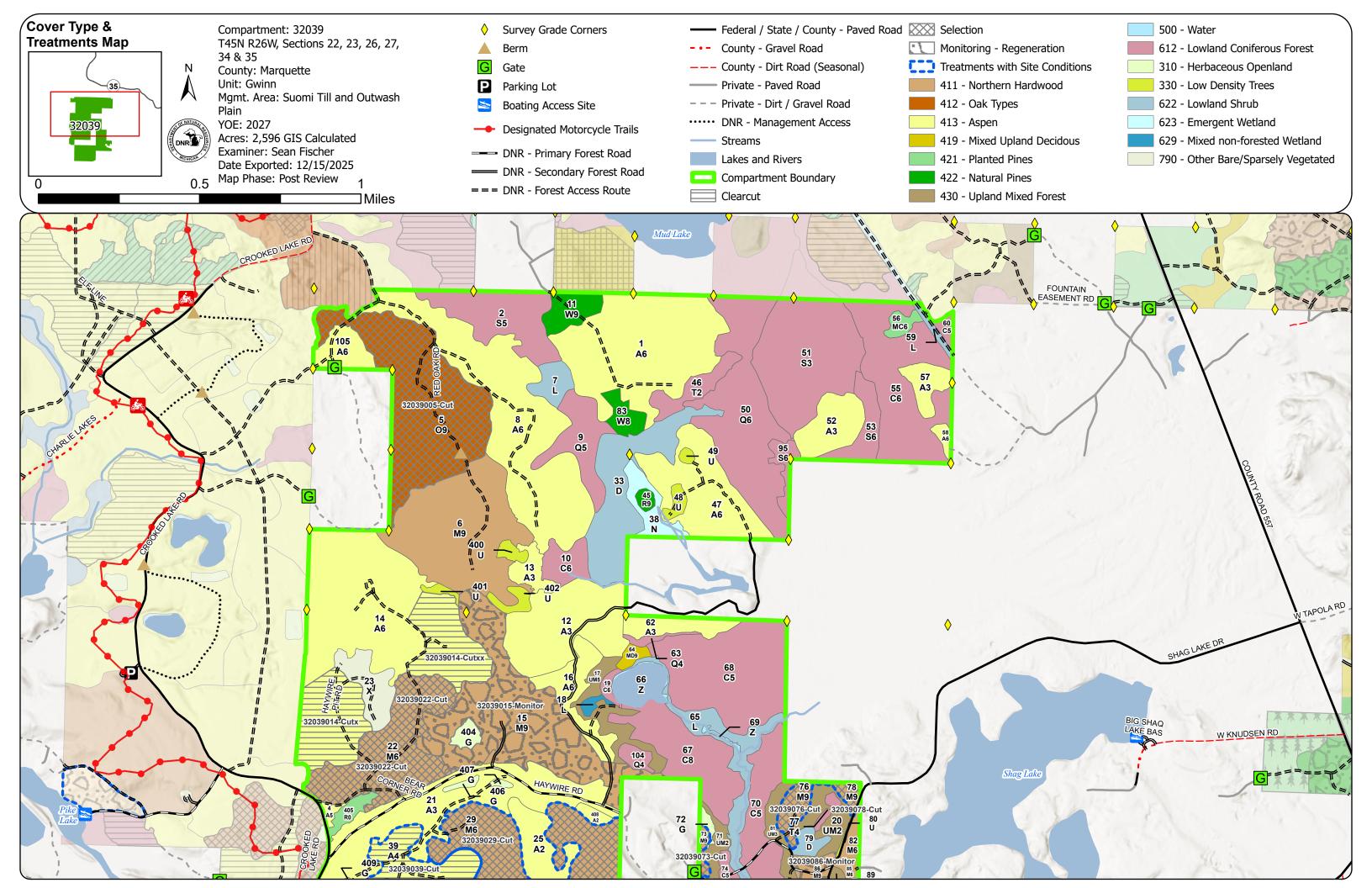
The following reports from the Inventory are attached:

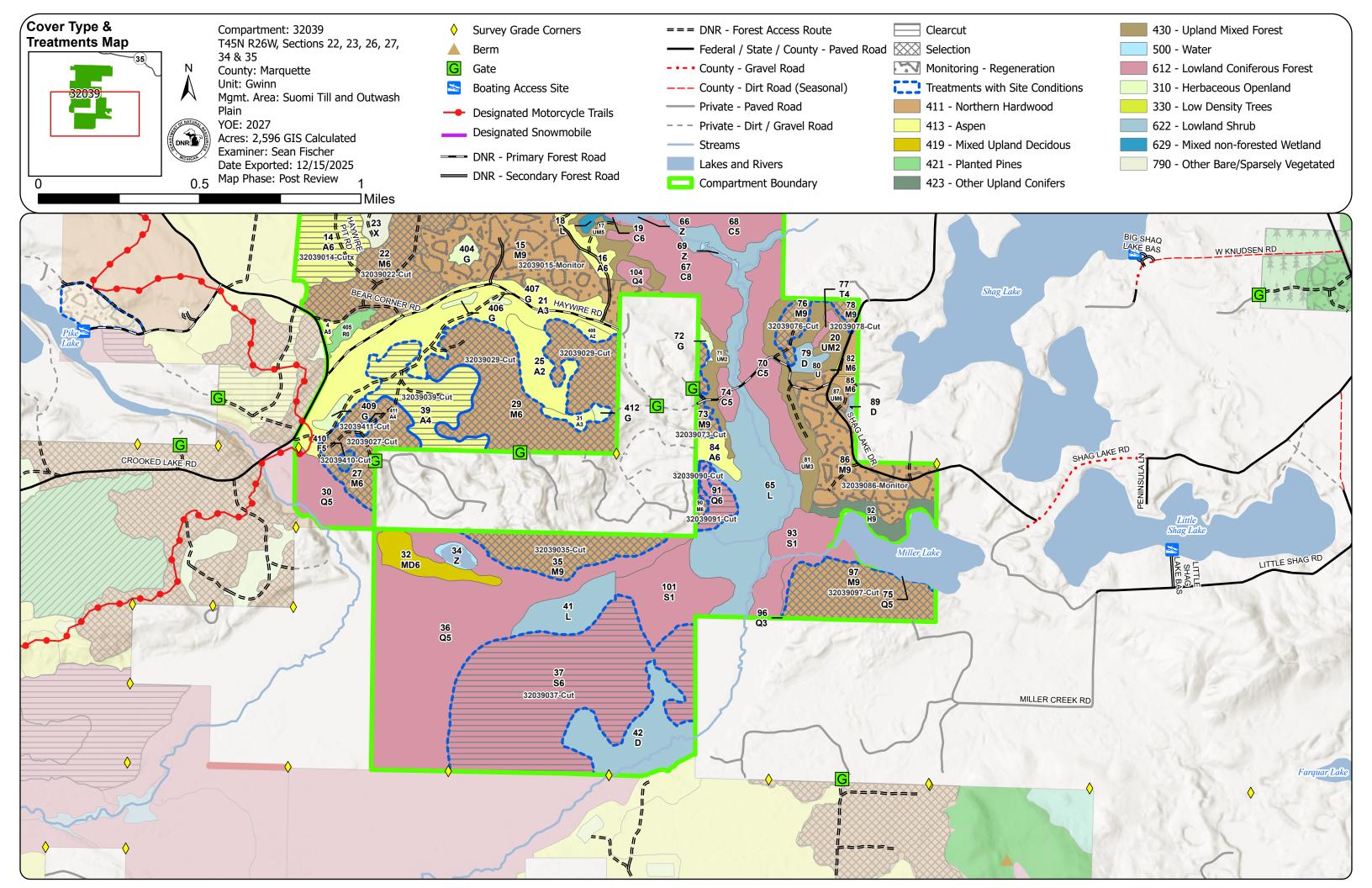
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

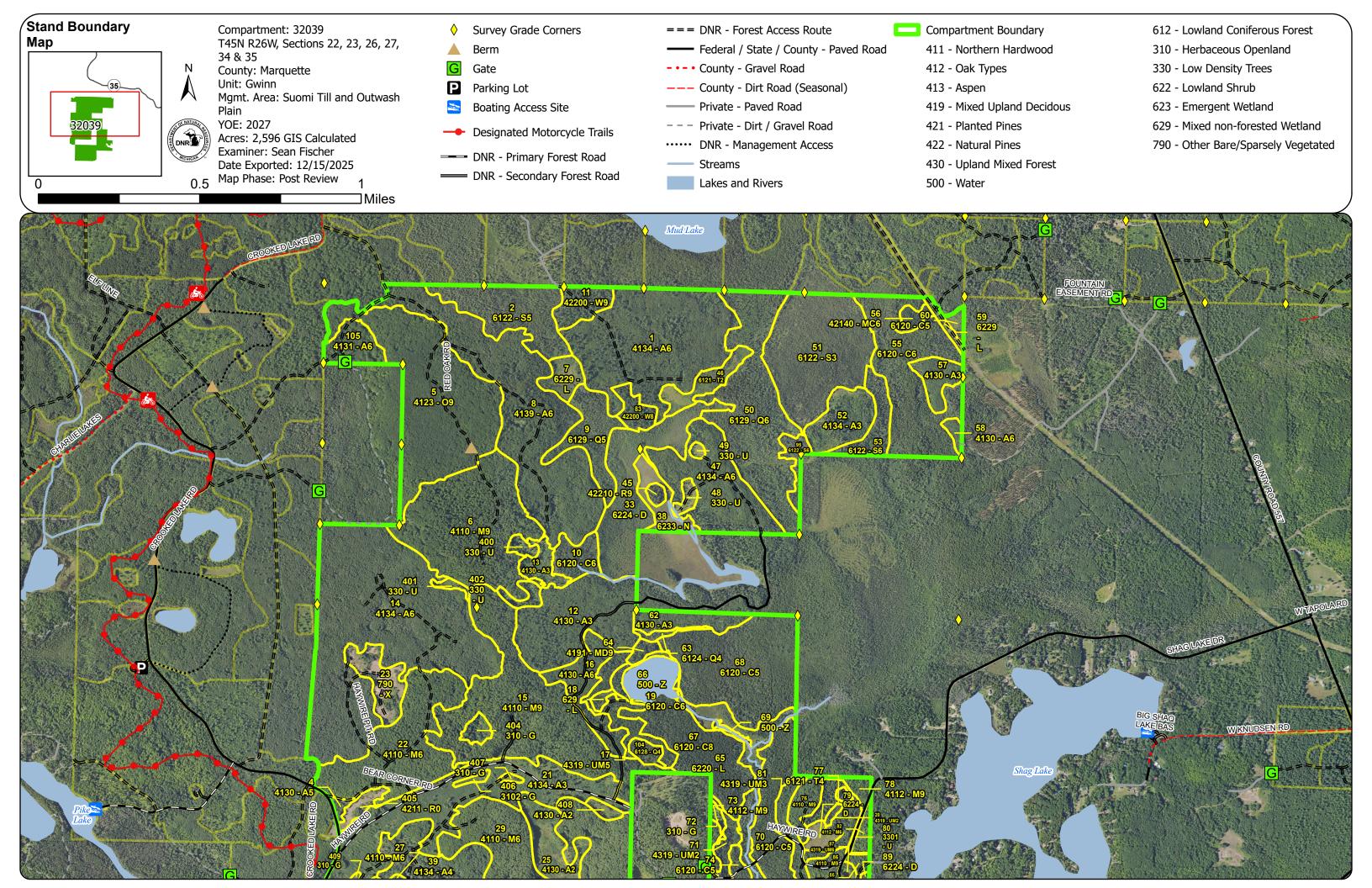
The following information is displayed, where pertinent, on the attached compartment maps:

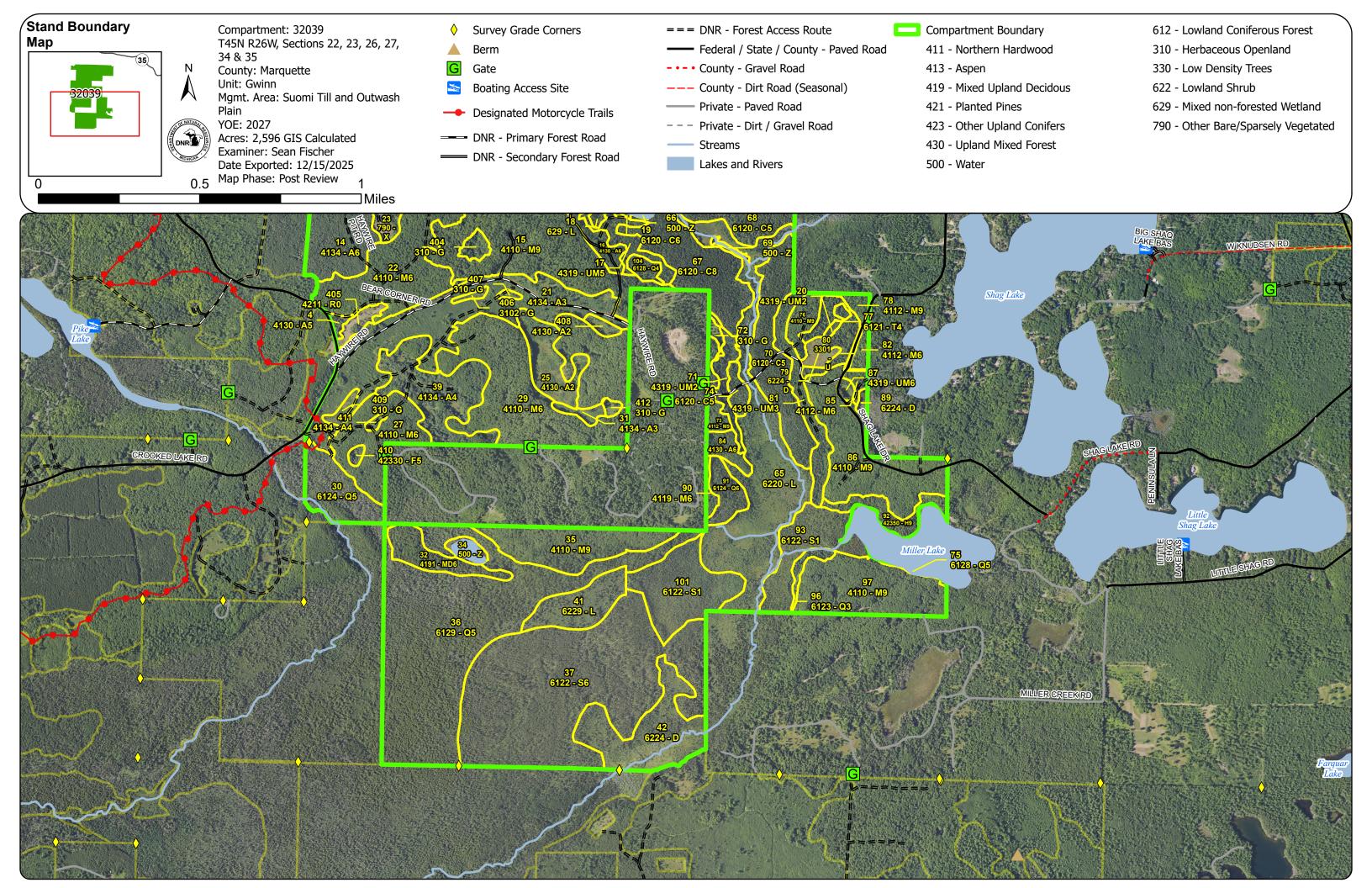
Base feature information, stand boundaries, cover types, and numbers Proposed treatments
Site condition boundaries
Details on the road access system

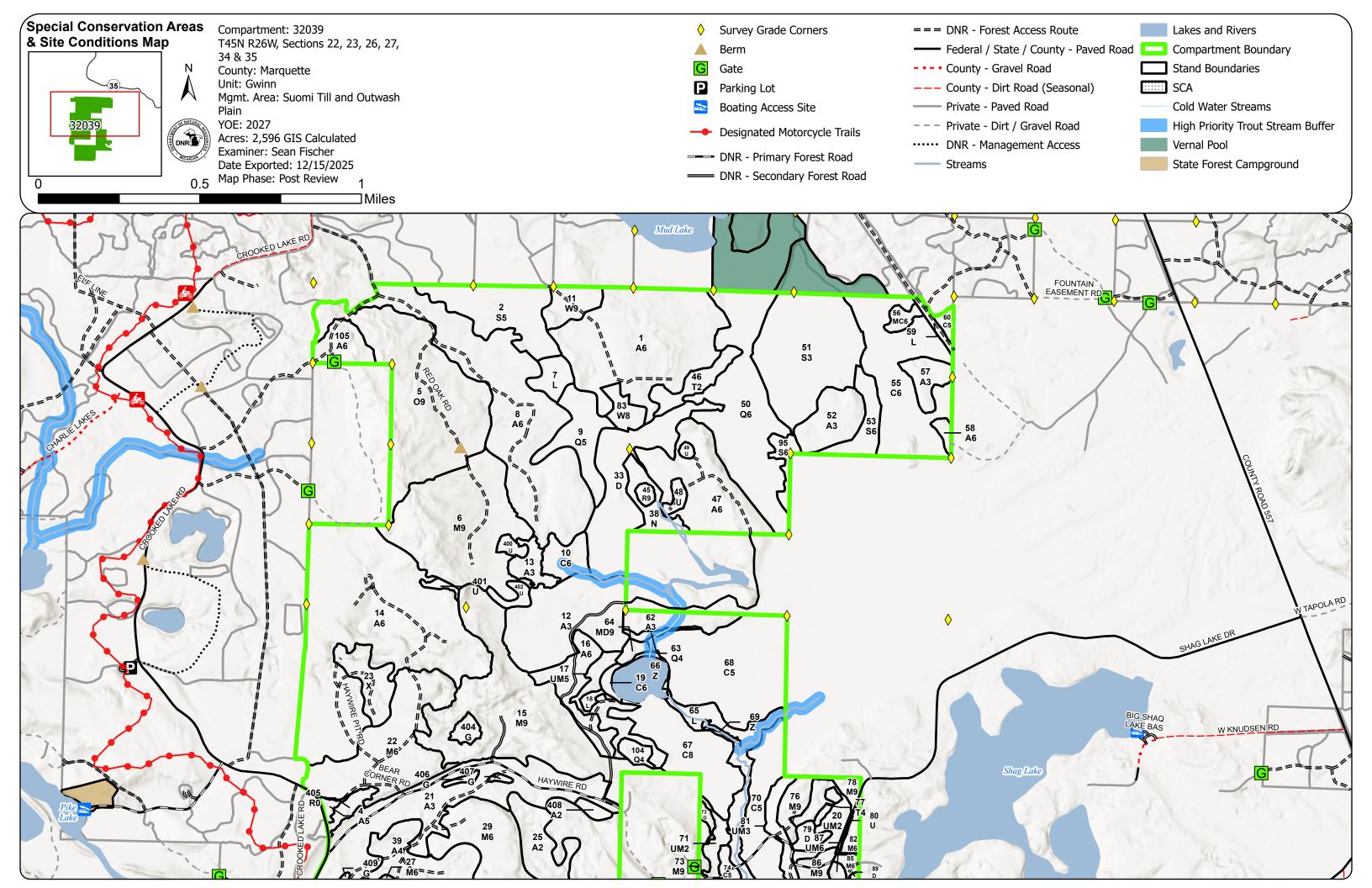


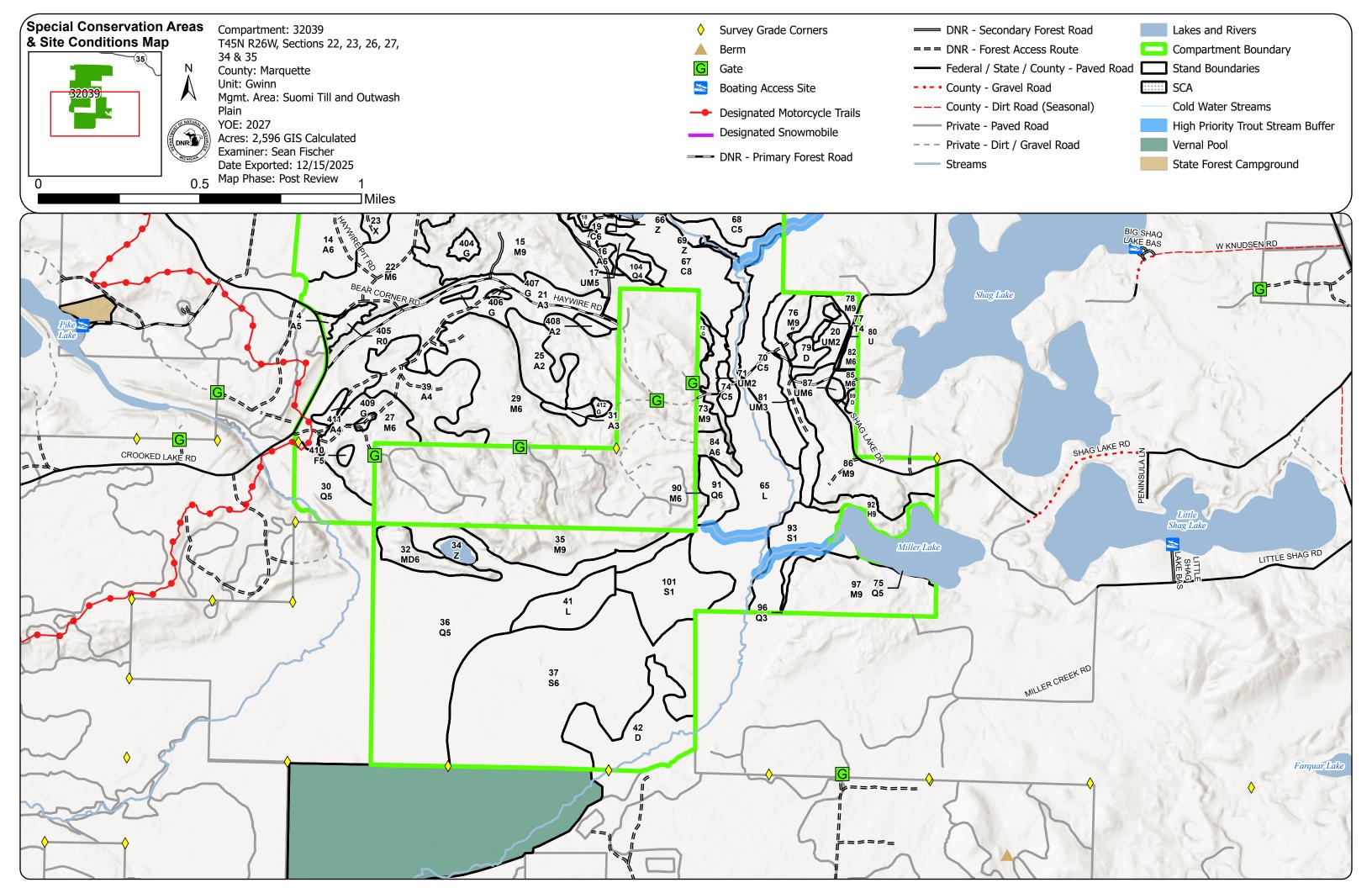












Compartment 39 Year of Entry 2027

Gwinn Mgt. Unit Sean Fischer: Examiner



Age Class

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Aspen	0	114	41	154	160	216	1	0	0	0	0	0	0	0	0	0	0	0	686
Bare/Sparsely Vegetated	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Cedar	0	0	0	0	0	0	0	0	0	2	13	0	44	165	0	0	0	0	224
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	12
Herbaceous Openland	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Low-Density Trees	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Lowland Conifers	0	0	0	4	0	0	0	2	0	251	31	0	1	4	0	0	0	0	293
Lowland Shrub	128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	128
Lowland Spruce/Fir	0	0	0	0	0	66	0	0	0	19	0	266	0	0	0	0	0	0	350
Marsh	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Mixed Upland Deciduous	0	0	0	0	0	0	3	0	0	0	15	0	0	0	0	0	0	0	18
Northern Hardwood	0	0	0	0	0	0	0	0	33	0	81	8	0	0	0	0	0	404	526
Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	94	94
Planted Mixed Pines	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Red Pine	5	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	7
Tamarack	0	0	11	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	13
Treed Bog	93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93
Upland Mixed Forest	0	0	0	15	41	0	0	0	0	0	0	2	0	0	0	0	0	0	57
Upland Spruce/Fir	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
Water	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
White Pine	0	0	0	0	0	0	0	0	0	0	18	0	0	0	0	0	0	0	18
Total	295	114	52	173	205	282	6	4	33	272	160	276	57	169	0	0	0	498	2594



Report 2 – Treatment Summary

Gwinn Mgt. Unit Year of Entry: 2027

Acres of Harvest

Compartment 39
Total Compartment Acres: 2,596

Commercial Harvest - 442 Harvests with Site Condition - 898 Next Step Harvest - 0 Habitat Cut - 0

Cover Type by Harvest Method

							Solution 1	N. C.	To the last of the	**************************************		, so le
Aspen		106	0	0	0	0	0	0	0	0	106	1
Lowland Conifers		9	0	0	0	0	0	0	0	0	9	
Lowland Spruce/Fir		167	0	0	0	0	0	0	0	0	167	
Northern Hardwood		0	293	0	0	0	0	0	0	0	293	
Oak		0	95	0	0	0	0	0	0	0	95	
Planted Mixed Pines		0	0	0	0	0	4	0	0	0	4	
Upland Spruce/Fir		2	0	0	0	0	0	0	0	0	2	1
	Total	284	387	0	0	0	4	0	0	0	675]

Proposed and Next Step Treatments by Method

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Current		675	0	0	0	0	0	147	0	0	822	
Next Step		0	0	0	0	0	0	724	0	0	724	
	Total	675	0	0	0	0	0	871	0	0	1546	

Next Step Monitoring, Natural Regen (Re-Inventory)

Acceptable aspen, pine, cherry, maple, birch, spruce, fir, oak

Regen:

Specs:

Other Comment:

Treatments:

Site Condition:

Proposed Start Date: 10/01/2026

32039014-30.5 4134 - Aspen, 6 47 81-110 14 Harvest Clearcut 413 - Aspen **Planting** Nο Spruce/Fir Cutxx Record

Prescription Cut all trees 2 inches and greater at dbh. Do not cut white pine, oak, and red pine. Cut 2 areas 30 to 35 acres in size that do not touch Create 5-6 drumming logs at least 8ft in length of any species between 9-15 inches diameter left lying adjacent to Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable aspen, pine, cherry, maple, birch, spruce, fir, oak

Regen:

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2026

32039015-94.5 4110 - Sugar Maple 9 92 81-110 Monitoring Monitoring -411 - Northern Current Nο Association Regeneration Monitor Hardwood

Prescription Monitor for regeneration success. Stand failed regeneration check at reinventory. At 2025 inventory, high amount of maple seedlings, but very little advance regeneration found. Rubus taking over gaps. Regeneration may just need more time. Specs:

Next Step **Treatments:**

Acceptable Sugar maple, red maple, basswood, white birch, yellow birch, white cedar, hemlock, spruce, white pine, black cherry, red oak.

Regen:

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2034

58.4 4110 - Sugar Maple Current 22 32039022-Cut 96 81-110 Harvest 411 - Northern Nο 6 Selection Association Hardwood

Prescription Cut tree mark the stand to a residual basal area of 70-90. Cut all merchantable fir. Mark more heavily in the infrequent areas of quality northern hardwood advanced regeneration. Trees retained should be those which will increase in sawtimber quality, ent Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Sugar maple, red maple, white pine, red oak, yellow birch, white birch, spruce, basswood, white cedar, aspen, hemlock. <u>Acceptable</u>

Regen:

Other If any portion of the stand planned for harvest or the transportation network for the timber sale impacts the motorcycle trail, be sure to include

Comment: trail specs in the timber sale contract.

Site Condition:

Proposed Start Date: 10/01/2026

Compartment: 32039

Name 039027-Cut tion Mark to saplings p Monitorions ble Northerr The sour portion of adition: Survey d Start Date: 039029-Cut tion Mark to saplings	70-90 BA. are found in Hardwood thwest end of the stander 10/01/202 99.2 41	of the stand is steed planned for harve 26 10 - Sugar Maple Association Mark to improve st Maintain stand sp I Regen (Re-Invent	ecies dive	75 y. There rit drops ranspor	off to star tation net 81-110	ng. Designate al	i merchantable specific to keep the harvoer sale impacts the Selection generation. Avoid	est area on operab ne motorcycle trail 411 - Northern Hardwood making gaps exce	vest le ground. If a Current pt where hard	nny No
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039037-Cut			6	108	81-110	Harvest	Clearcut	612 - Lowland Coniferous Forest	Planting Record	No
Monitori nts: ble Spruce,	ng, Natura fir, cedar,	I Regen (Re-Invent	ory) tamarack						ation Patches	. must be
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The old bridge across Miller Creek to the south can be crossed on foot.	d Start Date: 10/01/2026 039035-Cut 35.4 4110 - Sugar Maple 9 95 111- Harvest Selection 411 - Northern Current Association Mark to cut leaving 70-90BA. Release advanced regeneration if found. Mark to removed defect and improve stand quality. Release trees and try to get regeneration where there is none present. Some of the stand is not operable with equipment. Treatment Monitoring, Natural Regen (Re-Inventory) Most of the stand has no regeneration. The west end is very steep in places. 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Site Condition: Unknown Access Proposed Start Date: 10/01/2026

Compartment: 32039

Year of Entry: 2027

a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
39	32039039-Cut	40.3	4134 - Aspen, Spruce/Fir	4	47	1-50	Harvest	Clearcut	4134 - Aspen, Spruce/Fir	Planting Record	No

Prescription Cut all trees 2 inches and greater at dbh. Do not cut white pine and red pine. Green tree some windfirm black cherry and white spruce in the Specs: stand for mast and seed source. Create 7-8 drumming logs across this stand at least 8ft in length and between 9-1

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

Acceptable aspen, spruce, fir, pine

Regen:

Other If any portion of the stand planned for harvest or the transportation network for the timber sale impacts the motorcycle trail, be sure to include

trail specs in the timber sale contract. Comment:

Site Condition: Survey Needed Proposed Start Date: 10/01/2026

42140 - Planted 4211 - Planted **Planting** 32039056-Cut 38 6 30 111-Harvest **Thinning** Nο Mixed Pine 140 Red Pine Record

Prescription Conduct an initial row thinning of planted pine. Remove all jack pine that is found in every other row to release red pine rows. If areas of rows are too tight to accommodate modern logging equipment, may need to take additional rows for access. May thin Specs:

Next Step **Treatments:**

Acceptable red pine

Regen:

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2023

32039073-Cut 6.9 4112 - Maple, 109 111-Harvest Selection 411 - Northern Current No Beech, Cherry 140 Hardwood Association

Prescription Mark stand to 70-90 BA residual to encourage development of quality regeneration. Follow complete marker. Leave legacy trees (trees >26inches dbh), wildlife-quality cavity trees. Do not mark any oak if found. Favor retention of spruce, black cherry. Favor Specs:

Monitoring, Natural Regen (Re-Inventory) Next Step

Treatments:

<u>Acceptable</u> Red maple, sugar maple, yellow birch, spruce, paper birch, aspen, white pine, hemlock, cedar, basswood, black cherry

Regen:

Summer access and operability. Leave 25ft buffer of vernal pool with red line. No suitable regeneration to release with canopy gaps, do not **Other**

Comment: use gaps.

Site Condition: Survey Needed Proposed Start Date: 10/01/2026

32039076-Cut 8.3 4110 - Sugar Maple 109 111-Harvest Selection 411 - Northern Current Nο Association 140 Hardwood

Prescription Single tree select to 70-90 to attempt to develop advance regeneration. Mark trees for removal according to the complete marker guidelines, while also retaining species diversity, retaining wildlife quality trees (cavity and rotten trees, especially large Specs:

Monitoring, Natural Regen (Re-Inventory) Next Step

Treatments:

Acceptable Sugar maple, red maple, spruce, pine, red oak, basswood, white cedar, yellow birch, white birch.

Regen: Other

Acceptable growing stock of advance regeneration is mostly absent in the understory. Intent of harvest is to develop this regeneration.

Consider gap harvest at next inventory cycle to release regeneration if it develops.

Site Condition: Survey Needed

Proposed Start Date: 10/01/2026

s t		Gwinr	n Mgt. Unit		Repoi	rt 3 T	Freatments		Compartmen Year of Entry		OF NATURAL SE
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
78	32039078-C	ut 3.4	4112 - Maple, Beech, Cherry Association	9	109	81-110	Harvest	Selection	411 - Northern Hardwood	Current	No
Pres Spec			90 BA residual to er vildlife-quality cavity								(trees
	<u>t Step</u> Mon <u>ttments:</u>	toring, Natura	al Regen (Re-Invent	tory)							
Acce Reg		maple, sugar	maple, yellow birch	n, spruce,	paper bi	irch, aspe	n, white pine, he	emlock, cedar, bas	swood, black che	rry	
Othe Com	<u>er</u> survenment:	ey needed									
Site	Condition: S	urvey Neede	d								
Prop	osed Start Da	<u>ite:</u> 10/01/20)26								
86	32039086- Monitor	52.9 4	110 - Sugar Maple Association	9	109	51-80	Monitoring	Monitoring - Regeneration	411 - Northern Hardwood	Current	No
Pres Spec	<u>scription</u> Mon cs:	tor for regene	eration.								
	t Step Mon htments:	toring, Natura	al Regen (Re-Invent	tory)							
Acce Reg		northern hard	lwood species found	d in the ca	inopy tal	ble.					
Othe Com	<u>er</u> Rege nment:	eneration che	ck done in 2025, fa	iled becau	ise too s	oon after	last timber harv	est (harvest compl	eted in 2022).		
Site	Condition:										
Prop	osed Start Da	<u>ite:</u> 10/01/20)29								
90	32039090-C		4119 - Mixed Iorthern Hardwoods	6	98	81-110	Harvest	Selection	411 - Northern Hardwood	Current	No
			stand to 70-90 base ity trees. Mark for c							ees (trees >2	26inches in
	t Step Mon tments:	toring, Natura	al Regen (Re-Invent	tory)							
Acce Reg		ar maple, red	maple, spruce, hen	nlock, ced	ar, yello	w birch, b	asswood, white	pine			
Othe Com	e <u>r</u> nment:										
Site	Condition: S	urvev Neede	d								

Site Condition: Survey Needed Proposed Start Date: 10/01/2026

91	32039091-Cut	8.8	6124 - Lowland	6	93 81-1	10 Harvest	Clearcut	6122 - Black	Planting	No
			Spruce-Fir					Spruce	Record	

Prescription Cut all stems to 2 inches dbh. Reserve all cedar and yellow birch. Include some large diameter forked big tooth aspen and larger healthy Specs: black spruce in the stand retention.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Black spruce, tamarack, aspen, balsam poplar, paper birch, cedar, yellow birch, red maple

Regen: <u>Other</u> Comment:

Site Condition: Survey Needed Proposed Start Date: 10/01/2026

Compartment: 32039

S t									Year of Entry	y: 2027	DNR DNR
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
97	32039097-Cut	45.9 4	1110 - Sugar Maple Association	9	99	81-110	Harvest	Selection	411 - Northern Hardwood	Current	No
Presc Specs			t to 70-90 BA to enc ed line as close to sh							Red line sho	ould exclude
Next S Treat	<u>Step</u> Monitor ments:	ring, Natur	al Regen (Re-Inven	tory)							
Accer Rege		Maple, red	maple, basswood,	red oak, w	hite ced	ar, hemlo	ock, spruce, yell	ow birch, paper bird	ch, white pine.		
Other Comm		access fro	om the south.								
Site C	Condition: Unk	nown Acc	ess								
Propo	sed Start Date	10/01/20	026								
410	32039410-Cut	1.5	42330 - Upland Fir	5	55		Harvest	Clearcut	310 - Herbaceous Openland	Previous Inventory	No
Preso Specs		ıt. No rete	ntion due to openinç	g maintena	ance har	vest.					

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable N/A, opening maintenance

Regen:

Other If any portion of the stand planned for harvest or the transportation network for the timber sale impacts the motorcycle trail, be sure to include

Comment: trail specs in the timber sale contract.

Site Condition:

Proposed Start Date: 10/01/2026

1.2 4134 - Aspen, 4 55 Harvest Clearcut 310 -Previous No 411 32039411-Cut Spruce/Fir Herbaceous Inventory Openland

Prescription Clearcut. No retention due to opening maintenance.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable grass

Regen:

Other If any portion of the stand planned for harvest or the transportation network for the timber sale impacts the motorcycle trail, be sure to include

Comment: trail specs in the timber sale contract.

Site Condition:

Proposed Start Date: 10/01/2026

Approved Treatments:

32039005-Cut 94.5 4123 - Red Oak 100 141-Harvest Selection 412 - Oak Types No 170

Prescription Selectively mark individual trees for harvest to promote an uneven aged stand structure. Residual basal area will be variable due to Specs: distribution of superior oaks, but should be between 80 to 100 square feet. There are Legacy Tree size oaks to be preserve

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

<u>Acceptable</u> Sugar maple, red maple, birch, basswood, black cherry, and red oak.

Regen:

Very dense 10 to 20 foot tall understory of sugar maple saplings. Will want to mark and cruise during leaf-off periods. <u>Other</u>

Comment:

Site Condition:

Gwinn Mgt. Unit Report 3 -- Treatments

Compartment: 32039 Year of Entry: 2027

s t а Cover Type Objective Age Structure **Treatment** Stand Size Stand BA Treatment Treatment Acres Habitat n Density Age Method Name CoverType Type Range Cut

Proposed Start Date: 10/01/2021

Total Treatment Acreage Proposed: 821.9

Gwinn Mgt. Unit

Sean Fischer: Examiner

Compartment: 39 Year of Entry: 2027



Availability for Management

Total	Acres	Acres Avail	Acres		Domina	nt Site	e Con	ditions	S			
Acres	Available	With Condition	Not Available		2B	21	5C	2G	2H	3J	5A	5D
687	647	40	0	Aspen		40						
15	15	0	0	Bare/Sparsely Vegetated								
224	72	0	152	Cedar				114		38		
12	0	0	12	Hemlock							12	
12	12	0	0	Herbaceous Openland								
14	14	0	0	Low-Density Trees								
269	98	149	22	Lowland Conifers	141	9		4		18		
128	128	0	0	Lowland Shrub								
346	72	180	94	Lowland Spruce/Fir	161		19	29				65
10	10	0	0	Marsh								
18	3	13	2	Mixed Upland Deciduous	13					2		
526	289	238	0	Northern Hardwood	81	157						
94	94	0	0	Oak								
4	4	0	0	Planted Mixed Pines								
7	5	0	2	Red Pine					2			
13	13	0	0	Tamarack								
93	93	0	0	Treed Bog								
35	30	0	5	Upland Mixed Forest						5		
2	2	0	0	Upland Spruce/Fir								
18	18	0	0	Water								
18	18	0	0	White Pine								
2,543	1,634	621	288	Total Forested Acres	397	206	19	146	2	63	12	65
_	64%	24%	11%	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	2B: Unknown if access through adjacent landowner(s) is possible	302	2E: Road needed	2I: Survey needed	Unspecified	Unspecified

Gwinn Mgt. Unit Sean Fischer: Examiner



2	Available	2I: Survey needed	99	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
3	Available	2B: Unknown if access through adjacent landowner(s) is possible	13	2I: Survey needed	Unspecified	Unspecified	Unspecified
	Comments:						
4	Available	2I: Survey needed	8	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: North line survey no	eeded.					
5	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	21	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: 300 ft buffer Miller (Creek					
6	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: BMP Buffer 100ft o	f unnamed tributary of Miller Ci	eek.				
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	29	5D: Unproductive forest land	3J: Water quality/BMPs (stream, river, or lake)	Unspecified	Unspecified
	Comments: Unproductive lowlar	nd sapling-size stand with mult	iple inte	ermittent streams throughou	ıt. Also part of buffer of Mille	er Creek (300ft)	

Gwinn Mgt. Unit

Compartment: 39 Year of Entry: 2027 Sean Fischer: Examiner



8	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	2	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
9	Unavailable	5A: Not able to obtain desirable regeneration	12	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Hemlock overstory	(250 BA) with almost no saplin	gs in unde	erstory of any species.			
10	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	2	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: 300 ft buffer miller o	creek					
11	Available	2I: Survey needed	2	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
12	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	8	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
13	Available	2l: Survey needed	9	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: _ong skids are pos	sible to Haywire if access block	ced				
14	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	4	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: 300 ft Buffer Miller	Creek					
0/07/0	025 1:26:40 PM - Page	2.47					HEINTZELMAN

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15	Available	2B: Unknown if access through adjacent landowner(s) is possible	46	2I: Survey needed	Unspecified	Unspecified	Unspecified
(Comments:						
16	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	2	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Could lay down ma	atts to access but stand is small	and bes	et left as is. Probably not fina	ancially feasible to access	S.	
17	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	6	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: 300 ft buffer Miller	Creek					
18	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	4	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: 300 ft buffer of Mill	ler Creek					
19	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: 300ft buffer Miller	Creek					
20	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	3	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						

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21	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	17	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
22	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	33	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
23	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
24	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: This can hold tell o	ne of the adjacent aspen stands	s is harve	ested.			
25	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Retention for Triple	e C timber sale.					
26	Unavailable	5D: Unproductive forest land	65	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						

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27	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	13	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: This can be hold to	ell a nearby aspen stand is harve	ested.				
28	Available	2I: Survey needed	40	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
29	Available	2l: Survey needed	33	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
30	Available	2l: Survey needed	0	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
31	Available	2l: Survey needed	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
32	Unavailable	2F: Too steep	2	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
33	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	11	2B: Unknown if access through adjacent landowner(s) is possible	2I: Survey needed	Unspecified	Unspecified
(Comments:						

Gwinn Mgt. Unit Sean Fischer: Examiner



34	Available	2l: Survey needed	4	Unspecified	Unspecified	Unspecified	Unspecified
C	omments:						
35	Available	2B: Unknown if access through adjacent landowner(s) is possible	30	2I: Survey needed	Unspecified	Unspecified	Unspecified
C	omments:						
36	Available	2l: Survey needed	7	Unspecified	Unspecified	Unspecified	Unspecified
	comments: ime constraints, w	as not able to check for survey	corner	rs			
37	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	63	Unspecified	Unspecified	Unspecified	Unspecified
C	omments:						
38	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
C	omments:						
39	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
C	omments:						

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				



Stan	d Level 4 C	1 Cover Type		ize De	nsity	Acres	Stand Age B	A Range	Managed S	ite	General Comments	
1	4134 - Aspen, Spruce/Fir F			oletimb	er Well	90.3	27	mmature	N/A	.	This was once two stands cut only a few years apart. West side cut in	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	1998 under permit #32-011-97. East side harvested under permit #32-005-99.	
	Red Maple	5	Sapling/Pole	4		Bal	sam Fir	High	Variable	Variable	000 00.	
	Red Oak	1	Log	14		Re	ed Pine	Trace	Variable	Variable		
	Paper Birch	2	Sapling/Pole	4		Wh	ite Pine	Trace	Variable	Variable		
	Quaking Aspen	42	Pole/Sapling	5	27	Hazel	nut (Spp.)	Low	5 - 10 feet	5 - 10 feet		
	Bigtooth Aspen	20	Pole/Sapling	5		Red	d Maple	Low	Variable	Variable		
	Balsam Fir	25	Pole	6		Pap	er Birch	Trace	Variable	Variable		
	White Pine	5	XLog	18		Re	ed Oak	Low	Variable	Variable		
2	6122 - B	6122 - Black Spruce		Poletimber Mediur		m 34.3	34.3 108		N/A		Trace large white pine, paper birch and quaking aspen. (2025)	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size		
	Red Maple	2	Log/Pole	10		Bla	ick Ash	Low	Variable	Variable		
	Balsam Poplar	3	Pole	8		Re	ed Oak	Low	Variable	Variable		
	Black Spruce	60	Pole	9	108	Bal	sam Fir	Medium	Variable	Variable		
N	orthern White Cedar	21	Log/Pole	11		Red	d Maple	High	Variable	Variable		
	Tamarack	10	Log/Pole	11		Ta	g Alder	Low	5 - 10 feet	5 - 10 feet		
	Black Ash	2	Pole	5				,			-	
	Black Cherry	2	Pole	6								
4	4130	- Aspen	Pole	etimber	Mediur	m 1.9	37	51-80	N/A	1	Aspen slowly filling in an old gravel pit.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size		
	Red Maple	10	Sapling/Pole	4		Red	d Maple	Low	5 - 10 feet	5 - 10 feet		
	Quaking Aspen	90	Pole/Sapling	5	37					1	_	
5	4123 -	Red Oak	Sa	awtimb	er Well	94.3	100	141-170	N/A	1	SF 2025: Confirmed last inventory data. Timber Sale "Crooked Oak"	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	not yet completed or closed out. Area treated in 1998 under permit # 012-97-01. This stand is the best oak stand in the Gwinn area.	
	Sugar Maple	10	Pole/Log	8			ar Maple	Full	10 - 20 feet	10 - 20 feet		
	Red Maple	5	Pole/Log	8	_			1		70 20 1001	maintain the significant mast production benefits for wildlife. Many	
	Red Oak	85	XLog/Log	18	100						high risk oak stems and crotches that should be removed. The extremely dense M3 will be the future stand.	

Compartment: 39 Year of Entry: 2027



Stand	I Level 4 Co	Level 4 Cover Type Size Density Acres Stand Age BA Range Managed Site		ite	General Comments						
6	4110 - Sugar Ma	aple Assoc	ciation	Sawtimb	er Well	79.2	110	81-110	N/A		Thinned in summer of 2018 under sale #32-002-17. Triple C Timber
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Sale. Trace amount of black cherry, white pine and balsam fir in canopy. More red oak within stand as you head north. South edge has
	Sugar Maple	80	Log/Pole	14	110	Wh	nite Pine	Trace	< 5 feet	< 5 feet	some lower quality trees with higher amount of red maple and larger
	Red Maple	10	Log/Pole	14		Ва	lsam Fir	Low	Variable	Variable	aspen. Significantly more maple saplings present in this stand vs M9
	Basswood	1	XLog/Log	18		R	ed Oak	Low	>20 feet	>20 feet	to south (2025)
	Red Oak	8	Log/XLog	16		R	ed Oak	Low	Variable	Variable	
	Quaking Aspen	1	Log	14		Sug	ıar Maple	Low	>20 feet	>20 feet	
						Sug	ıar Maple	High	< 5 feet	< 5 feet	
						Sug	ıar Maple	High	Variable	Variable	
						Re	d Maple	Low	< 5 feet	< 5 feet	
						Wild Re	ed Raspberry	Medium	< 5 feet	< 5 feet	
						Iro	onwood	Medium	Variable	Variable	
7	6229 - Mixed L	_owland S	hrub	Nor	ie	8.0			No		
8	4139 - Aspen, M	lixed Deci	duous	Poletimb	er Well	105.9	35	81-110	N/A	ı	Cut c. 1988 under 32-016-87 Oak Ridge Aspen. Vernal pond present
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	(2023)
	Sugar Maple	1	Pole	8		Ва	lsam Fir	Medium	Variable	Variable	
	Red Maple	18	Pole	5		R	ed Oak	Low	Variable	Variable	
	Yellow Birch	1	Log/Pole	10		Sug	ar Maple	Medium	Variable	Variable	
	Red Oak	10	Pole	5		Re	d Maple	High	Variable	Variable	
	Red Oak	2	Log	15		Iro	onwood	Medium	Variable	Variable	
	Paper Birch	2	Pole	6							
	Quaking Aspen	42	Pole	6	35						
	Bigtooth Aspen	10	Pole	8							
	Balsam Fir	10	Pole	5							
	Black Spruce	2	Pole/Sapling	g 5							
	White Pine	1	Pole	6							
	Black Cherry	1	Pole	5							
9	6129 - Mixed Conife						90	1-50	N/A	1	Very wet in the middle of stand. Edges could be harvested but volumed is low. Also, could be left, as harvest may impact residual cedar.
	Canopy Species		Size Class		Age		nopy Species	Density	Avg. Height	Size	(2025)
	Red Maple	2	Pole	6			lsam Fir	Medium	Variable	Variable	
	Black Spruce	30	Pole/Log	8			d Maple	Medium	Variable	Variable	
No	rthern White Cedar	38	Pole/Log	8	90		per Birch	Low	Variable	Variable	
	Tamarack	30	Pole/Log	8		Ta	ig Alder	Medium	5 - 10 feet	5 - 10 feet	

Variable

Low

Variable

Black Spruce



Stand	Level 4 Cover Type Size Density Acres Stand Age BA Range Managed Site		General Comments								
10	6120 - Lov	vland Ceda	ır P	Poletimb	er Well	10.3	95	51-80	N/	'A	Lots of leaning cedar. Trace amount of white pine in the canopy.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	(2025)
	Red Maple	1	Pole	6		Ва	lsam Fir	High	Variable	Variable	
	Black Spruce	10	Pole	8		Ta	ag Alder	Medium	5 - 10 feet	5 - 10 feet	
No	rthern White Cedar	80	Pole	9	95	Blac	k Spruce	High	Variable	Variable	
	Tamarack	9	Pole	7							
11	42200 - Natu	ral White F	Pine S	Sawtimb	er Well	10.9	95	51-80	N/	'A	Understory cut in 1998 under permit # 011-97-01.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	White Pine	100	XLog/Log	18	95	Quak	king Aspen	Medium	Variable	Variable	
						R	ed Oak	Low	Variable	Variable	
						Re	d Maple	High	Variable	Variable	
						Pap	per Birch	Low	Variable	Variable	
12			1 3		52.1	28 I	mmature	N/A		Treated under permit # 013-97-01. Well-stocked stand. Black spruce saplings present. SF 2025: Well stocked aspen sapling stand	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	transistioning to poles.
	Red Maple	4	Pole/Sapling	5		Blad	ck Cherry	Low	5 - 10 feet	5 - 10 feet	
	Quaking Aspen	75	Pole/Sapling		28	Ва	lsam Fir	Low	5 - 10 feet	5 - 10 feet	
	Balsam Fir	10	Pole/Sapling			Re	d Maple	Low	10 - 20 feet	10 - 20 feet	
	White Spruce	4	Pole/Sapling	5		Hazeln	ut (Beaked)	Low	5 - 10 feet	5 - 10 feet	
	Black Spruce	4	Pole/Sapling								
	White Pine	1	XLog/Log	18							
	Black Cherry	2	Sapling/Pole	3							
13	4130 -	- Aspen		Sapling	y Well	7.7	7 1	mmature	N/	'A	Aspen harvested in 2018. Scattered cherry and white pine poles. Some older super canopy trees present.
	Canopy Species	% Cover	Size Class	DBH	l Age						Some older super carropy trees present.
	Red Maple	10	Sapling	1							
	Red Oak	1	Log/Pole	12							
	Quaking Aspen	80	Sapling	1	7						
	White Pine	6	Pole/Log	7							
	Black Cherry	2	Pole	6							

Pole

Report 7 - Stands

Compartment: 39 Year of Entry: 2027



Stand	Level 4 C				nsity	Acres Stand Age	BA Range	Managed S	ite	General Comments
14	4134 - Aspe				er Well	153.8 47	81-110	N/A		Trace amount of cherry. Frost pocket within the middle of stand just
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Speci	es Density	Avg. Height	Size	under 5 acres. Lower basal area less aspen and more spruce/fir and a few jack pine. (2025)
	Red Maple	10	Pole	7		White Pine	Trace	Variable	Variable	Tow jack pine. (2020)
	Red Oak	1	Log	16		Balsam Fir	High	Variable	Variable	
	Paper Birch	5	Pole	7		Red Pine	Trace	Variable	Variable	
	Quaking Aspen	57	Pole/Sapling	7	47	Sugar Maple	Trace	Variable	Variable	
	Balsam Poplar	5	Pole	7		Red Maple	Trace	Variable	Variable	
	Balsam Fir	20	Pole	7		Hazelnut (Beaked)) Medium	< 5 feet	< 5 feet	
	White Pine	1	Log	16		Yellow Birch	Trace	Variable	Variable	
	Jack Pine	1	Pole	7		Ironwood	Low	Variable	Variable	
15	4110 - Sugar N	/laple Assoc	ciation	Sawtimb	er Well	95.0 92	81-110	N/A	1	Thinned in the summer of 2018 under sale #32-002-17.SF 2025:
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Speci	es Density	Avg. Height	Size	Good quality sugar maple log stand. Not much advance maple regeneration, but high amount of maple seedlings. Rubus taking over
	Sugar Maple	83	Log	16	92	White Spruce	Trace	Variable	Variable	most canopy gaps. Average BA around 90.
	Red Maple	6	Log	14		Ironwood	Low	Variable	Variable	

Canopy Species	Canopy Species % Cover		DBH	l Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	83	Log	16	92	White Spruce	Trace	Variable	Variable
Red Maple	6	Log	14		Ironwood	Low	Variable	Variable
Yellow Birch	1	Log/Pole	10		Balsam Fir	Low	Variable	Variable
Paper Birch	1	Pole/Log	8		Blackberry/Raspberry	Medium	5 - 10 feet	5 - 10 feet
Bigtooth Aspen	2	Pole	9		Sugar Maple	High	< 5 feet	< 5 feet
Balsam Fir	1	Pole	6		Maple (spp.)	Trace	Variable	Variable
White Pine	1	Pole	8		Black Cherry	Low	< 5 feet	< 5 feet
Hemlock	1	Log/Pole	12			•		

16	4130 -	- Aspen	I	Poletimb	er Well	19.7	40	51-80	N/A	
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Cand	py Species	Density	Avg. Height	Size
	Red Maple	10	Sapling	3		Balsa	am Fir	Medium	10 - 20 feet	10 - 20 feet
	Red Oak	1	XLog/Log	18		Black	Cherry	Low	10 - 20 feet	10 - 20 feet
	Paper Birch	3	Sapling	3		Red	Oak	Low	10 - 20 feet	10 - 20 feet
	Quaking Aspen	70	Pole	8	40	Sugar	Maple	Low	10 - 20 feet	10 - 20 feet
	Balsam Fir	5	Pole/Sapling	g 5		Red	Maple	Low	10 - 20 feet	10 - 20 feet
	White Spruce	5	Sapling	3		Hazelnut	(Beaked)	Low	5 - 10 feet	5 - 10 feet
	White Pine	1	XLog/Log	18						
	Black Cherry	5	Sapling	3						

Stand cut in 1986 under Haywire Lake Sale 32-042-85. 1 to 2 stick aspen. Scattered residual red oak canopy trees. Black spruce and white pine saplings found. SF 2025: Good quality aspen poles, average of 4 sticks. Some areas patchy heavier to fir and red maple saplings and poles.

Black Cherry



Stan	d Level 4 Co	over Type	5	Size Density		Acres	Acres Stand Age BA Range		Managed S	Site	General Comments		
17	4319 - Mixed	Upland Fo	rest Pol	etimbe	Medium	n 15.1	20	Immature	N/A	A	Stand cut in 1986 as part of Haywire Lake Sale 32-042-85.SF 2025: Stand split off from larger aspen complex to the west. Stand is		
	Canopy Species	% Cover	Size Class	Size Class DBH Age Sub-Canopy Species Density Avg. Height Size		Size	portion of aspen stand which did not regenerate to aspen, now a fir						
	Red Maple	35	Sapling	3	20	Bal	sam Fir	High	5 - 10 feet	5 - 10 feet	and red maple sapling stand. Some small patches of aspen poles		
	Paper Birch	3	Sapling	3		Wh	ite Pine	Trace	Variable	Variable	within. 40% of fir is dead or dying from spruce budworm. Stand is well stocked with a mix of deciduous and coniferous species. Mostly		
	Quaking Aspen	7	Pole/Sapling	6	40		k Cherry	Low	10 - 20 feet	10 - 20 feet	upland, with some lowland.		
	Balsam Fir	40	Pole/Sapling	5	20	Та	g Alder	Low	5 - 10 feet	5 - 10 feet	,		
	Black Spruce	5	Pole/Sapling	6	40	Hazeln	ut (Beaked)	Low	5 - 10 feet	5 - 10 feet			
No	orthern White Cedar	4	Pole	9		Мар	le (spp.)	High	5 - 10 feet	5 - 10 feet			
	White Pine	1	XLog/Log	18		Re	ed Oak	Trace	10 - 20 feet	10 - 20 feet			
	Red Pine	1	Pole	8	40								
	Black Cherry	4	Sapling	3									
18	629 - Mixed non-	-forested V	/etland	Nor	ne	1.9			No	1	Tag alder with patches of C4.SF 2025: verified old inventory data.		
19	6120 - Lov			Poletimber Well		2.4 95 51		51-80	N/A	A	Buffer around Haywire Lake.SF 2025: Confirmed last inventory		
	Canopy Species % Cover Size Class D		DBH Age		Sub-Car	nopy Species	Density	Avg. Height	Size	notes.			
	Yellow Birch	5	Pole/Log	8		Та	g Alder	Low	10 - 20 feet	10 - 20 feet			
	Paper Birch	10	Pole	8		Bal	sam Fir	Medium	5 - 10 feet	5 - 10 feet			
	Balsam Fir	10	Pole	8									
	Black Spruce	20	Pole	8									
No	orthern White Cedar	55	Log/Pole	10	95								
20	4319 - Mixed	Upland Fo	rest S	apling I	Medium	12.9	35	51-80	N/A	A	Cut in 1990, under permit #32-89-01. Semi-open. Very mixed		
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	composition.		
	Sugar Maple	10	Sapling	2		Та	g Alder	Low	5 - 10 feet	5 - 10 feet			
	Red Maple	35	Sapling	2	-			<u> </u>		1			
	Paper Birch	10	Sapling/Pole	4									
	Balsam Fir	45	Sapling/Pole	4	35								
21	4134 - Aspe	n, Spruce/	Fir	Sapling	y Well	80.5	5	Immature	N/A	A	21/2021: Harvested in 2019-2020 Basal area readings vary widely.		
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	Aspen is declining in health and structural integrity. Sale prepped in 2017 minimal residual present (32-019-17-01) Haywire Mix SBW.		
	Quaking Aspen	65	Sapling	1	5	Whit	e Spruce	Low	10 - 20 feet	10 - 20 feet	2017 Hillian Colour propert (02 010 17 01) Haywill Wilk ODW.		
	Balsam Fir	20	Sapling	1		Bal	sam Fir	Low	10 - 20 feet	10 - 20 feet			
	White Spruce	5	Sapling	1		Blac	k Cherry	Low	>20 feet	>20 feet			
	Black Cherry	10	Pole	8		C	ar Maple	High	10 - 20 feet	10 - 20 feet			



Canopy Species % Cover Size Class DBH Age Sub-Canopy Species Density Sugar Mapie 64 Log Pole 13 50 Red Mapie 4 Pole 7 Red Mapie 14 Pole 7 Yellow Brich 2 PoletLog 8 Black-Cherry Balsam Fir High Variable Varia	Stand	d Level 4 C	Level 4 Cover Type Size Density Acres Stand Age BA Range Managed Site		General Comments								
Sugar Maple	22												
Red Maple 4 Pole 7 Innovacid Medium 5 - 10 feet 5 - 10 f													
Yellow Birch 2						96		<u>'</u>					
Red Oak		•										completed yet as of 11/3/11. Small patches of M3 greater than 4.5 ft	
Paper Bitch													
Bigtooth Aspen 2 Pole Copy 9 Maple (spp.) High < 5 feet < 5 feet Copy Section Sect													
Balsam Fir 1 Pole 6 Black Cherry 3 Pole 7		•											
White Pine		0 1											
Hemlock 1						L	Blac	k Cherry	Low	5 - 10 feet	5 - 10 feet		
23 790 - Other Bare/Sparsely Vegetated None 15.3 No Area used as shooting range with associated rubbish left behind. AT				Pole/Log									
23 790 - Other Bare/Sparsely Vegetated None 15.3 Immature N/A scrambile area. Campfires/party site. 25 4130 - Aspen Sapling Medium 19.7 5 Immature N/A Scrambile area. Campfires/party site. 26 2025 - well stocked aspen stand. There are some thin patches but they will likely fill in over time. 12021: Cut in 2020 Former area with patches but they will likely fill in over time. 12021: Cut in 2020 Former area with patches but they will likely fill in over time. 12021: Cut in 2020 Former area with patches but they will likely fill in over time. 12021: Cut in 2020 Former area with patches but they will likely fill in over time. 12021: Cut in 2020 Former area with patches but they will likely fill in over time. 12021: Cut in 2020 Former area with patches but they will likely fill in over time. 12021: Cut in 2020 Former area with patches but they will likely fill in over time. 12021: Cut in 2020 Former area with patches but they will likely fill in over time. 12021: Cut in 2020 Former area with patches but they will likely fill in over time. 12021: Cut in 2020 Former area with patches but they will likely fill in over time. 12021: Cut in 2020 Former area with patches but they will likely fill in over time. 12021: Cut in 2020 Former area with patches but they will likely fill in over time. 12021: Cut in 2020 Former area with patches but they will likely fill in over time. 12021: Cut in 2020 Former area with patches but they will likely fill in over time. 12021: Cut in 2020 Former area with patches but they will likely fill in over time. 12021: Cut in 2020 Former area with patches but they will likely fill in over time. 12021: Cut in 2020 Former area with patches but they will likely fill in over time. 12021: Cut in 2020 Former area with patches but they will likely fill in over time. 12021: Cut in 2020 Former area with patches but they will likely fill in over time. 12021: Cut in 2020 Former area with patches but held with spen and they will likely fill in over time. 12021: Cut in 2020 Former area with they will likely													
25		Black Cherry	3	Pole	7								
Canopy Species	23	790 - Other Bare/	/Sparsely Ve	egetated	No	ne	15.3			No		Area used as shooting range with associated rubbish left behind. ATV scramble area. Campfires/party site.	
Canopy Species % Cover Size Class DBH Age Sub-Canopy Species Density Avg. Height Size Grassy opening. Very poor timber quality hardwood. 4 six daspen. White Spruce 4 Sapling	25	4130	- Aspen	,	Sapling	Medium	19.7	5	Immature	N/A			
Ausking Aspen 86 Sapling 1 5 Sugar Maple High 10 - 20 feet White Spruce 4 Sapling 1 1		Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size		
White Spruce 4 Sapling 1 27 4110 - Sugar Maple Association Poletimber Well Sub-Canopy Species		Quaking Aspen 86 Sapling		1	5	Sug	gar Maple High		10 - 20 feet	10 - 20 feet	Areas where sugar maple understory is quite dense and 12 to 16 feet		
27 4110 - Sugar Maple Association Poletimber Well 32.8 75 81-110 N/A Canopy Species % Cover Size Class DBH Age Sugar Maple 84 Log/Pole 11 75 Sugar Maple 8 Pole/Log 9 14 Hemlock 4 Log/Pole 12 29 4110 - Sugar Maple Association Poletimber Well 8 Sugar Maple Association Poletimber Well 99.2 85 81-110 N/A Sugar Maple 4 Log/Pole 12 29 4110 - Sugar Maple Association Poletimber Well 99.2 85 81-110 N/A Sugar Maple Sugar Maple 90 Log/Pole 11 85 Sugar Maple 15 Pole 8 Sugar Maple 5 Pole 8 Sugar M		Balsam Fir	m Fir 10 Sapling 1 Balsam Fir		lsam Fir	Medium	5 - 10 feet	5 - 10 feet					
Canopy Species % Cover Size Class DBH Age Sugar Maple		White Spruce	4	Sapling	1	<u> </u>						→ 2017 minimal residual present (32-019-17-01) Haywire Mix SBW	
Sugar Maple 84 Log/Pole 11 75 Red Maple 8 Pole/Log 9 Yellow Birch 4 Log 14 Hemlock 4 Log/Pole 12 29 4110 - Sugar Maple 80 Pole 80 Pole 80 Sugar Maple 90 Log/Pole 12 29 4110 - Sugar Maple 90 Log/Pole 11 85 Sugar Maple 90 Log/Pole 18 Sugar Maple 10 - 20 feet 10 - 20	27	4110 - Sugar N	/laple Assoc	ciation I	Poletimb	er Well	32.8	75	81-110	N/A		Fair to good quality hard maple stand. Terrain is hilly with ridges and a	
Sugar Maple 84 Log/Pole 11 75 Sugar Maple 8 Pole/Log 9 Sugar Maple Low < 5 feet < 5		Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size		
Yellow Birch 4 Log 14 Hemlock 4 Log/Pole 12 29 4110 - Sugar Maple Association Poletimber Well 99.2 85 81-110 N/A Canopy Species % Cover Size Class DBH Age Sub-Canopy Species Density Avg. Height Size Head Maple 5 Pole 8 Sugar Maple 10 - 20 feet 10 - 2		Sugar Maple	84	Log/Pole	11	75	Blac	k Cherry	Medium	5 - 10 feet	5 - 10 feet	Stand harvested ander permit 7014 or (office) animica dary, 2011.	
Hemlock 4 Log/Pole 12 29 4110 - Sugar Maple Association Poletimber Well 99.2 85 81-110 N/A Canopy Species % Cover Size Class DBH Age Sugar Maple Log/Pole 11 85 Sugar Maple 5 Pole 8 Sugar Maple 5 Pole 8 Sugar Maple Low 10 - 20 feet 10 - 20 feet 4 Spruce 10 - 20 feet 4 Spruce 10 - 20 feet 10 - 20 fee		Red Maple	8	Pole/Log	9		Sug	ar Maple	Low	< 5 feet	< 5 feet		
29 4110 - Sugar Maple Association Poletimber Well 99.2 85 81-110 N/A Canopy Species % Cover Size Class DBH Age Sugar Maple 90 Log/Pole 11 85 Sugar Maple 5 Pole 8 Sugar Maple 5 Pole 8 Sugar Maple 8		Yellow Birch	4	Log	14				-				
Canopy Species % Cover Size Class DBH Age Sugar Maple 90 Log/Pole 11 85 Sugar Maple 5 Pole 8 Sugar Maple 5 Pole 8 Sugar Maple Low < 5 feet 5 feet Sugar Maple 22.9 86 Unspecified N/A Canopy Species 6 Cover Size Class DBH Age Black Cherry 5 Pole 8 Sugar Maple 22.9 86 Unspecified N/A Canopy Species 7 Cover Size Class DBH Age Pole/Log 8 Balsam Fir 20 Pole 8 Sugar Maple Low Variable Black Spruce 35 Pole 8 Sugar Maple Low Variable Northern White Cedar 29 Pole/Log 9 86 Black Spruce Northern White Cedar 29 Pole/Log 9 86 Black Spruce Low 5 - 10 feet Northern White Cedar 29 Pole/Log 9 86 Black Spruce Low 5 - 10 feet Sugar Maple Sub-Canopy Species Density Avg. Height Size Black Spruce Low 5 - 10 feet S - 10 feet S - 10 feet Northern White Cedar 29 Pole/Log 9 86 Black Spruce Low 5 - 10 feet S - 10		Hemlock	4	Log/Pole	12								
Sugar Maple 90 Log/Pole 11 85 Sugar Maple 5 Pole 8 Black Cherry 5 Pole 8 Canopy Species 6 Pole 8 Canopy Species 7 Pole 8 Canopy Species 7 Pole 8 Canopy Species 7 Pole 8 Canopy Species 8 Pole 8 Canopy Species 7 Pole/Log 8 Paper Birch 10 Pole 8 Black Spruce 10 Pole/Log 8 Black Spruce 35 Pole/Log 9 86 Black Spruce 35 Pole/Log 9 86 Northern White Cedar 29 Pole/Log 9 Red Maple 5 Pole 8 Sugar Maple 10 - 20 feet	29	4110 - Sugar N	/aple Assoc	ciation I	Poletimb	er Well	99.2	85	81-110	N/A			
Sugar Maple 90 Log/Pole 11 85 Sugar Maple Low 10 - 20 feet 10 - 20 fee		Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size		
Black Cherry 5 Pole 8 30 6124 - Lowland Spruce-Fir Poletimber Medium 22.9 86 Unspecified N/A Canopy Species % Cover Size Class DBH Age Yellow Birch 4 Pole/Log 8 Balsam Fir Low Variable Paper Birch 10 Pole 8 Red Maple Low Variable Black Spruce 35 Pole/Log 9 86 Black Spruce Spruce Cowns healthy. Patchy overstory distribution. Linear alder patches. Some upland knobs. Cedar and white birch saplings found. Black Spruce or Size Class DBH Age Blasam Fir Low Variable Variable Variable Cuts through the SW corner of the stand. Look at harvesting area outside of 300' trout stream buffer in stand 41, comp 38 to the west in the future. EB 2020		Sugar Maple	90	Log/Pole	11	85	Sug	ar Maple	Low	10 - 20 feet	10 - 20 feet		
30 6124 - Lowland Spruce-Fir Poletimber Medium 22.9 86 Unspecified N/A Canopy Species % Cover Size Class DBH Age Yellow Birch 4 Pole/Log 8 Balsam Fir Low Variable Paper Birch 10 Pole 8 Red Maple Low Variable Balsam Fir 20 Pole 8 Tag Alder High 5 - 10 feet Black Spruce Towns healthy. Patchy overstory distribution. Linear alder patches. Some upland knobs. Cedar and white birch saplings found. Variable Variable to the east. Chandler Brook cuts through the SW corner of the stand. Look at harvesting area outside of 300' trout stream buffer in stand 41, comp 38 to the west in full through the SW corner of the stand. Look at harvesting area outside of 300' trout stream buffer in stand 41, comp 38 to the west in full through the SW corner of the stand. Look at harvesting area outside of 300' trout stream buffer in stand 41, comp 38 to the west in full through the SW corner of the stand. Look at harvesting area outside of 300' trout stream buffer in stand 41, comp 38 to the west in full through the SW corner of the stand. Look at harvesting area outside of 300' trout stream buffer in stand 41, comp 38 to the west in full through the SW corner of the stand. Look at harvesting area outside of 300' trout stream buffer in stand 41, comp 38 to the west in full through the SW corner of the stand. Look at harvesting area outside of 300' trout stream buffer in stand 41, comp 38 to the west in full through the SW corner of the stand. Look at harvesting area outside of 300' trout stream buffer in stand 41, comp 38 to the west in full through the SW corner of the stand. Look at harvesting area outside of 300' trout stream buffer in stand 41, comp 38 to the west in full through the SW corner of the stand. Look at harvesting area outside of 300' trout stream buffer in stand 41, comp 38 to the west in full through the SW corner of the stand. Look at harvesting area outside of 300' trout stream buffer in stand 41, comp 38 to the west in full through throu		Red Maple	5	Pole	8		Sug	ar Maple	Low	< 5 feet	< 5 feet		
Canopy Species % Cover Size Class DBH Age Yellow Birch 4 Pole/Log 8 Balsam Fir Low Variable Paper Birch 10 Pole 8 Red Maple Low Variable Balsam Fir 20 Pole 8 Tag Alder High 5 - 10 feet Black Spruce 35 Pole/Log 9 86 Northern White Cedar 29 Pole/Log 9		Black Cherry	5	Pole	8	<u> </u>		·					
Yellow Birch 4 Pole/Log 8 Balsam Fir Low Variable Variable Paper Birch Balsam Fir 20 Pole 8 Balsam Fir 20 Pole/Log 9 86 Northern White Cedar 29 Pole/Log 9	30	6124 - Lowla	and Spruce	-Fir Po	oletimbe	r Mediur	n 22.9	86 L	Jnspecified	N/A			
Yellow Birch 4 Pole/Log 8 Balsam Fir Low Variable Variable Paper Birch 10 Pole 8 Red Maple Low Variable Balsam Fir 20 Pole 8 Tag Alder High 5 - 10 feet 5 - 10 feet Black Spruce 35 Pole/Log 9 86 Northern White Cedar 29 Pole/Log 9		Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size		
Balsam Fir 20 Pole 8 Tag Alder High 5 - 10 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet Multiple Substitution outside of 300' trout stream buffer in stand 41, comp 38 to the west in the future. EB 2020 Substitution outside of 300' trout stream buffer in stand 41, comp 38 to the west in the future. EB 2020 Substitution outside of 300' trout stream buffer in stand 41, comp 38 to the west in the future. EB 2020 Substitution outside of 300' trout stream buffer in stand 41, comp 38 to the west in the future. EB 2020 Substitution outside of 300' trout stream buffer in stand 41, comp 38 to the west in the future. EB 2020 Substitution outside of 300' trout stream buffer in stand 41, comp 38 to the west in the future. EB 2020 Substitution outside of 300' trout stream buffer in stand 41, comp 38 to the west in the future. EB 2020 Substitution outside of 300' trout stream buffer in stand 41, comp 38 to the west in the future. EB 2020 Substitution outside of 300' trout stream buffer in stand 41, comp 38 to the west in the future. EB 2020 Substitution outside of 300' trout stream buffer in stand 41, comp 38 to the west in the future. EB 2020 Substitution outside of 300' trout stream buffer in stand 41, comp 38 to the west in the future. EB 2020 Substitution outside of 300' trout stream buffer in stand 41, comp 38 to the west in the future. EB 2020 Substitution outside of 300' trout stream buffer in stand 41, comp 38 to the west in the future. EB 2020 Substitution outside of 300' trout stream buffer in stand 41, comp 38 to the west in the future. EB 2020 Substitution outside of 300' trout stream buffer in stand 41, comp 38 to the west in the future. EB 2020 Substitution outside of 300' trout stream buffer in stand 41, comp 38 to the west in the future. EB 2020 Substitution outside of 300' trout stream buffer in stand 41, comp 38 to the west in the future.			4	Pole/Log					_		Variable	black cherry and hermock are uncommon oversiony associates. Stan	
Balsam Fir 20 Pole 8 Tag Alder High 5 - 10 feet 5 - 10 feet black Spruce 35 Pole/Log 9 86 Northern White Cedar 29 Pole/Log 9		Paper Birch	10	Pole	8		Red	d Maple	Low	Variable	Variable		
Black Spruce 35 Pole/Log 9 86 Northern White Cedar 29 Pole/Log 9		Balsam Fir	20	Pole	8				High	5 - 10 feet	5 - 10 feet		
Northern White Cedar 29 Pole/Log 9		Black Spruce		Pole/Log	9	86						tile luture. ED 2020	
	No	· · · · · · · · · · · · · · · · · · ·			9							_	
WHITE FINE Z LOY 10		White Pine	2	Log	16								



Stand	Stand Level 4 C	over Type S	ver Type S	Size De	nsity	Acres	Stand Age	BA Range	Managed Si	ite	General Comments
31	4134 - Aspe			Sapling		3.5	5	Immature	N/A		2025 - stand regenerated to fully stocked aspen. Overall the stand looks healthy. 1/2021: Cut in 2020 with Haywire Mix SBW # 32-
	Canopy Species		Size Class		Age						019-17.
	Quaking Aspen	10	Sapling	1	5						
	Balsam Fir White Spruce	10	Sapling	1							
	writte Spruce	10	Sapling	ı							
32	4191 - Mixed Upla Co	and Decidu onifer	ous with	Poletimb	er Well	14.9	95	51-80	N/A		2025 - mixed up land hardwood stand. Hemlock and cedar growing or the edges. Fairly steep ridge intot the stand all the way around. One
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	area of decent sugar maple in the west end of the stand. Lots of birch and red maple in the rest. OPIC - FMD: Fair quality soft maple
	Sugar Maple	30	Log/Pole	13	95	Ва	alsam Fir	Medium	5 - 10 feet	5 - 10 feet	growing on a steep esker surrounded by lowland conifers. This stand
	Red Maple	15	Log/Pole	12							was formerly an F6 stand but budworm has killed most of the fir.
	Paper Birch	35	Log/Pole	10	95						
No	orthern White Cedar	15	Log/Pole	14							
33	6224 - 1	Treed Bog		Noi	ne	44.8			No		Black spruce and tamarack saplings. Infrequent 1 stick black spruce poles.
34	500 -	- Water		Noi	ne	4.7			No		About a 4 acre lake. Looks fairly deep in the air photo and in the field.
35	4110 - Sugar M	4110 - Sugar Maple Association		Sawtimber Well		35.4	95	111-140	N/A		2025 - good quality sugar maple stand up on top along the private
	Canopy Species	% Cover	Size Class	DBH	l Age						land. About half of the stand is on top of the ridge. Private access will be needed from the north. The eastern part of the stand is less rocky
	Sugar Maple	80	Log/Pole	15	95						and less of a drop into the lowland stands to the south. OPIC -
	Red Maple	10	Log/Pole	14							FMD: Good quality even-aged hard maple stand with occasional
	Yellow Birch	3	XLog/Log	18							larger sugar maple and yellow birch remnant. Most of the stand is inoperable due to very steep ridges and excessive rocks and
	Hemlock	7	Log/Pole	13							scattered room size boulders. Access is required through private
				'							land and road building would be very expensive. A survey would also be required to establish ownership boundaries.
36	6129 - Mixed Conife	erous Lowla	and Forest P	oletimbe	Medium	157.1	86	51-80	N/A		More open overstory than the stand to the east. About half cedar with
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	open spots in the canopy. There is an area in the north part of the stand that is heavy to spruce and tamarack that could be treated.
	Yellow Birch	10	Pole/Log	8		T	ag Alder	Medium	5 - 10 feet	5 - 10 feet	olaria mario noary to opraso ana tamanaon mariosana 20 moatoan
	Balsam Fir	20	Pole	6		Ва	alsam Fir	Medium	Variable	Variable	
	Black Spruce	25	Pole	8	86						
No	orthern White Cedar	45	Log/Pole	10	86						
37	6122 - Bl	ack Spruce		Poletimb	er Well	167.0	108	81-110	N/A		Access to the stand is prohibitive due to wet soils. Stand also blocked
	Canopy Species	% Cover	Size Class	DBH	l Age						by other physical features. Previous inventory reflects 100 sq ft of black spruce and 10 sq ft of tamarack. Average Dbh was 6 inches.
	Paper Birch	1	Pole	7	_						Black opiace and 10 sq it of tamarack. Average Dull was of mories.
	i apei biicii										
	Black Spruce	85	Pole/Log	9	108						
No	<u> </u>	85	Pole/Log Log/Pole	9 12	108						
No	Black Spruce				108						



Stand	Stand Level 4 Cover Type		•	Size Den	sity	Acres	Stand Age E	A Range	Managed S	ite	General Comments
38	6233 - Wet Meadow			None	1	10.4			No		
39	4134 - Aspe	en, Spruce/	Fir P	oletimber	Poor	40.3	47	1-50	N/A	1	Former grassy opening slowly filling in with trees. Poorer quality asper
	Canopy Species	% Cover	Size Class	DBH A	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	with spruce and fir filling in as well.
	Quaking Aspen	70	Pole/Sapling	6	47	Re	d Maple	Low	5 - 10 feet	5 - 10 feet	
	Balsam Fir	10	Pole/Sapling	6				'		1	
	White Spruce	10	Pole/Sapling	6							
	Black Cherry	10	Pole/Sapling	6							
41	6229 - Mixed	Lowland S	hrub	None	!	21.0			No		2025 - lowland tag alder and other shrubs. Very few trees with the wet soils. OPIC - FMD: OI Stand Year Origin was 1939
42	6224 - 1	Freed Bog		None		42.7			No		Wetland buffer of Miller Creek. The creek is about 8-10 feet wide through this area. There is quite a bit of dead standing timber, mostly cedar, that was flooded out away from the creek. There is free to grow cedar regenerating in the areas that were flooded out. Up close to the creek is mostly march grasses.
45	42210 - Nat	ural Red P	ine S	awtimber	Well	2.1	95	81-110	N/A	1	Isolated "island" of upland blocked by extremely wet treed bog. (2025)
	Canopy Species	% Cover	Size Class	DBH A	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	White Pine	5	Log	16		Blad	ck Spruce	Medium	Variable	Variable	
	Red Pine	95	Log	16	95	Blad	ck Spruce	Medium	Variable	Variable	
46	6121 - ⁻	Гатагаск	S	apling Me	edium	10.7	13	Immature	N/A	1	Treated summer of 2011 and winter of 2012 under contract #32-002-
	Canopy Species	% Cover	Size Class	DBH A	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	09.
	Balsam Fir	5	Sapling	1		Ta	ag Alder	Low	5 - 10 feet	5 - 10 feet	
	Black Spruce	38	Sapling	1	13	Ca	ttail spp.	Medium	Not Applicable	Not Applicable	6
No	orthern White Cedar	5	Pole	9							
	Tamarack	50	Sapling	1	13						
	White Pine	2	Sapling	2							
47	4134 - Aspe	en, Spruce/	Fir P	oletimbei	Well	45.4	33	51-80	N/A	Ĺ	Harvested under permit #32-027-89-1. Southwest corner has a thinnel
	Canopy Species	% Cover	Size Class	DBH A	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	area under 5 acres south of stand 48 that has less aspen and more spruce/fir. Small strip on south side is a little older with more fir (2025)
	Red Maple	2	Pole	5		Ва	lsam Fir	Medium	Variable	Variable	Sprace/iii. Official strip of South Side is a little older with more iii (2025)
	Paper Birch	5	Sapling/Pole	4		R	ed Pine	Trace	Variable	Variable	
	Quaking Aspen	68	Pole/Sapling	5	33	WI	nite Pine	Trace	Variable	Variable	
	Balsam Fir	20	Pole	8		Re	d Maple	Low	Variable	Variable	
	Black Spruce	2	Pole	5			•				1
	Tamarack	2	Pole	7							
	Red Pine	1	Pole	8							
48	330 - Low-[Density Tre	es	None		3.0			No		Opening created in 1992. Filling in with red pine. (2025)

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Stand	nd Level 4 Cover Type			Size De	nsity	Acres Stand Age BA Range			Managed	Site	General Comments
49	330 - Low-l	Density Tre	es	Noi	ne	1.2			N	o	Opening created in 1992. Infertile site not producing good herbaceous forage. Mainly sedge, bracken fern, and blueberry. Some scattered red pine, jack pine, and fir.
50	6129 - Mixed Conif	erous Lowla	and Forest F	Poletimb	er Well	70.8 80)	1-50	N/	A	Stand is very wet and basal area variable but is overall low.Multiple
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy S	pecies	Density	Avg. Height	Size	springs and drainages. Sphagnum moss common. Fir, tamarack, white birch, and cedar seedlings/saplings found. Michigan holly and
	Paper Birch	5	Pole	5		Cattail spp).	Medium	Not Applicable	Not Applicable	willow. Areas of stand treed bog quality. Higher density of overstory
	Black Spruce	15	Pole	7		Tamarack	<	Low	Variable	Variable	black spruce to east. Closed winter road bisects stand, which provided
No	orthern White Cedar	45	Pole	9	80	Tag Aldei	r	Medium	Variable	Variable	logging access to stand 10. Road is flooded with marsh and cattails, old corduroy along most of road length.
	Tamarack	30	Pole	7		Black Spru	ce	Medium	Variable	Variable	old colladicy along most of road longui.
	Black Ash	5	Pole	5		Northern White	Cedar	Low	Variable	Variable	
51	6122 - Bl	ack Spruce		Sapling	y Well	65.1 100	0		N/	A	Very wet and not productive for timber. Some poles on the edges but
	Canopy Species	% Cover	Size Class	DBH	l Age						overall small saplings (2025)
	Black Spruce	99	Sapling/Pole	4	100						
	Tamarack	1	Sapling/Pole	4							
52	4134 - Aspe	en, Spruce/	Fir	Sapling	y Well	19.1 13	3 I	Immature	N/	A	Access was through portion of private. Was winter cut due to long,
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy S	pecies	Density	Avg. Height	Size	very wet access road to fill with corduroy and freeze in. Harvested winter of 2012 under contract #32-002-09-01. Mainly aspen with fir,
	Red Maple	15	Sapling	2		White Pine		Low	Variable	Variable	pine and red maple on the edges. (2025)
	Quaking Aspen	57	Sapling	4	13	Red Pine	;	Low	< 5 feet	< 5 feet	
	Balsam Fir	20	Sapling/Pole	4		Red Pine	;	Low	Variable	Variable	
	Black Spruce	1	Pole/Sapling	6					ı		
	White Pine	5	Log/Pole	14							
	Red Pine	2	Log/Pole	12							
53	6122 - BI	ack Spruce	F	Poletimb	er Well	12.5 80)	51-80	N/	A	Trace amount of cherry in the canopy. (2025)
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy S	pecies	Density	Avg. Height	Size	
	Red Maple	5	Pole	8		Tag Aldei	r	High	5 - 10 feet	5 - 10 feet	
	Paper Birch	5	Pole	7		Balsam Fi	ir	Medium	Variable	Variable	
	Balsam Fir	10	Pole	6							
	Black Spruce	50	Pole	8	80						
No	orthern White Cedar	10	Pole	9							
	Tamarack	10	Pole	6							
	White Pine	10	XLog/Log	18							
55	6120 - Lo	wland Ceda	ır F	Poletimb	er Well	58.9 120	0	111-140	N/	A	North side has more ash under the cedar than the south. Small hump
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy S		Density	Avg. Height	Size	on the south side is mostly cedar and paper birch with red maple poles under canopy. Trace amount of hemlock, white pine and yellow
	Paper Birch	5	Pole	8		Black Ash	1	Low	Variable	Variable	birch (2025)
	Black Spruce	10	Pole	8		Balsam Fi		Low	Variable	Variable	
No	orthern White Cedar	73	Pole/Log	9	120	Red Maple	е	Low	Variable	Variable	
	Tamarack	2	Pole	8		Tag Aldei	r	Medium	5 - 10 feet	5 - 10 feet	
	Black Ash	10	Pole	8							



Stand	Level 4 C	over Type		Size De	nsity	Acres	Stand Age I	BA Range	Managed S	ite	General Comments
56	42140 - Plan	ited Mixed F	Pine F	Poletimb	er Well	3.8	30	111-140	N/A	٨	Alternating rows between red pine and jack pine. Red pine crowns
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	have started to outcompete the jack pine now and have a decent diameter. Less than 8' of room between the actual red pine crowns
	Red Pine	50	Pole/Sapling	7	30	Ва	lsam Fir	Low	< 5 feet	< 5 feet	leaving very little space for the jack pine to continue growth. Jack pine
	Jack Pine	50	Sapling/Pole	4	30			·			averages about 2 merchantable stick trees. Average of 12' - 15' between red pine rows. Average of about 130 BA.
57	4130	- Aspen		Sapling	ı Well	9.7	13	Immature	N/A	١	Treated summer of 2011 and winter of 2012, under contract #32-002-
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	09.
	Quaking Aspen	99	Sapling/Pole	4	13	Ва	lsam Fir	Low	5 - 10 feet	5 - 10 feet	
	Black Cherry	1	Sapling/Pole	3					1	1	
58	4130	- Aspen	F	Poletimb	er Well	2.5	40	81-110	N/A	١	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Quaking Aspen	100	Pole	6	40	Ва	lsam Fir	Low	Variable	Variable	
						Ва	lsam Fir	Low	Variable	Variable	
						Re	d Maple	Low	Variable	Variable	
59	6229 - Mixed	Lowland S	hrub	Nor	ne	2.7			No		Powerline ROW. Mostly low with a small upland strip. (2025)
60	6120 - Lo				Mediun	n 2.4	80	1-50	N/A	۸	Thin stand is thin. North side mostly small cedar with cattails. South
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	side is less than half an acre and is mostly blown down spruce. (2025)
	Black Spruce	10	Pole	8		Ca	ttail spp.	High	Not Applicable	Not Applicable	
No	rthern White Cedar	90	Sapling/Pole	4	80						
62	4130	- Aspen		Sapling	Well	12.1	13	Immature	N/A	٨	Harvested summer of 2011 and winter of 2012, under contract #32-
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	002-09-01. Adequate aspen stocking overall, patches that were heavier to fir are just starting to show fir and spruce establishment.
	Red Maple	3	Sapling	2		Hazelr	nut (Beaked)	Low	5 - 10 feet	5 - 10 feet	Oak and white pine poles present. Small patches of balsam poplar
	Red Maple	2	Pole	8							saplings. Black cherry saplings found. SF 2025: Well stocked
	Quaking Aspen	82	Sapling	1	13						aspen saplings.
	Balsam Fir	5	Sapling	3							
	Balsam Fir	5	Pole	8							
	Black Cherry	3	Sapling	2							
63	6124 - Lowla	and Spruce	-Fir P	Poletimb	er Poor	2.1	68	1-50	N/A	١	SF 2025: Lowland stand converting to tag alder. Very wet, very sparse
	Canopy Species	% Cover	Size Class	DBH	Age		nopy Species	Density	Avg. Height	Size	canopy.
	Red Maple	25	Pole	9	68	Ta	ag Alder	High	5 - 10 feet	5 - 10 feet	
	Ttod Mapio			9	00		19 / tidoi	3			
	Balsam Fir	25	Pole	5			19 / Haoi	3			
	· · · · · · · · · · · · · · · · · · ·				68		19 / HGC1				



Stand Level 4 Co		over Type		Size Density		Acres	Stand Age E	A Range	Managed S	Site	General Comments
64	4191 - Mixed Upla Co	and Decidu onifer	uous with	Sawtimber Well		2.9	58	81-110	N/A	A	Hill above Haywire Lake.Sf 2025: Northern hardwood pole stand. Mostly pole red maple, okay to poor quality. Log size white birch is
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	also a major component, with many of the birch in decline. Some super canopy spruce and white pine present. Understory is mostly
	Red Maple	50	Pole/Log	8	58	Ва	alsam Fir	High	10 - 20 feet	10 - 20 feet	small fir saplings.
	Red Oak	1	Sapling/Pole	e 4		Re	ed Maple	Low	5 - 10 feet	5 - 10 feet	
	Paper Birch	24	Log/Pole	12	58	Bla	ck Spruce	Trace	5 - 10 feet	5 - 10 feet	
	Balsam Fir	10	Pole	8				,			-
	Black Spruce	7	Pole	8							
65	6220 - Al	lder/Willow	V	No	ne	94.2			No)	Miller creek wetlands.SF 2025: Mostly tag alder in this wetland
						Sub-Ca	nopy Species	Density	Avg. Height	Size	corridor. Cedar snags within, likely from years of flooding or beaver activity.
						Ва	alsam Fir	Low	10 - 20 feet	10 - 20 feet	activity.
						T	ag Alder	Full	5 - 10 feet	5 - 10 feet	
						Bla	ck Spruce	Trace	10 - 20 feet	10 - 20 feet	
						Norther	n White Cedar	Low	>20 feet	>20 feet	
66	500 -	- Water		No	ne	11.8			No)	Haywire Lake.
67	6120 - Lowland Cedar		ar S	Sawtimber Mediun			123	51-80	N/A	Ą	Heavier stocking in patches. Hemlock saplings found. SF 2025:
	Canopy Species	% Cover Size Class		s DBH Age		Sub-Ca	nopy Species	Density	Avg. Height	Size	Lowland cedar stand. Some upland patches within with red maple an fir saplings.
	Yellow Birch	3	Log	14		Re	ed Maple	Low	10 - 20 feet	10 - 20 feet	in capings.
	Black Spruce	8	Log/Pole	10	84	F	lemlock	Low	Variable	Variable	
Nort	thern White Cedar	85	Log/Pole	11	123	Ва	alsam Fir	High	10 - 20 feet	10 - 20 feet	
	Hemlock	4	Log/Pole	13			Alder	Low	5 - 10 feet	5 - 10 feet	
68	6120 - Lov	wland Ced	ar Po	oletimbe	r Mediur	m 67.2	123	81-110	N/A	4	SF 2025: Highly variable stand, with pockets upwards of 200 BA. Ver
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	wet stand. Some openings with tag alder. Very saturated soils. Varied drainages throughout.
	Red Maple	5	Pole/Sapling	g 6		Ва	alsam Fir	Low	5 - 10 feet	5 - 10 feet	3 3
	Yellow Birch	3	Log/Pole	13		T	ag Alder	Medium	5 - 10 feet	5 - 10 feet	
	Paper Birch	2	Pole	5							-
	Balsam Fir	5	Sapling/Pole	e 4							
	Black Spruce	2	Pole	8	84						
Nort	thern White Cedar	80	Pole	8	123						
	Black Ash	3	Pole/Sapling	g 5							
69	500 -	- Water		No	ne	1.0			No)	OPIC - FMD: Z-WATER



Stan	Stand Level 4 Cover Type		s	ize De	ensity	Acres St	and Age B	A Range	Managed S	ite	General Comments
70	6120 - Lo	wland Ceda	ar Pole	etimbe	r Mediur	n 38.7	119	81-110	N/A	1	Yellow birch, fir, and white birch uncommon overstory members.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canop	y Species	Density	Avg. Height	Size	Drainage.SF 2025: Sphagnum moss understory. Cedar with dead and dying black ash. Tag alder pockets occur intermittently. Much of
	Red Maple	10	Pole	7		Balsar	m Fir	High	Variable	Variable	stand is in the Riparian Management Zone of Miller Creek.
	Yellow Birch	2	Pole	6		Red M	/laple	Low	Variable	Variable	
	Paper Birch	1	Sapling/Pole	4		Tag A	Alder	High	5 - 10 feet	5 - 10 feet	
	Balsam Fir	10	Pole	6		Black S	Spruce	Low	Variable	Variable	
	Black Spruce	8	Pole	8		Northern W	hite Cedar	Trace	< 5 feet	< 5 feet	
No	orthern White Cedar	61	Pole/Log	8	119						
	Tamarack	3	Pole	8							
	Black Ash	5	Pole/Sapling	5							
71	4319 - Mixed	l Upland Fo	orest Sa	apling l	Medium	8.9	34 lı	mmature	N/A	\	SF 2025: Very diverse mixed coniferous/ deciduous stand.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canop	y Species	Density	Avg. Height	Size	
	Red Maple	20	Pole/Sapling	5		Balsar	m Fir	Low	< 5 feet	< 5 feet	
	Paper Birch	10	Sapling	1							_
	Quaking Aspen	5	Sapling	4							
	Balsam Fir	40	Sapling	4	34						
	White Spruce	15	Sapling	4							
	Black Cherry	10	Sapling/Pole	4							
72	310 - Herbad	eous Open	lland	No	ne	1.8			No		Opening created in 1992. Fairly good grass forage. Site rises slightly as proceed north. Approximately 95% open. Some white spruce, black cherry, and white pine saplings encroaching. A few large sugar maples left for habitat within opening.
73	4112 - Maple, Beed	h, Cherry A	Association Sa	awtimb	er Well	6.9	109	111-140	N/A	\	SF 2025: Small vernal pool found in east edge of stand. Northern hardwood stand heavy to sugar maple with a ok to good quality. Maple
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canop	y Species	Density	Avg. Height	Size	¬ hardwood stand heavy to sugar maple with a ok to good quality. Maple saplings within are unacceptable growing stock. Lower quality
	Sugar Maple	56	Log/Pole	11	109	Balsar	m Fir	Low	5 - 10 feet	5 - 10 feet	sugar maple boles north of Haywire Rd Better quality sugar maple
	Red Maple	40	Log/Pole	11		Black C	Cherry	Trace	5 - 10 feet	5 - 10 feet	poletimber south of Haywire. Terrain quite hilly and strewn with
	Balsam Fir	2	Pole	8		Maple	(spp.)	Full	< 5 feet	< 5 feet	boulders south of Haywire.
	White Spruce	1	Log/Pole	11		Maple	(spp.)	Low	5 - 10 feet	5 - 10 feet	
	Black Cherry	1	Pole	8		Ironw	/ood	Medium	5 - 10 feet	5 - 10 feet	



Stand	d Level 4 C	over Type	;	Size Density		Acres	Stand Age B	A Range	Managed S	Site	General Comments
74	6120 - Lo	wland Ced	ar Pol	etimber	Medium	n 5.0	119	51-80	N/A	A	Patchy overstory cover with thick alder between patches. Drainage.SF 2025: Most of stand is cedar, with diverse mix of
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	other lowland-adapted species. Overstory is falling apart, which has
	Red Maple	14	Log/Pole	10		Ва	ılsam Fir	Medium	Variable	Variable	left canopy openings for younger cohorts of birch, maple, fir, and
	Paper Birch	2	Pole	7		Blad	ck Spruce	Low	Variable	Variable	spruce to grow into saplings and poles. Most of stand is within the
	Balsam Fir	9	Pole/Sapling	7		Northern	n White Cedar	Low	< 5 feet	< 5 feet	Riparian Management Zone of Miller Creek (300ft).
	Black Spruce	14	Log/Pole	10		Н	emlock	Low	Variable	Variable	
No	orthern White Cedar	55	Pole/Log	9	119	Haze	elnut (Spp.)	Medium	5 - 10 feet	5 - 10 feet	
	White Pine	1	XLog/Log	18		Re	ed Maple	Low	Variable	Variable	
	Hemlock	5	Log	12		Pa	per Birch	Low	Variable	Variable	
						Ta	ag Alder	Medium	5 - 10 feet	5 - 10 feet	
						Yel	low Birch	Low	Variable	Variable	
75	6128 - Lowland Dec	Coniferous	, Mixed Pol	etimber	Medium	n 1.4	119	141-170	N/A	A	South shoreline of Miller Lake. Steep bank down to lake. SF 2025: Hemlock, cedar, and mixed deciduous stand.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Sugar Maple	5	Pole/Log	9		Ва	ılsam Fir	Low	5 - 10 feet	5 - 10 feet	
	Red Maple	10	Pole/Log	9							
	Yellow Birch	5	Pole/Log	9							
	Paper Birch	10	Pole/Log	9							
	Balsam Fir	5	Pole	8							
	White Spruce	5	Pole	8							
No	orthern White Cedar	30	Pole/Log	9	119						
	Hemlock	30	Log/Pole	12	119						
76	4110 - Sugar N	Maple Asso	ciation S	awtimbe	er Well	8.3	109	111-140	N/A	\	Thinned during 1990-94 period, via 14 separate firewood units. Good
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	timber quality to maple boles. Low ridge runs through stand. Red oak, white spruce, and white pine found in overstory.2025, SF: Dense
	Sugar Maple	90	Log/Pole	11	109	WI	hite Pine	Trace	5 - 10 feet	5 - 10 feet	northern hardwood stand in the log pole size class; species
	Red Maple	7	Log/Pole	11	109	Ва	ılsam Fir	Low	5 - 10 feet	5 - 10 feet	composition is sugar maple. OK to good sawtimber quality in the log
	Red Oak	1	Log/Pole	12	109	Ма	ple (spp.)	Low	5 - 10 feet	5 - 10 feet	and pole size classes. Maple saplings are sparse in the stand interior and are mostly unacceptable growing stock.
	White Spruce	1	Log	17		Whi	te Spruce	Trace	5 - 10 feet	5 - 10 feet	and are mostly unacceptable growing stock.
	White Pine	1	XLog	25		Ire	onwood	Trace	Variable	Variable	
77	6121 -	Tamarack	P	oletimbe	er Poor	2.1	69	1-50	N/A	λ	Slope at far north. Sphagnum and pools of water.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Black Spruce	26	Pole/Sapling	6		Lab	rador Tea	Low	< 5 feet	< 5 feet	
	Tamarack	50	Pole/Sapling	6	69	Ва	ılsam Fir	Medium	10 - 20 feet	10 - 20 feet	
	White Pine	4	Log	14		Ta	amarack	Medium	10 - 20 feet	10 - 20 feet	
	Hemlock	20	Log	16		-	-		-		

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Stand	Level 4 C	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
78	4112 - Maple, Beed	h, Cherry A	Association	Sawtimb	er Well	3.4	109	81-110	N/A	A	Moderate quality boles. White birch, hemlock, cedar, and yellow birch
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	uncommon overstory associates.
	Sugar Maple	55	Log/Pole	12	109	Ва	lsam Fir	Low	10 - 20 feet	10 - 20 feet	
	Red Maple	36	Log/Pole	12		Sug	ar Maple	Medium	10 - 20 feet	10 - 20 feet	
	Paper Birch	5	Log/Pole	10							-
No	rthern White Cedar	2	Log/Pole	10							
	Hemlock	2	Log	14							
79	6224 - ⁻	Treed Bog		Nor	ne	4.4			No)	Mainly spruce saplings with leatherleaf. Small old borrow pit at south
					ſ	Sub-Ca	nopy Species	Density	Avg. Height	Size	end, used to improve Haywire Rd. Cedar seedlings along Haywire rd.SF 2025: Confirm last inventory data. Also saw Labrador tea.
						Labr	rador Tea	Low	< 5 feet	< 5 feet	10.01 2020. Committ last inventory data. Also saw Labrador tea.
						Blac	k Spruce	Low	Variable	Variable	
						Lea	atherleaf	High	< 5 feet	< 5 feet	
80	3301 - Low Densi	ty Deciduo	us Trees	Nor	ne	1.1			No)	Overhead powerline ROW.SF 2025: Power ROW. Lines enter the
						Sub-Car	nopy Species	Density	Avg. Height	Size	ground at multiple locations and extend into surrounding stands.
							d Grasses	Full	Not Applicable	Not Applicable	
						Ва	lsam Fir	Low	Variable	Variable	
81	4319 - Mixed	prest	Sapling	Well	18.5	34	mmature	N/A	A	White pine and red oak saplings present.SF 2025: Very diverse	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cai	nopy Species	Density	Avg. Height	Size	mixed coniferous/ deciduous stand. Overstory is mostly pole/sapling class, with older, larger, red maple, hemlock, and cedar interspersed
	Sugar Maple	5	Pole	7		Servicebe	erry (Juneberry)	Trace	5 - 10 feet	5 - 10 feet	throughout the stand left from the last timber harvest.
	Sugar Maple	2	Sapling	3	34	Re	ed Pine	Trace	10 - 20 feet	10 - 20 feet	
	Red Maple	5	Log	16			Alder	Low	5 - 10 feet	5 - 10 feet	
	Red Maple	20	Pole/Saplin	g 5	34	Re	ed Oak	Trace	10 - 20 feet	10 - 20 feet	
	Yellow Birch	1	Pole	8		Northern	White Cedar	Trace	< 5 feet	< 5 feet	
	Red Oak	1	Pole	7		Wh	nite Pine	Trace	10 - 20 feet	10 - 20 feet	
	Paper Birch	10	Sapling	1	34				1		
	Balsam Fir	24	Pole/Saplin	g 5	34						
	White Spruce	15	Sapling/Pol	e 4	34						
No	rthern White Cedar	2	Pole	9							
	Hemlock	5	XLog/Log	18							
	Black Cherry	10	Sapling/Pol	e 4							
82			Poletimb	er Well	3.6	94	51-80	N/A	A	Scattered red oak in overstory. White pine, hemlock, white spruce,	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	white birch, and cedar are uncommon overstory associates. Hemlock saplings found. Vernal ponds. 3 driveways pass through this small
	Sugar Maple	60	Pole/Log	8	94	Ва	lsam Fir	Low	10 - 20 feet	10 - 20 feet	stand. Should consider disposing of this stand as managerially not
	Red Maple	34	Pole	8	-			'		•	desirable with so much private access and associated
	Yellow Birch	2	Log/Pole	12							homes/camps,4 acres and powerline ROW, besides being separated from rest of compartment by paved county road.
	Hemlock	4	Lon	14							nom rost of compartment by paved county road.

Hemlock

4

Log

14



Stand	Level 4 Co	over Type	;	Size De	nsity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
83	42200 - Natu	ıral White F	Pine Sa	wtimber	Medium	n 7.1	95	51-80	N/A	Λ.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	White Pine	75	XLog	18	95	Re	ed Maple	High	Variable	Variable	
	Red Pine	25	XLog/Log	18		Ва	ılsam Fir	Medium	Variable	Variable	
						Qual	king Aspen	Medium	Variable	Variable	
84	4130	- Aspen	Р	oletimb	er Well	6.6	34	81-110	N/A	1	Quite steep, south facing slope with high ridge along east edge.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Access from old skid trail from Haywire lake Rd. Very rocky area. White spruce, ironwood, sugar maple, and white birch saplings found.
	Quaking Aspen	95	Pole/Sapling	6	34	Ва	llsam Fir	Medium	5 - 10 feet	5 - 10 feet	Scattered sugar maple poletimber.
	Balsam Fir	5	Pole/Sapling	7					1		
85	4112 - Maple, Beec	h, Cherry A	Association P	oletimb	er Well	2.6	94	51-80	N/A	١	Queens Cottage resort driveway passes through stand from south to
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	northeast. Should consider disposing of stand as less than 3 acres, separated from rest of compartment by paved plowed road, and the
	Sugar Maple	70	Pole/Log	8	94	Ва	llsam Fir	Low	10 - 20 feet	10 - 20 feet	driveway makes for a undesirable management situation. Driveway is
	Red Maple	24	Pole	8					I	ı	posted with reflective markers for snow plowing.
	Yellow Birch	2	Log/Pole	12							
	Hemlock	4	Log	14							
86	4110 - Sugar M	laple Asso	ciation S	awtimb	er Well	53.2	109	51-80	N/A	\	Thinned in 2022 under #32-014-19 (2), "Shaggy Hardwood" (formerly
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	part of compartment 32040). Portions of North 1/2 of stand were thinned during 1990-94 period as small fuelwood units. Nice quality to
	Sugar Maple	81	Log/Pole	11	109	WI	hite Pine	Trace	5 - 10 feet	5 - 10 feet	sugar maple boles. Productive site. SF 2025: Confirmed last
	Red Maple	5	Log/Pole	12	109	Lea	therwood	Low	< 5 feet	< 5 feet	inventory notes. Low maple sapling regeneration; not much time has passed since harvest in '22. Sapling regeneration present is
	Yellow Birch	2	Pole/Log	8		Ва	ılsam Fir	Low	10 - 20 feet	10 - 20 feet	unacceptable growing stock.
	Basswood	1	Log	13		Ire	onwood	Low	Variable	Variable	1 3 3
	Red Oak	4	Log	15		Ma	ple (spp.)	Low	>20 feet	>20 feet	
	Paper Birch	2	Pole/Log	9							
No	rthern White Cedar	1	Pole	8							
	White Pine	1	XLog/Log	18							
	Hemlock	2	Log/XLog	16							
	Black Cherry	1	Log/Pole	10							
87	4319 - Mixed	Upland Fo	rest P	oletimb	er Well	1.9	100	81-110	N/A	Λ.	Leave for aquatic buffer. Contains small marsh.
	Canopy Species		Size Class		Age						
	Red Maple	25	Pole	7							
	Yellow Birch	25	Log/Pole	13	100						
	White Spruce	25	Log/Pole	10							
	Hemlock	25	Log/Pole	13	100						



Stand	nd Level 4 Cover Type Size Density			nsity	sity Acres Stand Age BA Range			Managed \$	Site	General Comments	
89	6224 - 1	Treed Bog		Nor	ie	1.5			No	0	Small patch of swamp conifers at southeast portion of stand.SF
						Sub-Ca	nopy Species	Density	Avg. Height	Size	2025: Leatherleaf bog. Most trees within have died, leaving pole-sized snags. Likely the cause of mortality was flooding.
						Spha	gnum Moss	High	Not Applicable	Not Applicabl	e
						Blac	ck Spruce	Trace	Variable	Variable	
						Northern	n White Cedar	Trace	Variable	Variable	
						Та	ag Alder	Low	5 - 10 feet	5 - 10 feet	
90	4119 - Mixed No	rthern Har	dwoods Po	letimb	er Well	2.3	98	81-110	N//	A	SF 2025: Small patch of northern hardwood. Good quality to some log
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	size trees. Isolated, small patch against private.
	Sugar Maple	45	Log/Pole	15	98	WI	hite Pine	Low	5 - 10 feet	5 - 10 feet	
	Red Maple	25	Log/Pole	15		Ва	ılsam Fir	Medium	Variable	Variable	
	Yellow Birch	5	Log/Pole	15		Sug	gar Maple	High	Variable	Variable	
	Paper Birch	5	Pole	8				'	ı	1	
Е	Bigtooth Aspen	10	Log	16							
	Balsam Fir	5	Pole/Sapling	5							
	Black Spruce	5	Pole/Sapling	5							
91	6124 - Lowla	and Spruce	e-Fir Po	letimb	er Well	10.3	93	81-110	N//	A	SF 2025: About 75% canopy closure overall. Good quality black
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	spruce. Some stems are starting to age out. Wet pocket site conditioned to the west in the stand is mostly tag alder. Ground cover
	Red Maple	15	Pole	7		Ва	ılsam Fir	Medium	Variable	Variable	of sedge, sphagnum, Labrador tea. Upland hills of Spruce, fir, birch,
	Yellow Birch	2	Pole	5		Re	ed Maple	Medium	Variable	Variable	and aspen in the southern portion of the stand. Adjacent to stream
	Paper Birch	5	Pole/Log	9		Ta	ag Alder	Medium	5 - 10 feet	5 - 10 feet	corridor.
Е	Bigtooth Aspen	13	Log/Pole	15							-
	Balsam Fir	5	Pole	5							
	Black Spruce	45	Pole	8	93						
Nort	thern White Cedar	10	Pole/Log	9							
	Tamarack	5	Pole	9							
92	42350 - Upl	and Hemlo	ock Sa	wtimb	er Well	12.1	113	201+	N//	A	Stand borders Miller Lake. South portion of stand is long, steep slope
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	down to lake. Higher proportion of cedar near shoreline. White pine and fir are uncommon overstory associates. White birch and hemlock
	Sugar Maple	1	Log	12		Northerr	n White Cedar	Trace	Variable	Variable	saplings present. SF 2025: Confirmed last inventory notes. Very
	Red Maple	5	Log/Pole	12		Ва	ılsam Fir	Low	Variable	Variable	little regeneration in the understory. Basal area in pure hemlock areas
	Yellow Birch	5	Pole	8							」is very high.
	Paper Birch	2	Pole	8							
	Balsam Fir	2	Sapling/Pole	4							
Nort	thern White Cedar	15	Pole/Log	8							
	Hemlock	70	Log/XLog/Pole	16	113						



Stand	and Level 4 Cover Type		Size De	nsity	Acres	Stand Age B	A Range	Managed \$	Site	General Comments	
93	6122 - BI	ack Spruce	•	Sapling	Poor	28.6	49	1-50	N/A	4	SF 2025: Non-productive lowland conifer, almost a treed bog cover
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	type. Contains tributary to Miller Creek. Many intermittent streams within. Beaver activity seen.
	Red Maple	15	Sapling	3		Tag	g Alder	High	5 - 10 feet	5 - 10 feet	
	Paper Birch	20	Sapling	3		Black	k Spruce	Medium	5 - 10 feet	5 - 10 feet	
	Balsam Fir	10	Sapling	3		Northern	White Cedar	Low	5 - 10 feet	5 - 10 feet	
	Black Spruce	50	Sapling	3	49						
	Tamarack	5	Sapling	3							
95	6122 - BI	ack Spruce)	Poletimb	er Well	6.0	80	51-80	N/A	4	Trace amount of cedar and tamarack. (2025)
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Black Spruce	100	Pole	7	80	Black	k Spruce	Low	< 5 feet	< 5 feet	
96	6123 - L	owland Fir		Sapling	Well	3.8	25 I	mmature	N/A	4	Cutting permit #32-99-01, Finished in 2000. There are a few cedar
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	opy Species	Density	Avg. Height	Size	scattered around in the stand.SF 2025: Maple mostly from stump sprouts.
	Sugar Maple	3	Log/Pole	10		Bal	sam Fir	Medium	< 5 feet	< 5 feet	oprodio.
	Red Maple	3	Pole	8				,			-
	Red Maple	20	Sapling	3	25						
	Paper Birch	4	Sapling	3	25						
	Quaking Aspen	8	Sapling	2	25						
	Balsam Fir	50	Sapling	4	25						
	White Spruce	10	Sapling	3	25						
No	orthern White Cedar	2	Log/Pole	12							
97	4110 - Sugar N	laple Asso	ciation	Sawtimb	er Well	45.9	99	81-110	N/A	4	Cut under permit #32-007-99-01.SF 2025: Good quality northern
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	opy Species	Density	Avg. Height	Size	hardwood log/pole stand heavy to sugar maple. Sparse sapling regeneration seen, and regeneration was unacceptable growing stock.
	Sugar Maple	81	Log/Pole	12	99	Blac	k Cherry	Low	< 5 feet	< 5 feet	Paper birch in stand is good quality but is in decline, likely because of
	Red Maple	5	Log/Pole	11		Leat	herwood	Low	5 - 10 feet	5 - 10 feet	age.
	Paper Birch	3	Log/Pole	10		Suga	ar Maple	High	< 5 feet	< 5 feet	
	Balsam Fir	4	Pole	5		Suga	ar Maple	Low	< 5 feet	< 5 feet	
	White Spruce	1	Log	14		Iro	nwood	Low	5 - 10 feet	5 - 10 feet	
	Hemlock	3	Log/Pole	12							_
	Black Cherry	3	Pole/Sap/Log	g 8							
101	6122 - BI	ack Spruce	•	Sapling	Poor	37.6	40		N/A	4	2025 - very low and wet stand of spruce. Very stunted trees with most less than 15 feet tall.
	Canopy Species	% Cover	Size Class		Age						icos tilan 10 icet tali.
	Balsam Fir	5	Sapling	2							
	Black Spruce	85	Sapling	2	40						
	Tamarack	10	Sapling	3							



Stand	Level 4 Cover Type			Size Density		Acres Stand Age BA Rang			Managed S	Site	General Comments
104	6128 - Lowland Coniferous, Mixed Deciduous			Poletimber Poor		3.9	123	1-50	N/A		Low density lowland cedar stand surrounded by red maple/ fir saplin stand.SF 2025: Lowland stand with low density cedar and tag alder
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	and pockets of red maple regeneration.
	Red Maple	30	Sapling	3			ck Cherry	Low	10 - 20 feet	10 - 20 feet	
	Yellow Birch	5	Log	14		Ta	ag Alder	High	10 - 20 feet	10 - 20 feet	
	Balsam Fir	15	Sapling/Pole	4							_
	Black Spruce	2	Pole/Log	8	84						
Nor	thern White Cedar	45	Log/Pole	10	123						
	Hemlock	3	Pole/Log/Sap	8							
105	4131 - Aspen, Oak		P	Poletimber Well		12.2	27	51-80	51-80 N/A		Area treated in 1998 under permit # 012-97-01. Large oak clumps
	Canopy Species % Cove		Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	over aspen. This is transitioning into a pole stand. (2025)
	Sugar Maple	2	Pole	8		Ва	lsam Fir	Low	Variable	Variable	
	Red Maple	5	Sapling/Pole	3		WI	nite Pine	Trace	Variable	Variable	
Red Oak		15	Sapling/Pole	4		Iro	onwood	Low	Variable	Variable	
Red Oak		20	XLog/Log	18	100	R	ed Oak	Low	Variable	Variable	
(Quaking Aspen	55	Sapling/Pole	4	27						_
	Balsam Fir	3	Pole	5							
400	330 - Low-Density Trees None					2.7			No	1	Old opening filling in with sap and pole sized fir, aspen, white pine, cherry and maple. (2025)
401	330 - Low-Density Trees				ne	1.7		No		1	Old opening filling in with sap and pole sized fir, aspen, white pine, cherry and maple. (2025)
402	330 - Low-Density Trees				ne	3.8			No	1	Old opening filling in with sap and pole sized fir, aspen, white pine, cherry and maple. (2025)
404	310 - Herbac	nland	Nor	ne	3.8			No	1		
405	4211 - Planted Red Pine			Unspecifed		4.9 3 Immature				Old sand borrow pit. Lot of sedge and lichens. Scattered trembling aspen, jack pine, and red pine saplings. Red pine thriving. ATVs and	
							nopy Species	Density	Avg. Height	Size	aspen, jack pine, and red pine sapings. Red pine thirving. At vs and motorcycles using area.
						R	ed Pine	Full	< 5 feet	< 5 feet	
406	6 3102 - Grass				ne	1.3			No)	A small grass opening.
407	310 - Herbac	Nor	ne	0.9			No	<u> </u>	Merge with aspen stand. Full of regen		



Stand	d Level 4 Co	Level 4 Cover Type			nsity	Acres	Stand Age BA Range	Managed Site	General Comments	
408	4130 -	Sapling Medium			2.7	5	N/A	Old openingnthat was cut with the adjacent aspen stand. The opening		
	Canopy Species	% Cover	Size Class	DBH	Age				is now filling in with aspen and a forested stand. A few hemlock were left during the harvest.	
	Quaking Aspen	90	Sapling	1	5				ion during the narvost.	
	Balsam Fir	5	Sapling	1						
	Hemlock	5	Log	14						
409	310 - Herbaceous Openland			Nor	ne	2.9		No	Cherry, spruce, fir, and aspen filling in.	
410	42330 - l	Poletimber Medium			ı 1.5	55	N/A	Depression in landscape. Probable frost pocket. Fringe of F6. Center		
	Canopy Species	% Cover	Size Class	DBH	Age				is barren ground strawberry, raspberry, and fir saplings.	
	Balsam Fir	65	Pole	8	55					
	White Spruce	35	Pole	8	55					
411	4134 - Aspen, Spruce/Fir			Poletimber Poor		1.2	55	N/A	Old opening that has filled in with trees and become a forested stand.	
	Canopy Species	% Cover	Size Class	DBH	Age					
	Sugar Maple	25	Log/Pole	10						
	Quaking Aspen	50	Pole	8	55					
	Balsam Fir	25	Pole	7						
412	310 - Herbaceous Openland None				ne	1.5		No	2025 - opening was cut with adjacent aspen. Roughly 1/2 area grasses, 1/2 raspberry. Fir is encroaching. Many boulders.	