

Compartment Review Presentation

Gwinn Forest Management Unit

Compartment 32051 Entry Year 2027 Acreage: 8,751

County: Marquette

Management Area: Ralph Moraine

Stand Examiner: Jacob Siler

Legal Description:

T44N, R26W, Sections 8, 9, 10, 13, 14, 15, 16, 17, 20, 21, 22, 23, 24, 25, 26, 27, 28, 35, 36T44N, R25W Sections 19, 29, 30, 31, 32

Identified Planning Goals:

The majority of this compartment constitutes the Bill Rollo Grouse Enhanced Management Site (GEMS). Management activities are prioritized by the GEM.

Soil and topography:

Terrain is relatively level to lightly sloping with soils ranging from mucks in the bog areas to excessively drained sands in the northeast portion of the compartment. Major soil associations include the Sagola-Rubicon Complex, Emmet-Escanaba, Paguin-Finch sand, and Rubicon sand.

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

The area is predominately state-owned land, with one 40-acre private, non-industrial in-holding. The Bill Rollo Grouse Enhanced Management Site (GEMS) now contains most of the compartment. The area hosts a variety outdoor activity: hunting, fishing, hiking, and ATV/snowmobile riding.

Unique Natural Features:

The compartment is bordered by Chandlers Brook on the east side, Bryan Creek on the west and the West Branch of the Escanaba River on the south side. It contains Landon Lake and 3 ERA sites (Ecological Reference Area).

Archeological, Historical, and Cultural Features:

There is some evidence of old logging camps in this compartment but no major concerns.

Special Management Designations or Considerations:

The compartment contains the Bill Rollo Grouse Enhanced Management Site (GEMS). This compartment also contains 3 ERA sites; poor confier swamp, Management is guided by the Bill Rollo GEMS Management Plan.

Watershed and Fisheries Considerations:

This compartment contains Poplar Creek, Bryan Creek, Chandler Brook, Bobs Creek, Wilson Creek, and the West Branch Escanaba River. These streams are all designated Type 1 trout streams less than 50-ft wide and have predicted mean July water temperatures that range from 59.9 to 66.9°F (cold to cool streams). 300-ft buffers are recommended for these streams 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.

Wildlife Habitat Considerations:

This compartment is found within the Ralph Moraine Management Area, on Ground Moraines in northern Dickinson and southern Marquette Counties. The dominant Natural Communities are mesic northern forest, poor conifer swamps, and dry mesic northern forest. Major forest cover types include Aspen, Northern Hardwoods, and Mixed Lowland Conifers. Almost every cover type and associated species can be found within the management area including several deer wintering complexes. This management area provides some of the finest grouse and woodcock hunting in the Midwest and this is a wildlife management priority that will continue. Wildlife management issues in the management area are early successional forest conditions (associated with alder, riparian zones, or forested wetlands); mast (hard and soft); habitat fragmentation; mature forest (upland deciduous, especially aspen and mixed forest with little understory); course woody debris; and deer wintering complexes. The following have been identified as featured species for the Ralph Moraine Management Area: American Woodcock, Blackburnian Warbler, Golden-winged Warbler, Wood Thrush, Black-backed Woodpecker, Ruffed Grouse, Turkey, American Marten, Snowshoe Hare, White-tailed Deer, Black Bear. For lands purchased with Pittman—Robertson Act or Game and Fish funds, the primary objective of vegetative management must be wildlife

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial oil & gas production in this part of the state. The Kate's Grade sand & gravel pit is less than one mile west. While it is unclear whether the State owns the sand & gravel rights for the existing pit, the DNR had recently leased the undeveloped property just south of the pit to the Dickinson County Road Commission. That lease terminated last year without the DCRC ever developing the property. There is good potential for additional development of sand & gravel within the compartment on the upland drumlins. Historic abandoned iron mines occur roughly five miles northeast of the compartment. There is no history of exploration or mining within the compartment, and there is no current metallic mineral leasing activity involving State-owned mineral rights in the area. There may be some potential for the occurrence of metallic or critical minerals at depth beneath the compartment, but further investigation would be required, and, at this time, potential of future metallic mineral mining within the compartment is considered low. The State does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, the surface owner must provide the owner of the mineral rights reasonable access to the surface for mineral exploration and development.

Vehicle Access:

Vehicle access to the compartment is excellent via County Road 438, Perrin Bros. Road, and numerous 2-tracks.

Survey Needs:

Recreational Facilities and Opportunities:

Bill Rollo memorial GEM hosts hunting, hiking and snowshoeing. The compartment also contains many 2-tracks for hunting and fishing access. A snowmobile trail also runs down Perrin Bros Rd.

Fire Protection:

This compartment has a low risk for wildfire.

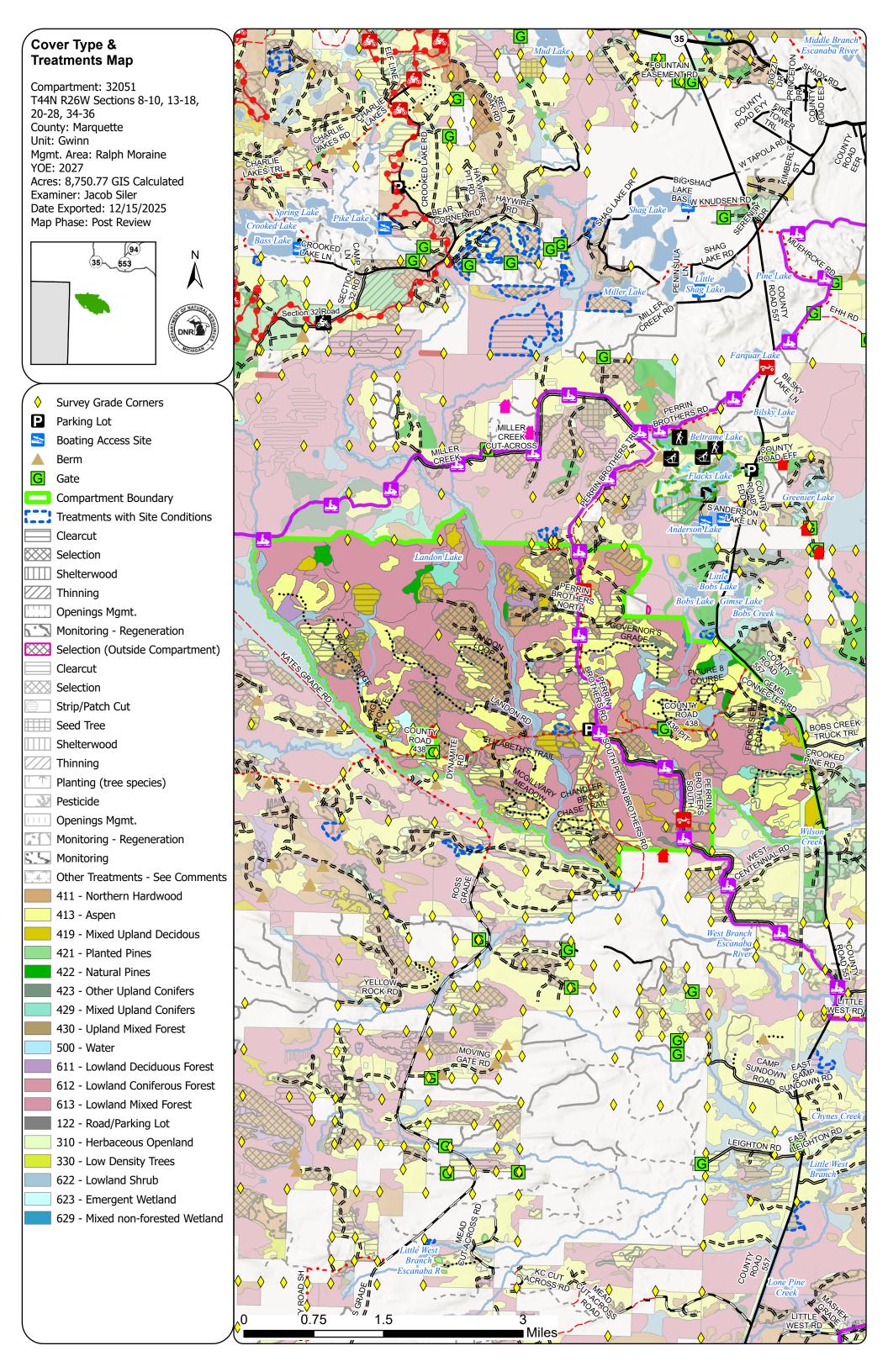
Additional Compartment Information:

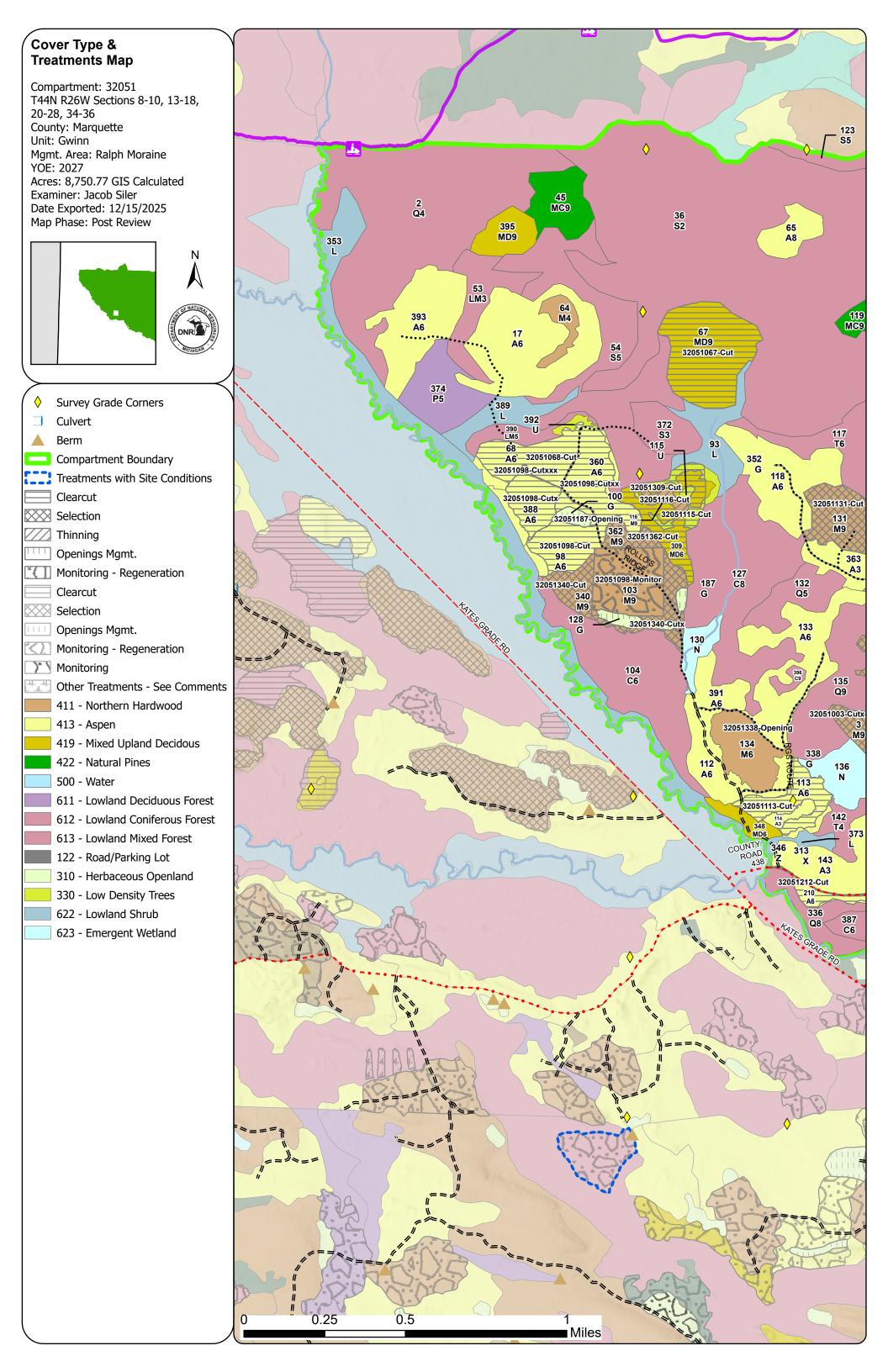
The following reports from the Inventory are attached:

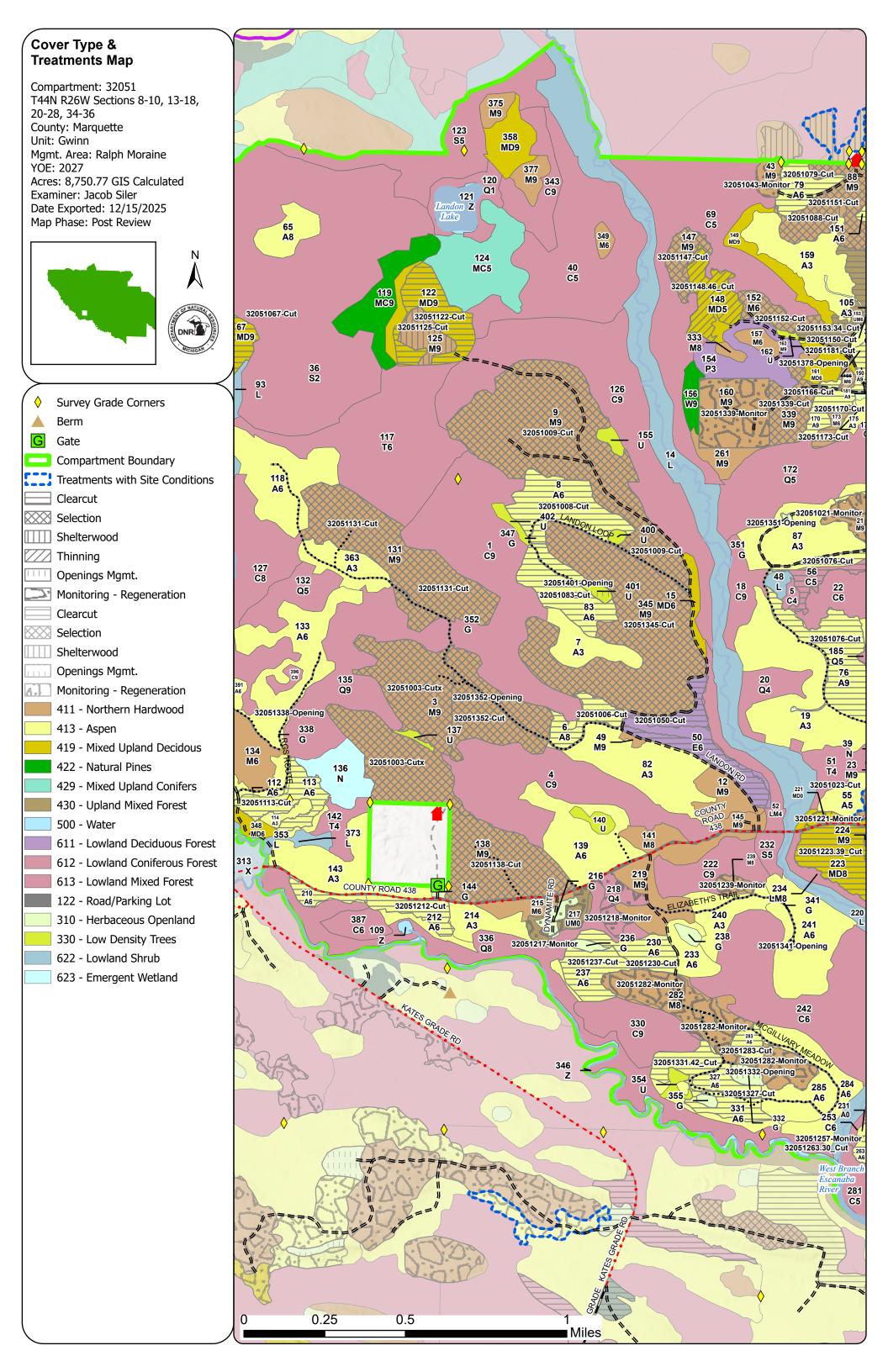
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

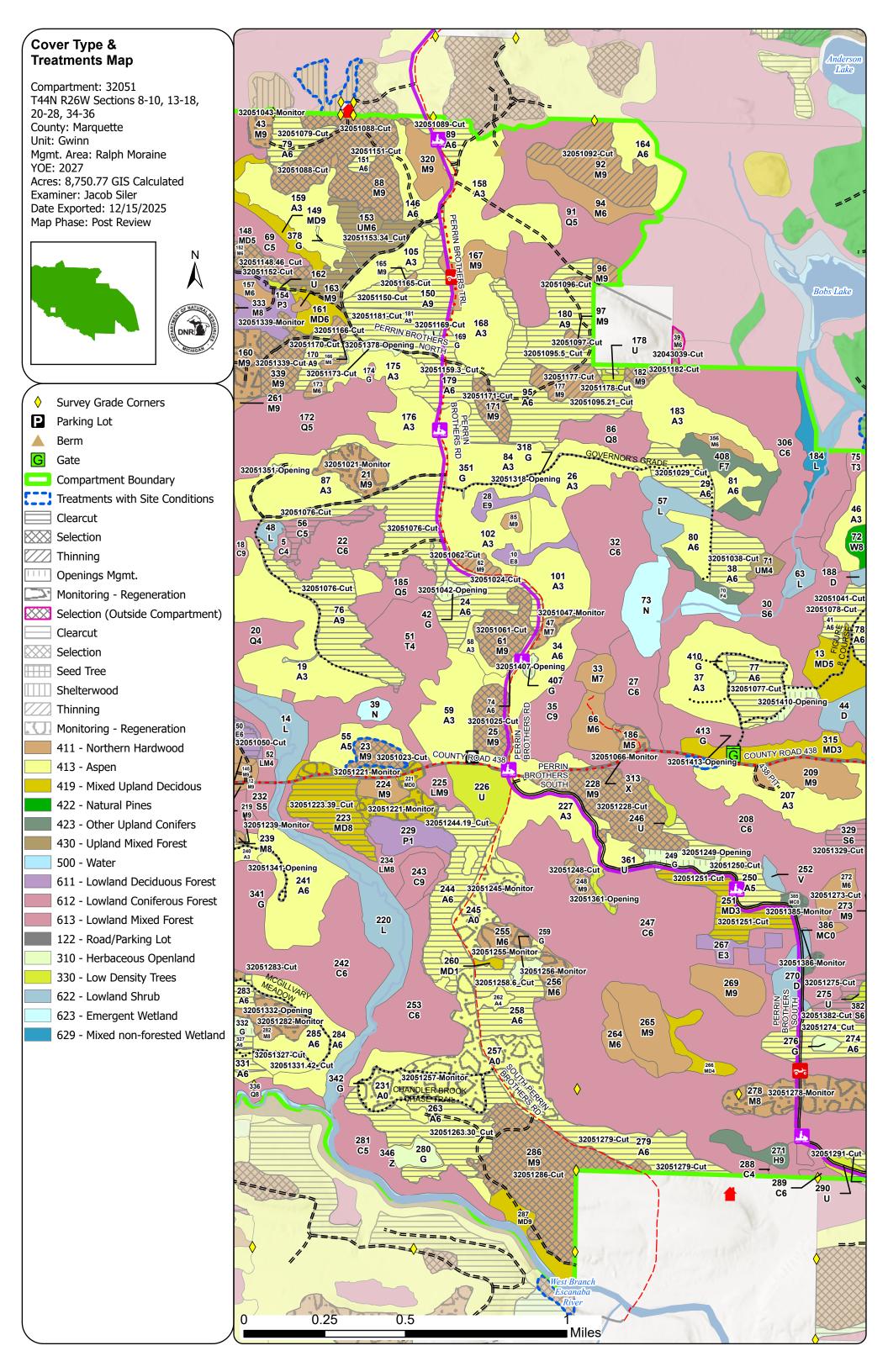
The following information is displayed, where pertinent, on the attached compartment maps:

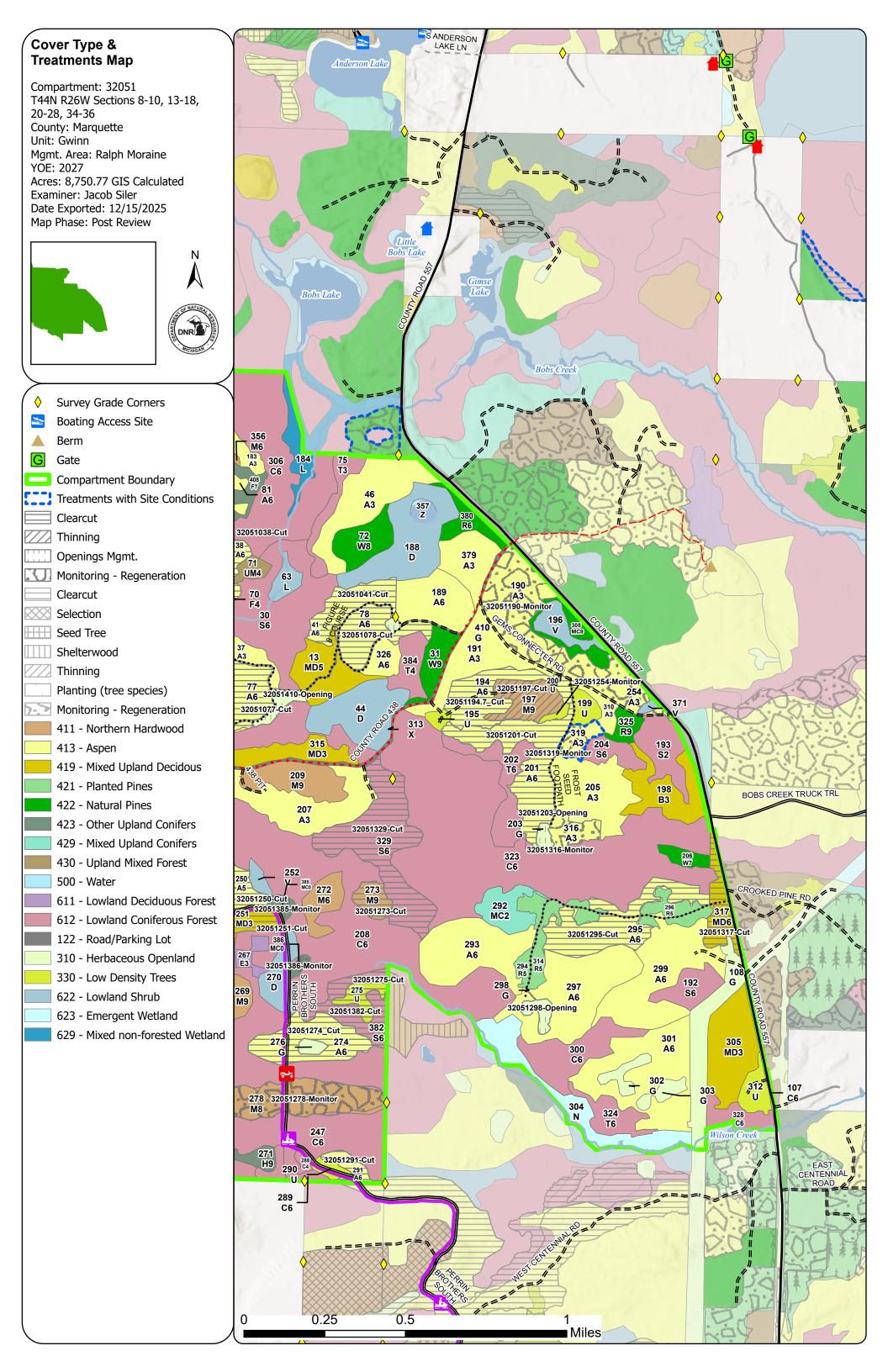
Base feature information, stand boundaries, cover types, and numbers Proposed treatments
Site condition boundaries
Details on the road access system

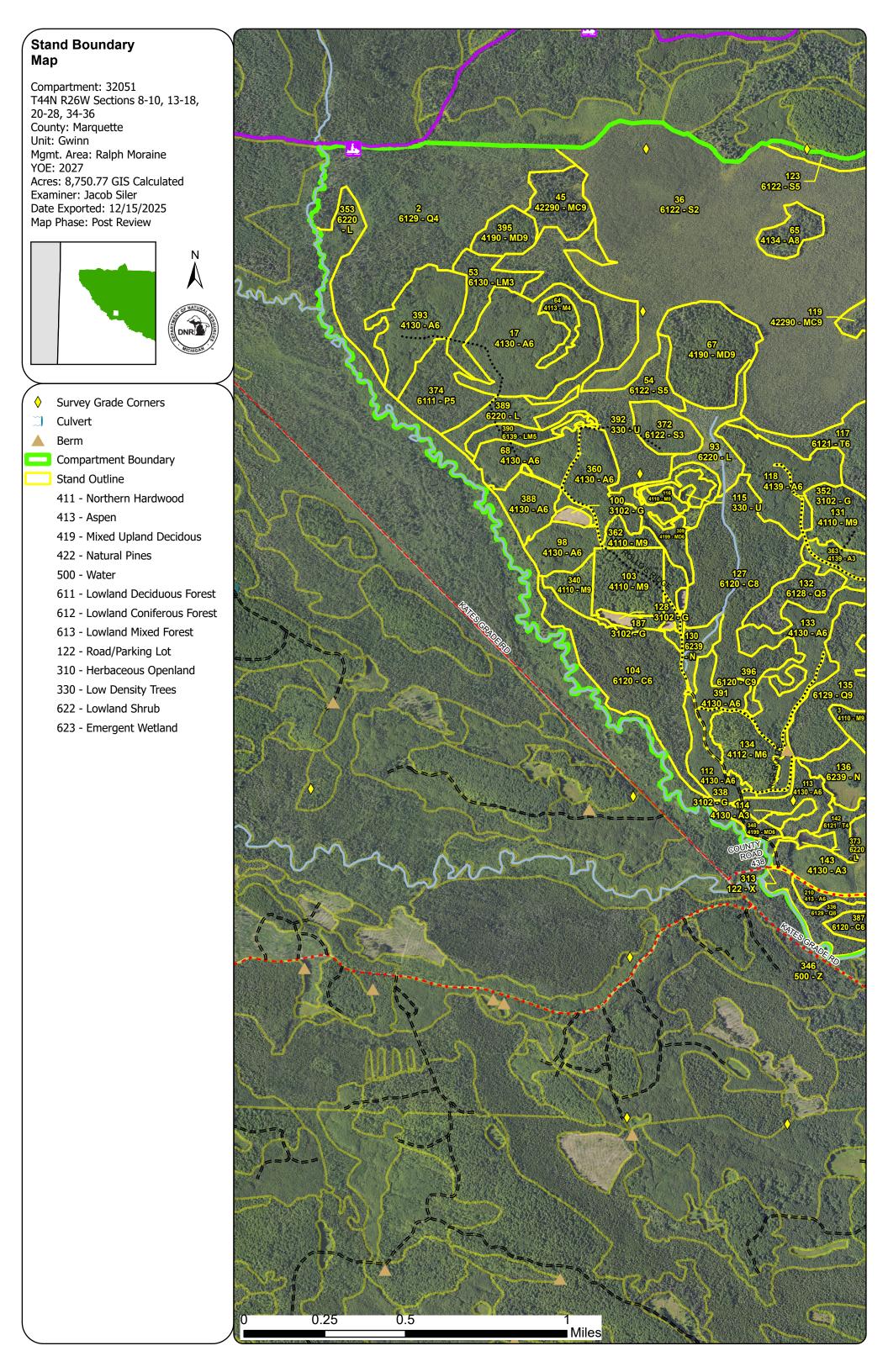


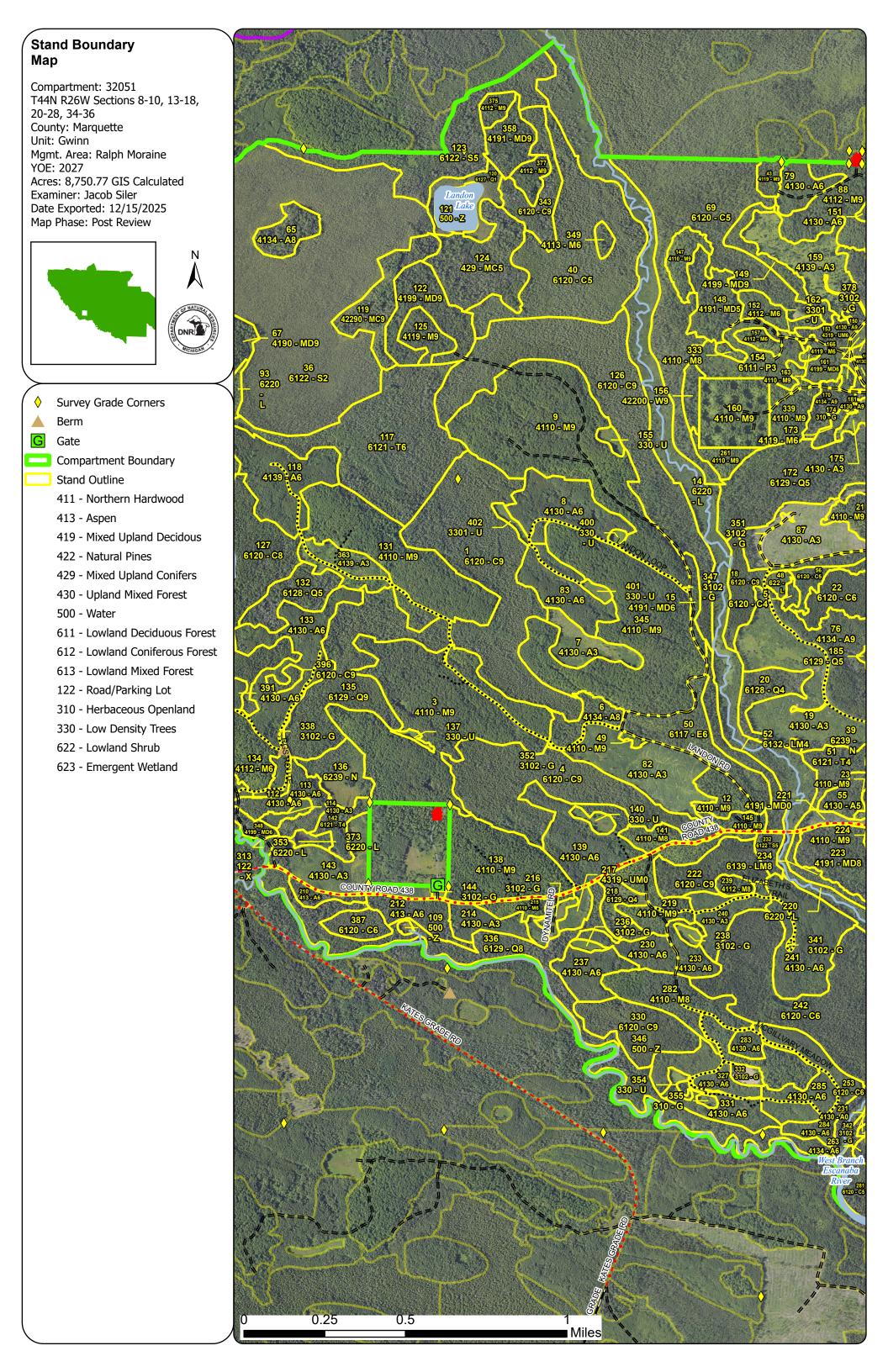


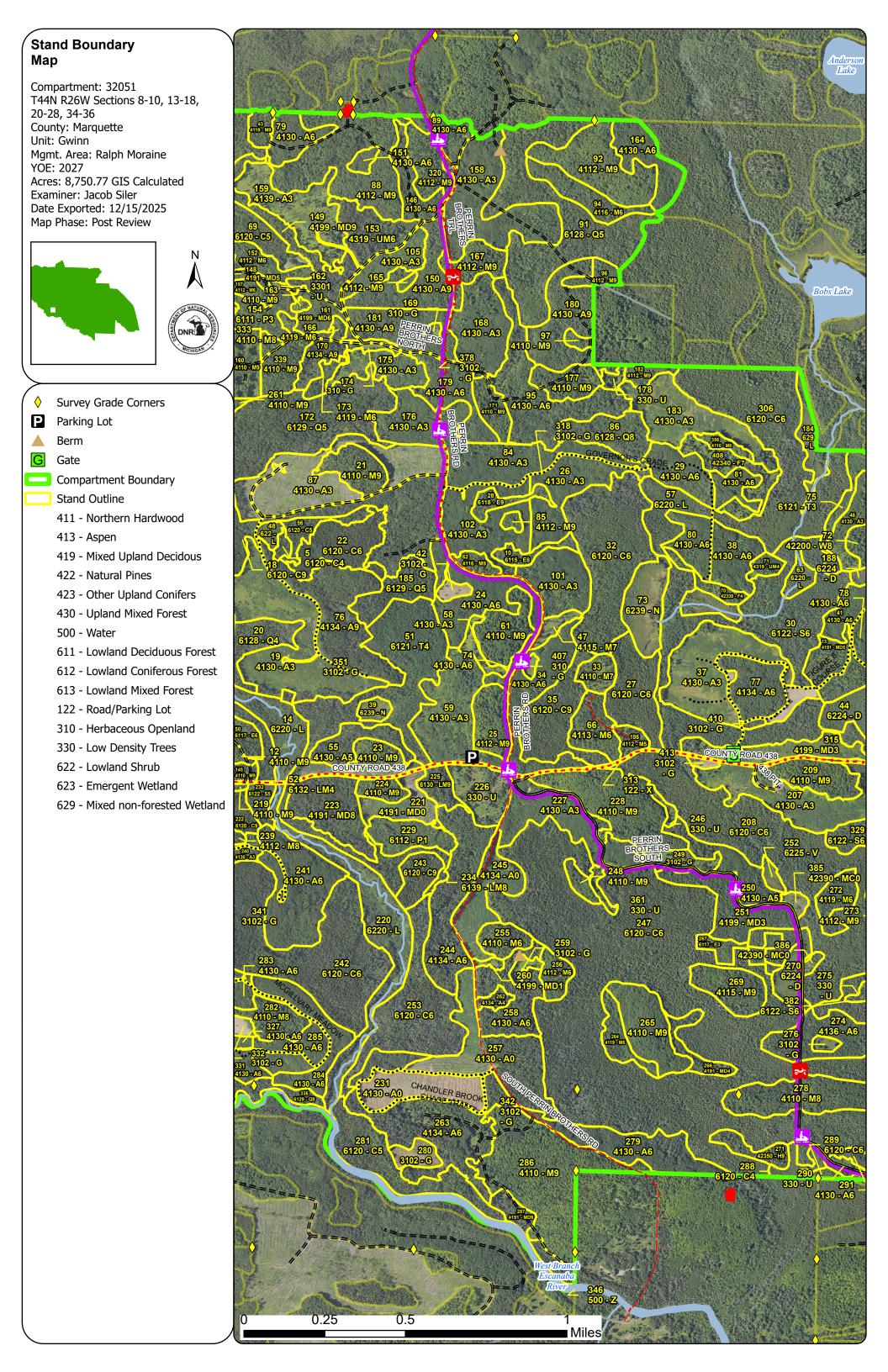


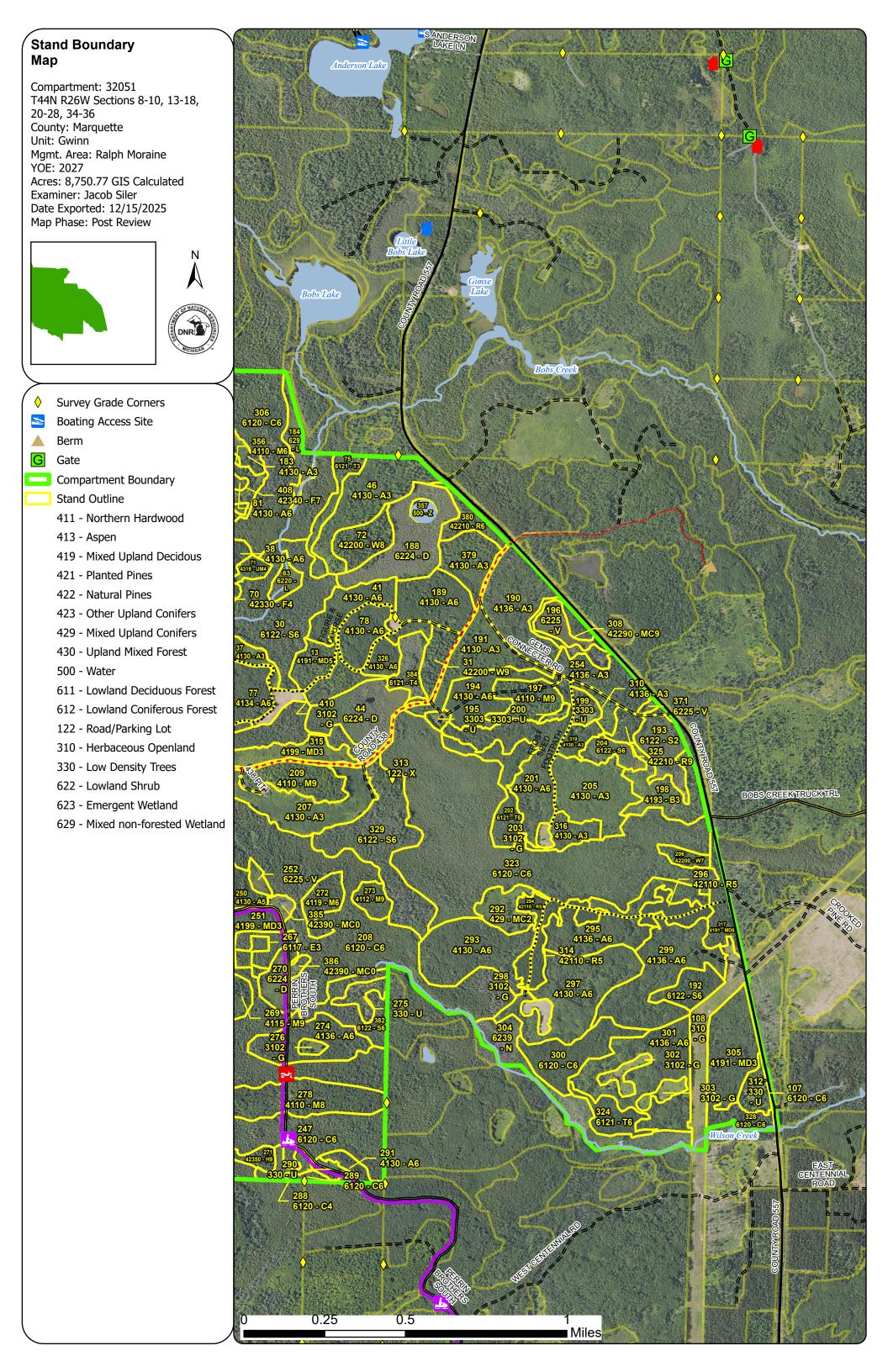


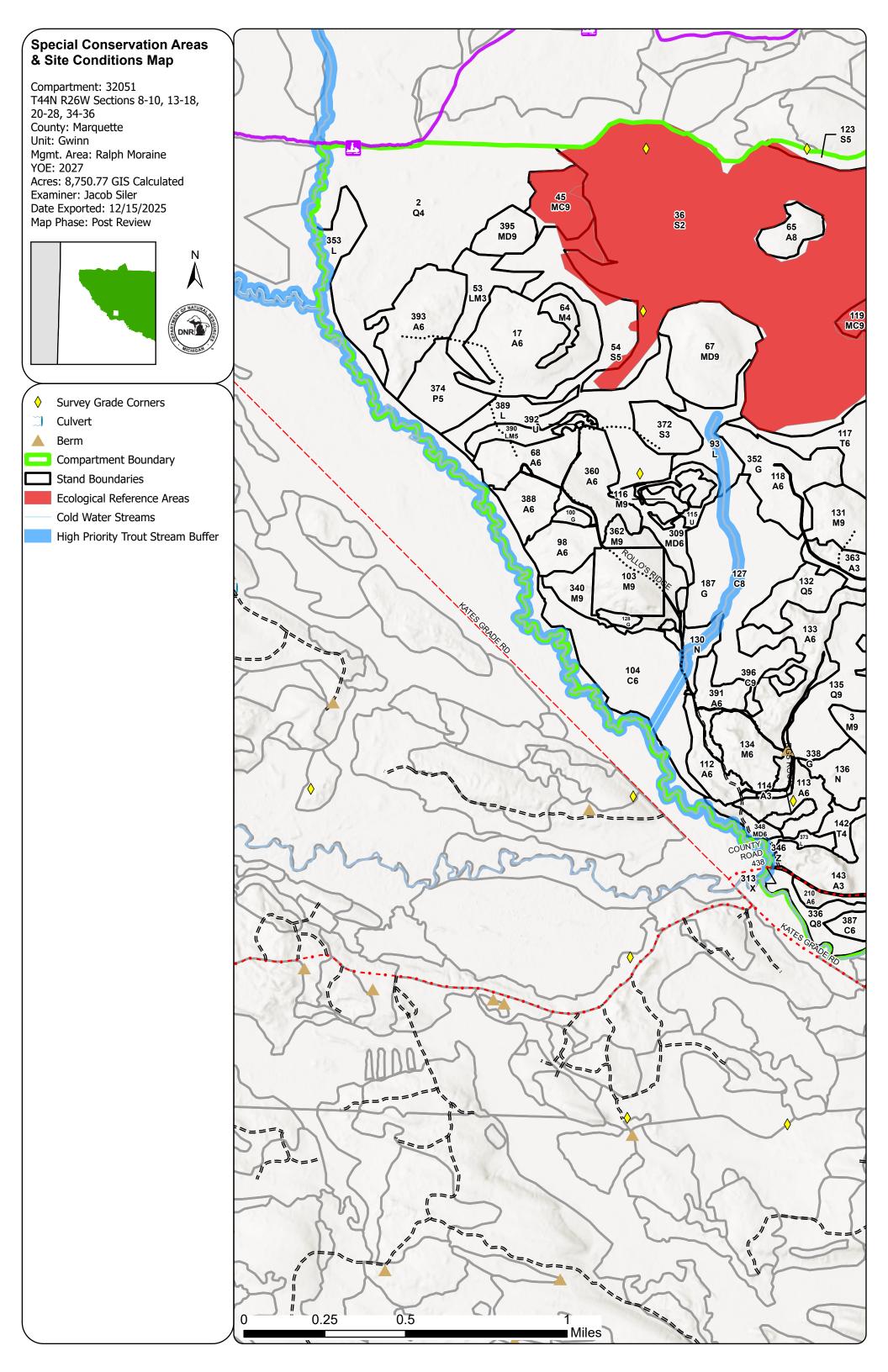


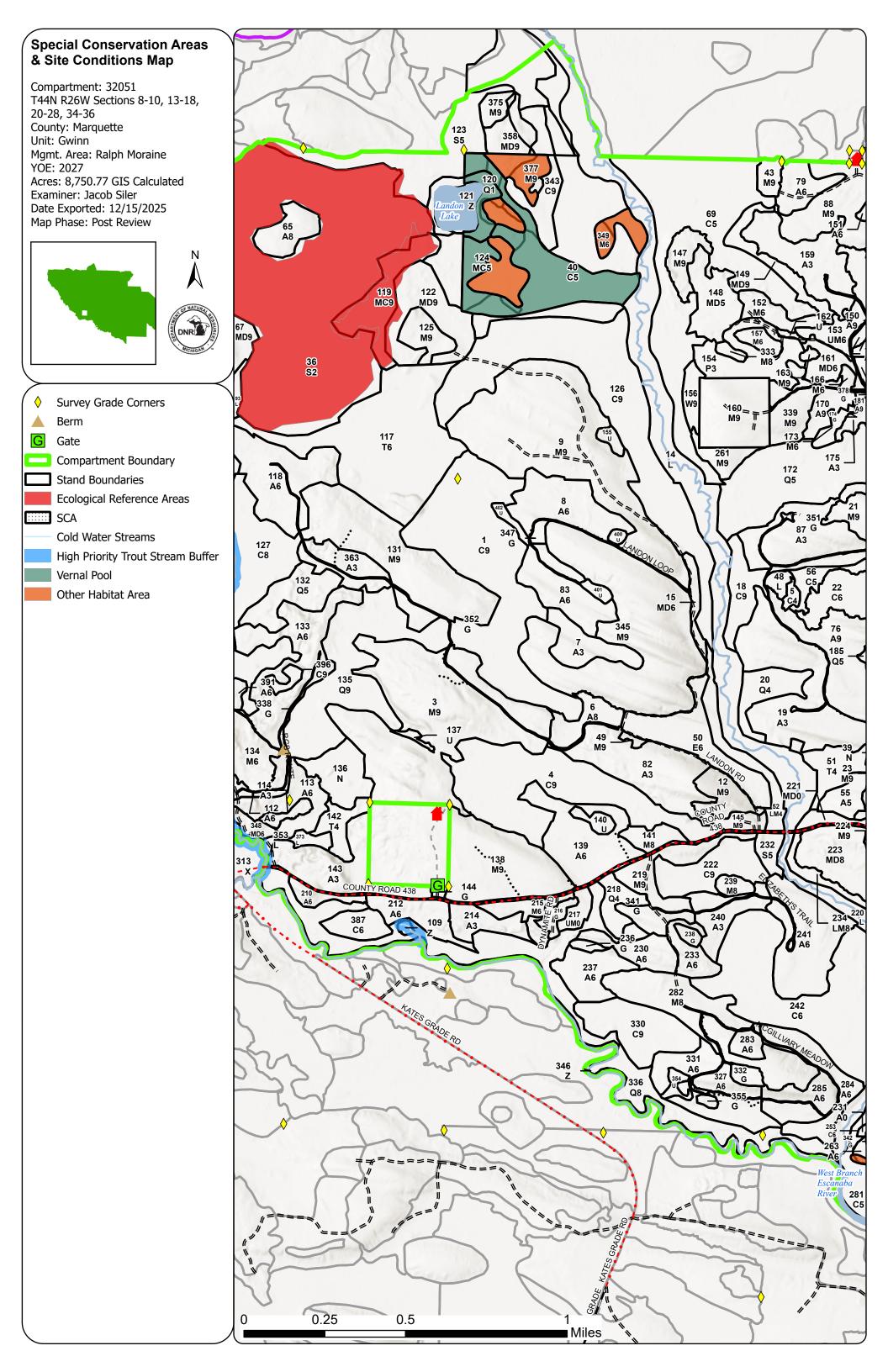


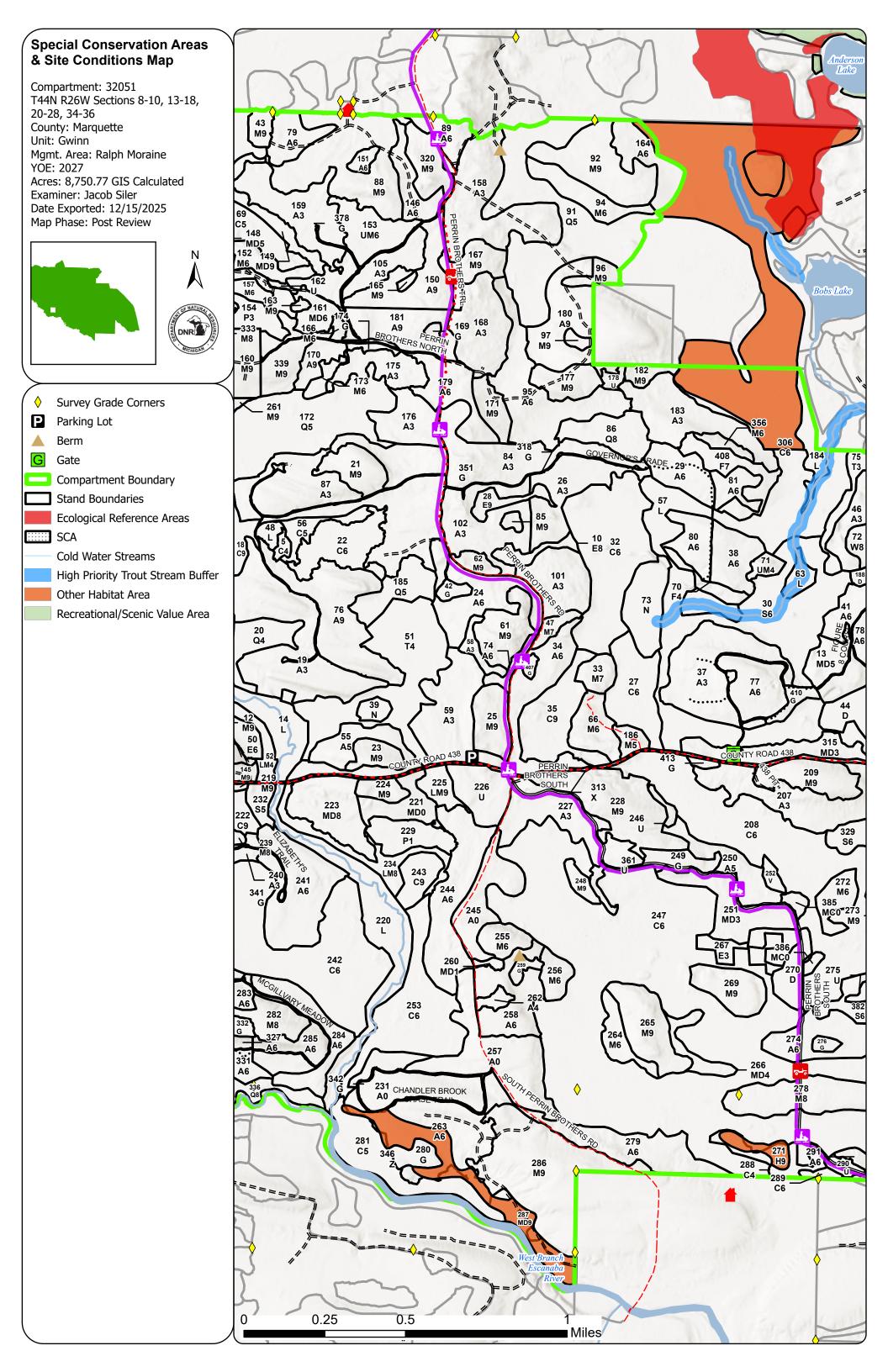


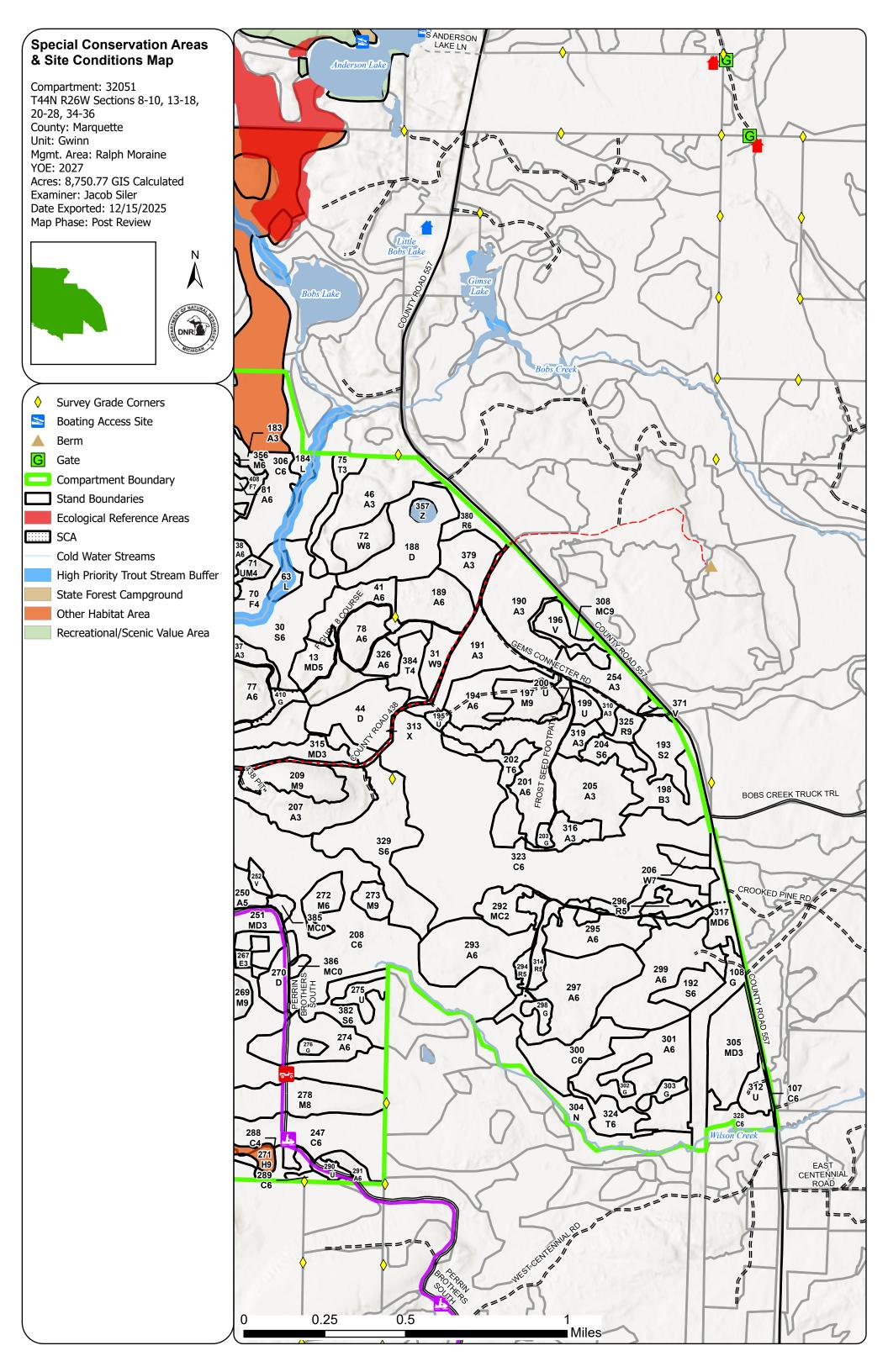












Compartment 51 Year of Entry 2027

Gwinn Mgt. Unit Jacob Siler: Examiner



Age Class

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	Age.	to to the second	3 / 8		d d	\$ \\		/ } /&					"a"					St. Stock	N. S.
Aspen	91	435	364	257	627	466	81	85	0	5	0	92	0	0	0	0	0	3	2506
Bog	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Cedar	0	0	0	0	0	0	0	0	6	0	103	217	324	162	352	124	559	46	1893
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	8
Herbaceous Openland	123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	123
Low-Density Trees	79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	79
Lowland Aspen/Balsam Poplar	0	0	14	24	0	0	0	0	0	0	0	0	0	0	0	0	0	28	66
Lowland Conifers	0	0	0	12	0	0	0	0	0	0	0	252	0	29	0	0	79	165	537
Lowland Deciduous	0	0	0	9	0	0	0	0	6	0	0	36	0	0	0	0	0	0	51
Lowland Mixed Forest	0	0	0	0	10	0	0	16	0	15	7	0	0	0	0	0	0	24	72
Lowland Shrub	314	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	314
Lowland Spruce/Fir	0	0	0	0	16	28	0	0	98	6	15	492	8	0	0	0	0	89	751
Marsh	85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85
Mixed Upland Deciduous	0	19	0	36	43	41	0	47	73	0	21	0	0	0	0	0	0	70	350
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	47	0	55
Northern Hardwood	0	0	0	8	0	25	0	9	37	0	0	244	125	97	26	0	7	716	1294
Paper Birch	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Red Pine	0	0	0	0	0	25	0	0	9	0	5	0	0	0	0	0	0	0	39
Tamarack	0	0	0	10	19	11	0	0	10	0	10	0	151	0	0	0	0	0	210
Treed Bog	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71
Upland Conifers	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	4	41	57
Upland Mixed Forest	0	0	0	0	4	0	0	35	0	0	0	0	0	0	0	0	0	0	39
Upland Spruce/Fir	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	16	22
Urban	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Water	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46
White Pine	0	0	0	0	0	0	0	0	0	0	23	0	0	5	0	0	0	6	33
Total	841	454	410	356	725	596	81	192	239	26	193	1333	608	293	386	124	696	1204	8753



Report 2 – Treatment Summary

Gwinn Mgt. Unit Year of Entry: 2027

Acres of Harvest

Compartment 51
Total Compartment Acres: 8,751

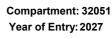
Commercial Harvest - 4447 Harvests with Site Condition - 16 Next Step Harvest - 12 Habitat Cut - 0

Cover Type by Harvest Method

		/		To the state of th			ON STATE OF	THE PARTY OF THE P	To the last of the		No. 18 A. S.
Aspen		831	0	0	0	0	0	0	0	0	831
Cedar		4	0	0	0	0	0	0	0	0	4
Herbaceous Openland		1	0	0	0	0	0	0	0	0	1
Low-Density Trees		16	0	0	0	0	0	0	0	0	16
Lowland Conifers		0	9	0	0	0	0	0	0	0	9
Lowland Deciduous		24	0	0	0	0	0	0	0	0	24
Lowland Spruce/Fir		46	0	0	0	0	0	0	0	0	46
Mixed Upland Deciduous		173	0	0	0	0	18	0	0	0	191
Northern Hardwood		11	810	0	3	11	89	0	0	0	923
Red Pine		0	0	0	0	0	26	0	0	0	26
Upland Mixed Forest		39	0	0	0	0	0	0	0	0	39
	Total	1145	819	0	3	11	132	0	0	0	2110

Proposed and Next Step Treatments by Method

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Current		2110	0	0	0	0	0	174	0	0	2342	
Next Step		12	0	7	0	0	0	1960	44	329	2614	
	Total	2123	0	7	0	0	0	2134	44	329	4955	





	n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
_		. d T t	-4									

Proposed Treatments:

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32043039-Cut 2.2 4112 - Maple, 105 111-Harvest Selection 411 - Northern Current No Beech, Cherry 140 Hardwood Association

Prescription Thin to basal area of 80sqft. Mark to improve quality. Open up regeneration gaps 50 to 85 feet in radius to the bole of trees on the gap edge. Specs: 10% of the treatment area is to be composed of regeneration gaps, if advance regeneration levels permit. Gaps ar

Monitoring, Natural Regen (Re-Inventory) Next Step

Treatments:

Acceptable birch, maple. pine, cherry, hemlock

Regen:

Other Snowmobile trail spec will be needed for associated timber sale.

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

120 3 32051003-84.0 4110 - Sugar Maple 111-Harvest Selection 4110 - Sugar Current No Cutx Association 140 Maple Association

Prescription Thin to basal area of 80sqft. Mark to improve quality. Open up regeneration gaps 50 to 85 feet in radius to the bole of trees on the gap edge. 10% of the treatment area is to be composed of regeneration gaps, if advance regeneration levels permit. Gaps ar Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable maple, birch, cherry, basswood

Regen: **Other** Comment:

Site Condition:

Proposed Start Date: 10/01/2026

Planting 32051008-Cut 30.7 4130 - Aspen 6 37 81-110 Harvest Clearcut 413 - Aspen Nο Record

Prescription Cut all trees 2 inches and greater at DBH. Leave retention as islands. Do not cut cedar, white pine, red pine, and hemlock. Create 5 to 6 Specs: drumming logs, at least 8 feet long, from trees optimally 9-15 inches in size, if available.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable aspen, birch, maple BAM, cherry

Regen:

Other Comment: Site Condition:

Snowmobile trail spec will be needed for associated timber sale. **Other**

Comment:

Site Condition:

Proposed Start Date: 10/01/2031

32051025-Cut 14.8 108 111-Harvest Selection 4112 - Maple, Nο 4112 - Maple, Current Beech, Cherry 140 Beech, Cherry Association Association

Thin to basal area of 80sqft. Mark to improve quality. Open up regeneration gaps 50 to 85 feet in radius to the bole of trees on the gap edge. <u>Prescription</u> 10% of the treatment area is to be composed of regeneration gaps, if advance regeneration levels permit. Gaps ar Specs:

Next Step Monitoring, Natural Regen (Intermediate)

Treatments:

Acceptable maple, cherry, pine, hemlock, birch, basswood, ash

Regen: **Other**

Snowmobile trail spec will be needed for associated timber sale.

Comment:

Site Condition:

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Stand

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Treatment

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ort 3 -- Treatments Compartment: 32051
Year of Entry: 2027

Treatment

Cover Type

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d	Name	710100	CoverType	Density	Age	Range	Туре	Method	Objective	Structure	Cut
29	32051029_Cut	15.8	4130 - Aspen	6	43	51-80	Harvest	Clearcut	413 - Aspen	Planting Record	No

Treatment

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<u>Prescription</u> Cut all trees 2 inches and greater at DBH. Do not cut cedar, hemlock, white pine and red pine. Create 2 to 4 drumming logs, at least 8 feet <u>Specs:</u> long, from trees optimally 9-15 inches in size, if available. Place retention in an area with a conifer component.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen, Mixed Hardwood and Conifer.

Regen:

Other Snowmobile trail spec will be needed for associated timber sale.

Stand

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

38 32051038-Cut 16.2 4130 - Aspen 6 34 111- Harvest Clearcut 413 - Aspen Planting No Record

<u>Prescription</u> Cut all trees 2 inches and greater at DBH. Do not cut cedar, hemlock, white pine and red pine. Create 2 to 4 drumming logs, at least 8 feet <u>Specs:</u> long, from trees optimally 9-15 inches in size, if available. Place retention in an area with a conifer component.

Next Step Monitoring, Natural Regen (Re-Inventory)

<u>Treatments:</u>

Acceptable Aspen, mixed hardwood, mixed conifer

Regen:

Other Snowmobile trail spec will be needed for associated timber sale.

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

41 32051041-Cut 15.7 4130 - Aspen 6 32 81-110 Harvest Clearcut 413 - Aspen Planting No Record

<u>Prescription</u> Cut all trees 2 inches and greater at DBH. Do not cut cedar, hemlock, cherry, white pine and red pine. Create 2 to 4 drumming logs, at least Specs: 8 feet long, from trees optimally 9-15 inches in size, if available. Place retention in an area with a conifer com

<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen, mixed hardwood, mixed conifer

Regen:

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2026

42 32051042- 3.1 3102 - Grass 99 Openings Mgmt. Openings Mgmt. 2113 - Forage Previous No Opening Crops Inventory

Prescription Cultivated to clover plot

Specs:

Next Step Openings Mgmt., Grass/Forb Planting; Openings Mgmt., Grass/Forb Planting

Treatments:

Acceptable Cool season forbs

Regen: Other

Comment:

Site Condition:

Gwinn Mgt. Unit Report 3 -- Treatments Compartment: 32051 s Year of Entry: 2027 t а **Treatment** Stand Size Stand BA **Treatment Treatment** Cover Type Acres Age Habitat n Method Objective Name CoverType Density Age Range Type Structure Cut d 61 32051061-Cut 17.8 4110 - Sugar Maple 108 81-110 Harvest Selection 4110 - Sugar Current No Association Maple Association Prescription Thin to a basal area of 60sqft. Mark to improve quality and provide light for regeneration. Specs: Next Step Monitoring, Natural Regen (Intermediate) **Treatments:** Acceptable maple, birch, basswood, cherry. Regen:

Comment:
Site Condition:

Other

Proposed Start Date: 10/01/2031

62 32051062-Cut 4.5 4116 - Mixed N. 9 108 111- Harvest Thinning 4116 - Mixed N. Current No Hardwood - Aspen 140 Hardwood - Aspen

<u>Prescription</u> Thin to a basal area of 80sqft. Mark to improve quality. Leave all species represented. Favor yellow birch for retention and retain some large <u>Specs:</u> forked aspen.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable aspen, maple, birch, pine, spruce, fir, ash, oak, BAM

Regen:

Other Snowmobile trail spec will be needed for associated timber sale.

Snowmobile trail spec will be needed for associated timber sale.

Comment:

Site Condition:

Proposed Start Date: 10/01/2031

4190 - Mixed 9 64 141-Harvest 4199 - Other Planting 32051067-Cut 47.5 Clearcut No **Upland Deciduous** Mixed Upland 170 Record with Cedar Deciduous

<u>Prescription</u> Cut all trees 2 inches and greater at DBH. Green tree 1, preferably log sized, sugar maple or birch for every acre of treatment. Exclude cedar <u>Specs:</u> areas where practical. Do not cut cedar, hemlock and pine. Winter cut only

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable maple, birch, aspen, BAM, spruce, fir, cedar, pine, hemlock, cherry

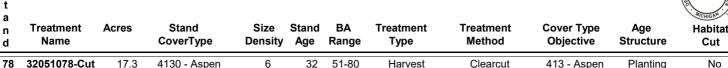
Regen:

Other ERA to the North and start of cold-water stream to the south. Lowland crossing will require care and more than likely mats. I did not observe any stream where lowland crossing area will be needed. I don't believe stream buffer will be needed, as stream or

Site Condition:

-- Treatments Compartment: 32051 Year of Entry: 2027

Record



Prescription Cut all trees 2 inches and greater at DBH. Do not cut cedar, hemlock, white pine, cherry and red pine. Create 2 to 4 drumming logs, at least Specs:

8 feet long, from trees optimally 9-15 inches in size, if available. Place retention in an area with a conifer com

<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) Treatments:

Assemble Assess insignal boundaries of mairred somifica

Acceptable Aspen, mixed hardwood, mixed conifer Regen:

Other

Comment:
Site Condition:

Proposed Start Date: 10/01/2031

79 32051079-Cut 12.1 4130 - Aspen 6 37 111- Harvest Clearcut 413 - Aspen Planting No 140 Record

Prescription Cut all trees 2 inches and greater at DBH. Do not cut, cherry, cedar, hemlock, white pine and red pine. Create 2 to 4 drumming logs, at least Specs: 8 feet long, from trees optimally 9-15 inches in size, if available.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

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

Regen:

Other Snowmobile trail spec will be needed for associated timber sale.

Comment:

Site Condition:

Proposed Start Date: 10/01/2031

83 32051083-Cut 25.1 4130 - Aspen 6 36 81-110 Harvest Clearcut 413 - Aspen Planting No Record

<u>Prescription</u> Cut all trees 2 inches and greater at DBH. Leave retention as islands. Do not cut cedar, white pine, red pine, and hemlock. Create 4 to 5 <u>Specs:</u> drumming logs, at least 8 feet long, from trees optimally 9-15 inches in size, if available.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable aspen, birch, maple, cherry, BAM

Regen: Other

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

32051088-Cut 106 111-Harvest 88 50.5 4112 - Maple, 9 Selection 4112 - Maple, Current No Beech, Cherry 140 Beech, Cherry Association Association

<u>Prescription</u>
Specs:
Thin to basal area of 80sqft. Mark to improve quality. Open up regeneration gaps 50 to 85 feet in radius to the bole of trees on the gap edge.

10% of the treatment area is to be composed of regeneration gaps, if advance regeneration levels permit. Gaps ar

Next Step Monitoring, Natural Regen (Re-Inventory)

<u>Treatments:</u>

Acceptable maple, birch, cherry, basswood

Regen:

Other Snowmobile trail spec will be needed for associated timber sale.

Comment:

Site Condition:

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S t										Year of Entr	y: 2027	DNR
a n d	Treatme Name	nt <i>i</i>	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habita Cut
89	32051089	-Cut	9.5	4130 - Aspen	6	40	111- 140	Harvest	Clearcut	413 - Aspen	Planting Record	No
Nex Trea Acc Reg Oth Con	cs: 8 t Step Matments: eptable asen:	feet lor onitorin open, bi	g, from t	hes and greater at trees optimally 9-15 al Regen (Re-Inven rry, pine, maple, BA edSnowmobile trail	inches in atory)	size, if a	vailáble.			oine. Create 1 to 2	drumming log	gs, at leas
92	32051092	-Cut	32.3	4112 - Maple, Beech, Cherry Association	9	106	111- 140	Harvest	Thinning	4110 - Sugar Maple Association	Current	No
Spe Nex Trea		nin to a	BA of 80	Osqft. Mark to impro	ove quality.	Remov	e red map	ole when possibl	le. Do not cut bass	swood.		

Site Condition:

Proposed Start Date: 10/01/2031

96 32051096-Cut 5.4 4112 - Maple, 9 100 111-Harvest Thinning 4112 - Maple, Current No Beech, Cherry Beech, Cherry 140 Association Association

Prescription Thin to basal area of 80sqft. Mark to improve quality. Do not cut basswood.

Specs:

Next Step Treatments:

Acceptable maple, birch, cherry, spruce, fir, pine, cedar, and hemlock

Regen:

<u>Other</u> Snowmobile trail spec will be needed for associated timber sale.

Comment:

Site Condition:

122 32051122-Cut 24.1 4199 - Other Mixed 70 81-110 Harvest Clearcut **Planting** No 413 - Aspen **Upland Deciduous**

Prescription Cut all trees 2 inches and greater at DBH. Do not cut white pine, red pine, hemlock, basswood and cedar. Do not cut trees meeting legacy Specs: tree guidelines. Buffer ERA, as defined by ERA layer, by 1 chain.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

aspen, maple, cherry, cedar, hemlock, pine, BAM, basswood, spruce, fir <u>Acceptable</u>

Regen:

Probably best suited as a winter cut. Access road from stand 9 was lifted out of the swamp in the 50s/60s. I observed 1 culvert but not sure if **Other**

Comment: a stream is present.

Site Condition:

S t						t 3 '	Treatments	Compartmer Year of Entr		DNR DNR	
	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
125 32	2051125-C		4119 - Mixed orthern Hardwoods	9	120	111- 140	Harvest	Shelterwood	4119 - Mixed Northern Hardwoods	Current	No
Specs:	bass	wood. Do not	dual BA of 40 to 60s cut hemlock, white	pine, red							nd
Next St Treatm		toring, Natura	al Regen (Re-Invent	ory)							
Accepta Regen:		e, birch, pine	, cedar, hemlock, ba	asswood,	aspen, E	BAM, spr	uce, fir, cherry				
Other Comme		ess road from	stand 9 was lifted o	ut of the s	swamp ir	the 50s	/60s. I observed	1 culvert but not s	ure if a stream is	present.	
-	ondition:										
Propos	sed Start Da	<u>ite:</u> 10/01/20	26								
131 3	2051131-C	ut 67.6 4	110 - Sugar Maple Association	9	106	111- 140	Harvest	Selection	4110 - Sugar Maple Association	Current	No
Prescri			of 80sqft. Mark to in ent area is to be con							f trees on the	gap edge.
	ten Moni	toring Natur	al Regen (Re-Invent	orv)							
Next St Treatm		toring, Natura	ai Regeii (Re-iliveili	, ,							
Treatm	nents: able map	G.	, birch, cherry, heml	,							
Treatm Accepta	nents: able map	G.	,	,							
Accepta Regen: Other Comme	nents: able map	G.	,	,							

	Association
Prescription	Thin to a basal area of 60sqft. Mark to improve quality and provide light for regeneration. Favor large healthy basswood for retention when
Space	marking

Specs:

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

Acceptable maple, basswood, birch, hemlock Regen:

<u>Other</u> Comment:

Site Condition:

Proposed Start Date: 10/01/2026

4110 - Sugar

Maple

Selection

Current

No

s t			Gwinn	Mgt. Unit		Repo	rt 3 ⁻	Treatments		Compartment: 32051 Year of Entry: 2027		DNR DNR
a n d	Treati Nai		Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
150	32051	150-Cut	24.5	4130 - Aspen	9	49	111- 140	Harvest	Clearcut	413 - Aspen	Planting Record	No
Pres Spec									long, from trees of oak, yellow birch, e			available.
	t Step atments:		ring, Natura	l Regen (Re-Inver	itory)							
Acce Reg	•	aspen,	maple, birc	h, cherry								
Othe Com	<u>er</u> nment:	See Co		Area Review Appli	cation and	Pre-Inv	entory Do	cs on Gwinn S-I	Orive.Snowmobile t	trail spec will be n	eeded for ass	sociated
Site	Condition	on:										
Prop	osed St	tart Date:	10/01/202	26								
146	32051	151-Cut	3.0	4130 - Aspen	6	37	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No
Pres Spec				es and greater at ut, cherry, cedar,					t 8 feet long, from t	trees optimally 9-	15 inches in s	size, if
	t Step atments:		ring, Natura	l Regen (Re-Inver	itory)							
Acce Reg		aspen,	maple, spru	uce, fir, BAM cheri	ry, pine							
Othe Com	<u>er</u> nment:	No rete	ntion due to	small acreage.Sr	nowmobile	trail spe	c will be r	needed for assoc	ciated timber sale.			
Site	Condition	on:										
Prop	osed St	tart Date:	10/01/203	31								
152	32051	152-Cut	9.6	4112 - Maple, Beech, Cherry Association	6	75	81-110	Harvest	Selection	4112 - Maple, Beech, Cherry Association	Current	No
Pres Spec									s 50 to 85 feet in ra egeneration levels		of trees on the	e gap edge.
	t Step atments:		ring, Natura	l Regen (Re-Inver	itory)							
Acce Reg		maple,	birch, oak,	cherry, basswood								
Othe Com	er nment:	Snowm	obile trail s	pec will be needed	d for assoc	iated tim	nber sale.					

Site Condition:

Proposed Start Date: 10/01/2031

1.2 9 100 111-Harvest 4112 - Maple, Current No 165 32051165-Cut 4112 - Maple, Thinning Beech, Cherry 140 Beech, Cherry Association Association

Prescription Thin to a basal area of 90sqft. Focus on improving quality and removing red maple. Do not cut yellow birch.

Specs:

Next Step **Treatments:**

<u>Acceptable</u> Regen:

<u>Other</u> Snowmobile trail spec will be needed for associated timber sale.

Comment:

Site Condition:

Prescription Cut all trees 2 inches and greater at DBH. Do not cut cedar, hemlock, white pine, red pine, and yellow birch. Green tree 3 paper birch, black cherry or maples. Green tree a few healthy wind firm white spruce, if present. Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable maple, pine, birch, spruce, cherry, cedar, hemlock

Regen:

Other No long-term retention.

Comment:

Site Condition:

Thin to basal area of 80sqft. Mark to improve quality. Open up regeneration gaps 50 to 85 feet in radius to the bole of trees on the gap edge.

Specs: 10% of the treatment area is to be composed of regeneration gaps, if advance regeneration levels permit. Gaps ar

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable maple, birch, cherry, pine, hemlock

Regen: **Other**

Snowmobile trail spec will be needed for associated timber sale.

Comment:

Site Condition:

s t			, , , , , , , , , , , , , , , , , , ,	ngt. Omt		ixepoi		realments		Year of Entr		DNR
a n d	Treatmen Name	t Acr		Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
187	3205118 Openin		9.4	3102 - Grass	99			Openings Mgmt.	Openings Mgmt.	2113 - Forage Crops	Previous Inventory	No
Spec Next	<u>s:</u> pro	ducing tre	ees/shru		alth and surv	vival of o	cultivated	forbs and plante	essary. Plant and ti d trees/shrubs; and		ze, and/or ma	aintain mas
	<u>ments:</u> ptable Co <u>n:</u>	ol season	n forbs									
Othe Com	<u>r</u> ment:											
	Condition: osed Start I	<u> Date:</u> 05/	/01/2025									
197	32051197-	Cut 1		0 - Sugar Maple Association	e 9	120	81-110	Harvest	Thinning	411 - Northern Hardwood	Current	No
Preso Spec									nted. Do not cut ye w areas with low b		vor large bas	swood for
	Step ments:											
Acce Rege	<u>ptable</u> en:											
Other Com	<u>r</u> ment:											
	Condition:	2-4 40/	104 10004									
	osed Start I 32051201-			1130 - Aspen	6	42	111-	Harvest	Clearcut	413 - Aspen	Planting	No
				·	+ DBU Do n	ot out o	140	nino white nino	and cedar. Use tin	·	Record	o Sloob
Spec	s: pile	s should	be 12' to	o 18' in diamete	er and 3' to 6		3 /		ng logs, at least 8 f		le o siasti pile	:S. 318511
	<u>Step</u> Mo ments:	nitoring, i	Natural F	Regen (Re-Inve	entory)							
Acce Rege		oen, mapl	e, spruc	e, fir, pine, BAI	M, tamarack							
Othe Comi	<u>r</u> ment:											
	Condition:		10.1.10000									
	osed Start I											
203	3205120 Openin		2.6	3102 - Grass	99			Openings Mgmt.	Openings Mgmt.	2113 - Forage Crops	Previous Inventory	No
Preso Spec									essary. Plant and to d trees/shrubs; and		ze, and/or ma	aintain mas
	Step Op ments:	enings M	gmt., Gr	ass/Forb Plant	ing; Openin	gs Mgm	it., Grass/	Forb Planting				
Acce Rege	<u>ptable</u> Co en:	ol season	forbs									
Other Comi	<u>r</u> ment:											
	Condition:											
Propo	osed Start I	<u>Date:</u> 05/	01/2025	i								

s	
t	
а	

Year of Entry	y: 2027	DNR BOURCE
Cover Type	Age	Habitat

Maple

Association

n	Treatment	Acres Stand	Size	Stand	BA	Treatment	Treatment	Cover Type	Age	Habitat
d	Name	CoverType	Density	Age	Range	Type	Method	Objective	Structure	Cut
228	32051228-Cut	38 2 4110 - Sugar Maple	9	120	111-	Harvest	Selection	4110 - Sugar	Current	No

140

Prescription Specs: Thin to basal area of 80sqft. Mark to improve quality. Open up regeneration gaps 50 to 85 feet in radius to the bole of trees on the gap edge. 10% of the treatment area is to be composed of regeneration gaps, if advance regeneration levels permit. Gaps ar

<u>Next Step</u> Monitoring, Natural Regen (Intermediate)

Association

Treatments:

Acceptable Sugar Maple Associates

Regen:

Other Look at adding stand 249 treatment, G Stand, to timber sale if possible. Snowmobile trail spec will be needed for associated timber sale.

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

230 32051230-Cut 13.0 4130 - Aspen 6 34 81-110 Harvest Clearcut 413 - Aspen Planting No Record

<u>Prescription</u> Cut all trees 2 inches and greater at DBH. Do not cut pine, cedar, hemlock, maple, spruce and fir. Create 2 to 3 drumming logs, at least 8 <u>Specs:</u> feet long, from trees optimally 9-15 inches in size, if available.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

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

Regen:

Other Look at accessing this stand from the east to avoid conflicts with buffers.

Comment:

Site Condition:

Proposed Start Date: 10/01/2031

237 32051237-Cut 15.5 4130 - Aspen 6 34 81-110 Harvest Clearcut 413 - Aspen Planting No Record

<u>Prescription</u> Cut all trees 2 inches and greater at DBH. Do not cut pine, cedar and hemlock. Create 2 to 3 drumming logs, at least 8 feet long, from trees <u>Specs:</u> optimally 9-15 inches in size, if available. Harvest activities only during inactive wood turtle season (October 1

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen, mixed hardwood, mixed conifer

Regen:

Other Place retention in stream buffer. Consider accessing from east side to avoid conflicts with buffers.

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

248 32051248-Cut 4.3 4110 - Sugar Maple 9 104 141- Harvest Thinning 4110 - Sugar Current No Association 170 Maple Association

<u>Prescription</u> Thin to a basal area of 80sqft. Mark to improve quality. Do not cut hemlock and white cedar. Retain a few healthy wind firm white spruce, if <u>Specs:</u> available.

Next Step Treatments:

Acceptable

Regen:

Other Snowmobile trail spec will be needed for associated timber sale.

Comment:
Site Condition:

Compartment: 32051

s t										Year of Entry	: 2027	DNR
a n d	Treatm Nam		Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habita Cut
249	32051 Open		8.2	3102 - Grass	99			Openings Mgmt	. Openings Mgmt.	3204 - Mast Producing Shrub	Previous Inventory	No
Preso Spec				by mechanical mea planted apple tree							Intention is	to maintai
Next Treat	Step (ments:	Opening	s Mgmt.,	Brush Mgmt.								
Acce _l Rege		Natural (grass/forb	s and planted mas	t-producin	g trees a	and shrul	os.				
Other Comr		Look at	adding sta	and 249 treatment,	G Stand, t	to timbe	r sale if p	oossible.				
Site C	Condition	<u>:</u>										
Propo	sed Sta	rt Date:	05/01/20	26								
250	3205125	0-Cut	16.8	4130 - Aspen	5	32	51-80	Harvest	Clearcut	413 - Aspen	Planting Record	No
Preso Spec				or more pulpwood otimally 9-15 inche							ning logs, at	least 8 fe
Next Treat	<u>Step</u> I ments:	Monitorii	ng, Natura	al Regen (Re-Inven	tory)							
Acce _l Rege		Aspen, r	nixed har	dwood, mixed conit	fer							
Other Comr	_	Look at	adding sta	and 249 treatment,	G Stand, t	o timber	sale if p	ossible.Snowmob	oile trail spec will b	e needed for assoc	iated timbe	r sale.
	 Condition											
			10/01/20	26								
	3205125		24.0 4	199 - Other Mixed Jpland Deciduous	3	32	Immatu re	ı Harvest	Clearcut	413 - Aspen	Planting Record	No
Preso			ees with	· l or more pulpwood ogs, at least 8 feet			,	′ '		•	or drumming	g log. Crea
Next Treat	<u>Step</u> I ments:	Monitorii	ng, Natura	al Regen (Re-Inven	tory)							
Acce _l Rege		aspen m	ixed hard	wood, mixed conife	er							
Other Comr	-	Snowmo	bile trail s	pec will be needed	l for assoc	iated tin	nber sale					
Site C	Condition	<u>:</u>										
Propo	sed Sta	rt Date:	10/01/20	31								
273	3205127	73-Cut	6.4	4112 - Maple, Beech, Cherry Association	9	103	171- 200	Harvest	Clearcut	4112 - Maple, Beech, Cherry Association	Cutting Record	No
Preso			ees 2 incl ly sugar n	nes and greater at	DBH. Do r	not cut h	emlock,	cedar, white pine	, red pine, and yell		ee 10 log siz	zed maple
Next			, ,	al Regen (Re-Inven	tory)							
Acce	<u>ptable</u> ı	maple, b	oirch, aspe	en, hemlock, spruc	e, fir, pine,	cedar,	and cher	ry.				
Rege Other Comr	<u>.</u> \	Winter c	ut due to	access.								
	Condition											
one (JUNUILIUN	<u>-</u>										

Prescription Cut all trees 2 inches and greater at DBH. Do not cut pine, cedar, spruce, fir and hemlock. Create 1 to 2 drumming logs, at least 8 feet long, from trees optimally 9-15 inches in size, if available.

Specs:

Monitoring, Natural Regen (Re-Inventory) Next Step

Treatments:

Acceptable aspen, maple, spruce, pine and fir.

Regen: Other 1

Comment:

Site Condition:

S t	Gwinn	n Mgt. Unit		Repoi	t 3 1	Freatments		Compartmer Year of Entr		DNR
a n Treatment d Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habi Cu
286 32051286-Cut	65.5 4	110 - Sugar Maple Association	9	111	111- 140	Harvest	Selection	4110 - Sugar Maple Association	Current	N
_ ,	f the treatm	ent area is to be co	mposed o						f trees on the	gap edg
<u>Next Step</u> Monito <u>Treatments:</u>	ring, Natura	al Regen (Re-Invent	ory)							
Acceptable sugar Regen:	maple asso	ciates								
<u>Other</u>										
Comment: Site Condition:										
Proposed Start Date	<u>:</u> 10/01/20	026								
291 32051291-Cut	5.0	4130 - Aspen	6	48	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	١
		2" DBH except ceda hes in size, if availa		k, yellov	v birch an	d pine, if found.	Create 1 to 2 drui	mming logs, at lea	st 8 feet long,	, from tr
Specs: optima Next Step Monito	Illy 9-15 inc		ble.	k, yellov	v birch an	d pine, if found.	Create 1 to 2 drui	mming logs, at lea	st 8 feet long,	, from tro
Specs: optima Next Step Treatments: Acceptable Aspen	illy 9-15 incl ring, Natura	hes in size, if availa al Regen (Re-Invent	ble. ory)	k, yellov	v birch an	d pine, if found.	Create 1 to 2 drui	mming logs, at lea	st 8 feet long.	, from tro
Specs: optima Next Step Monito Treatments: Acceptable Regen: Other No rete	illy 9-15 incl ring, Natura , maple, bir	hes in size, if availa al Regen (Re-Invent	ble. ory) ruce					mming logs, at lea	st 8 feet long	, from tr
Specs: optima Next Step Treatments: Acceptable Regen: Other Comment:	illy 9-15 incl ring, Natura , maple, bir	hes in size, if availa al Regen (Re-Invent ch, pine, cherry, spi	ble. ory) ruce					mming logs, at lea	st 8 feet long.	, from tro
Next Step Monitor Treatments: Acceptable Aspen Regen:	ully 9-15 incl ring, Natura , maple, bir ention due t	hes in size, if availa al Regen (Re-Invent ch, pine, cherry, spi to size. Snowmobile	ble. ory) ruce					mming logs, at lea	st 8 feet long.	, from tr

Proposed Start Date:	10/01/20	031								
295 32051295-Cut	31.0	4136 - Aspen,	6	41	111-	Harvest	Clearcut	413 - Aspen	Planting	No

Prescription Cut all trees 2 inches and greater at DBH. Do not cut cherry, red pine, white pine and cedar. Use timber sale to create 3 slash piles between cedar stand to the north and trail to the south. Slash piles should be 12' to 18' in diameter and 3' to 6' in hei Specs:

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

Acceptable aspen, maple, spruce, fir,

Regen: Other Comment:

Site Condition:

Proposed Start Date: 10/01/2026

298	32051298-	3.9	3102 - Grass	99	Openings Mgmt. Openings Mgmt. 2113 - Forage Previous	No
	Opening				Crops Inventory	

Prescription Herbicide, cultivate, fertilize, and/or mow to maintain planted cover crops as necessary. Plant and trim, shelter, fertilize, and/or maintain mast producing trees/shrubs. Monitor health and survival of cultivated forbs and planted trees/shrubs; and assess Specs:

Next Step Openings Mgmt., Grass/Forb Planting; Openings Mgmt., Grass/Forb Planting; Openings Mgmt., Grass/Forb Planting; Openings Mgmt., Treatments: Grass/Forb Planting

Acceptable Cool season forbs (clover)

Regen:

Other Comment:

Site Condition:

Proposed Start Date: 05/01/2025

Monitoring, Natural Regen (Re-Inventory) Next Step

Treatments:

Acceptable aspen, maple, spruce, pine and fir.

Regen:

Other Comment:

Site Condition:

Prescription Herbicide, cultivate, fertilize, and/or mow to maintain planted cover crops as necessary. Plant and trim, shelter, fertilize, and/or maintain mast

<u>Prescription</u> Herbicide, cultivate, fertilize, and/or mow to maintain planted cover crops as necessary. Plant and trim, shelter, fertilize, and/or maintain mast <u>Specs:</u> producing trees/shrubs. Monitor health and survival of cultivated forbs and planted trees/shrubs; and assess

Next Step Openings Mgmt., Grass/Forb Planting; Openings Mgmt., Grass/Forb Planting; Openings Mgmt., Grass/Forb Planting Treatments:

Acceptable Cool season forbs (clover)

Regen:
Other
Comment:

Site Condition:

s t		Gwinr	n Mgt. Unit		Repoi	rt 3	Treatments		Compartmer Year of Entr		DNR
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habita Cut
339	32051339-Cut	16.2 4	110 - Sugar Maple Association	9	120	111- 140	Harvest	Selection	411 - Northern Hardwood	Current	No
Preso Spec			a of 80sqft. Mark to ent area is to be co							of trees on the	gap edge
	Step Monito	ring, Natura	al Regen (Intermed	iate)							
Acce Rege	<u>ptable</u> maple, <u>en:</u>	birch, bass	swood, cherry								
Othe Com	<u>r</u> Snowm ment:	nobile trail s	spec will be needed	for assoc	iated tim	nber sale					
	Condition: osed Start Date	<u>:</u> 10/01/20	031								
340	32051340-Cut	11.4 4	110 - Sugar Maple Association	9	106	111- 140	Harvest	Selection	4110 - Sugar Maple Association	Current	No
Preso			asal area of 80sqft. ation, if present. Ga							d to have exis	ting
	Step Monito	ring, Natura	al Regen (Re-Inven	itory)							
Acce Rege		birch, cher	rry, basswood, hem	nlock							
Othe Com	<u>r</u> ment:										
	Condition:										
Prop	osed Start Date	<u>:</u> 10/01/20)26								
340	32051340- Cutx	11.1 4	110 - Sugar Maple Association	9	106	111- 140	Harvest	Selection	4110 - Sugar Maple Association	Current	No
Preso Spec			asal area of 80sqft. ation, if present. Ga					r create canopy ga	aps in areas found	d to have exis	ting
Next Treat	Step Monito	ring, Natura	al Regen (Re-Inven	itory)							
Acce Rege		birch, cher	rry, basswood, hem	nlock							
Othe Com	<u>r</u> ment:										
Site (Condition:										
Prop	osed Start Date	<u>:</u> 10/01/20	031								
341	32051341- Opening	1.2	3102 - Grass	99			Openings Mgmt.	. Openings Mgmt.	2113 - Forage Crops	Previous Inventory	No
Preso Spec			e, fertilize, and/or n hrubs. Monitor heal							ze, and/or ma	aintain mas
Next	<u>Step</u> Openin	igs Mgmt.,	Grass/Forb Plantin	ıg; Openii	ngs Mgn	nt., Grass	s/Forb Planting;	Openings Mgmt.,	Grass/Forb Plant	ting	

Next Step Treatments: Openings Mgmt., Grass/Forb Planting; Openings Mgmt., Grass/Forb Planting; Openings Mgmt., Grass/Forb Planting

<u>Acceptable</u> Cool season forbs (clover) <u>Regen:</u>

<u>Other</u> Comment:

Site Condition:

352 32051352- 2.2 3102 - Grass 99 Openings Mgmt. Openings Mgmt. 2113 - Forage Previous No Opening Opening

<u>Prescription</u> Herbicide, cultivate, fertilize, and/or mow to maintain planted cover crops as necessary. Plant and trim, shelter, fertilize, and/or maintain mast producing trees/shrubs. Monitor health and survival of cultivated forbs and planted trees/shrubs; and assess

Next Step Openings Mgmt., Grass/Forb Planting; O

Acceptable Cool season forbs (clover)

Other Comment:

Regen:

Site Condition:

s t			Gwini	n Mgt. Unit		Repoi	rt 3	Treatments		Compartmen Year of Entry		DNR DNR
a n d	Treatm Nam		Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habita Cut
361	32051 Oper		2.8	330 - Low-Density Trees	99			Openings Mgmt.	Openings Mgmt.	3204 - Mast Producing Shrub	Previous Inventory	No
Prese Spec				by mechanical mea v planted apple tree							Intention is	to maintai
	Step tments:	Opening	ıs Mgmt.,	Brush Mgmt.								
Acce Rege		Natural (grass/forb	os and planted mast	t-producino	g trees a	and shrub	os.				
Othe Com	<u>r</u> ment:	Look at	adding st	and 361 treatment,	G Stand, t	o timber	sale if p	ossible.				
	Conditior osed Sta	_	05/01/20	026								
362	320513	62-Cut	6.8 4	110 - Sugar Maple Association	9	106	111- 140	Harvest	Selection	4110 - Sugar Maple Association	Current	No
Othe Com Site	en: r ment: Condition	1 <u>.</u>	10/01/20	rry, hemlock, bassw								
378	32051 Oper		0.9	3102 - Grass	99			Openings Mgmt.	Openings Mgmt.	2113 - Forage Crops	Previous Inventory	No
Preso Spec				te, fertilize, and/or n hrubs. Monitor heal							e, and/or ma	aintain ma
	Step tments:	Opening	ıs Mgmt.,	Grass/Forb Planting	g; Openiı	ngs Mgn	nt., Grass	s/Forb Planting;	Openings Mgmt.,	Grass/Forb Planti	ng	
Acce Rege		Cool sea	ason forb	s (clover)								
Othe Com	<u>r</u> ment:											
	Condition	_										
			05/01/20									
	320513		16.8 rees with	4136 - Aspen, Mixed Conifer 1 or more pulpwood	6 Listicks D	30 o not cu	51-80	Harvest	Clearcut	413 - Aspen Create 2 to 4 drum	Planting Record ming logs, at	No t least 8
Spec	<u>s:</u>	feet long	g, from tre	es optimally 9-15 in	nches in si						ming logo, at	. iouot o
Treat	tments:		-	sam poplar spruce	• /							

 $\frac{Acceptable}{Regen:} \ \ \, \text{Aspen, birch, balsam poplar, spruce, fir.}$

<u>Other</u>

<u>Comment:</u> Snowmobile trail spec will be needed for associated timber sale.

Site Condition:



t											rear or Entry	,. <u>_</u>	DNR
a n d	Treatr Nan		Acre	es	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habita Cut
01		1401- ning		3.7 3	30 - Low-Density Trees	99			Openings Mgmt.	Openings Mgmt.	2113 - Forage Crops	Previous Inventory	No
Preso Spec										ssary. Plant and tr d trees/shrubs; and		ze, and/or ma	aintain ma
	Step ments:	Openir	ngs M	gmt., (Grass/Forb Plantin	ng							
Acce Rege		Cool s	eason	forbs	(clover)								
Other Comr	<u>ment:</u>												
Site (Conditio	<u>n:</u>											
Propo	osed St	art Date	<u>e:</u> 05/	01/20	28								
407		1407- ning		1.5 3	310 - Herbaceous Openland	99			Openings Mgmt.	Openings Mgmt.	2113 - Forage Crops	Previous Inventory	No
Preso Spec										essary. Plant and tr d trees/shrubs; and		ze, and/or ma	aintain ma
<u>Next</u> Treat	Step ments:	Openir	ngs M	gmt., (Grass/Forb Plantin	ng							
Acce Rege		Cool s	eason	forbs	(clover)								
Other Comr	<u>ment:</u>												
Site (Conditio	<u>n:</u>											
Propo	sed St	art Date	<u>e:</u> 05/	01/20	30								
410		1410- ning		8.3	3102 - Grass	99			Openings Mgmt.	Openings Mgmt.	2113 - Forage Crops	Previous Inventory	No
Preso Spec										essary. Plant and tr d trees/shrubs; and		ze, and/or ma	aintain ma
<u>Next</u> <u>Treat</u>	Step ments:	Openir	ngs M	gmt., (Grass/Forb Plantin	ng; Openir	ngs Mgr	nt., Grass	s/Forb Planting;	Openings Mgmt., (Grass/Forb Plant	ing	
Acce Rege		Cool s	eason	forbs	(clover)								
Other Comr	_												
Site (Conditio	<u>n:</u>											
Propo	osed St	art Date	<u>e:</u> 05/	01/20	25								
413		1413- ning		1.5	3102 - Grass	99			Openings Mgmt.	Openings Mgmt.	2113 - Forage Crops	Previous Inventory	No
Preso Spec										essary. Plant and tr d trees/shrubs; and		ze, and/or ma	aintain ma
<u>Next</u> Treat	Step ments:	Openir	ngs M	gmt., (Grass/Forb Plantin	ng; Openir	ngs Mgr	nt., Grass	s/Forb Planting;	Openings Mgmt., (Grass/Forb Plant	ing	
Acce Rege		Cool s	eason	forbs	(clover)								
Other Comr													
Site (<u>Conditio</u>	<u>n:</u> Oth	ner Infl	uence	e Zones								
Propo	osed St	art Date	<u>e:</u> 05/	01/20	25								

Gwinn Mgt. Unit Report 3 -- Treatments Compartment: 32051 s Year of Entry: 2027 t а **Treatment** Stand Size Stand BA **Treatment Treatment** Cover Type Acres Age Habitat n Method Objective Name CoverType Density Age Range Type Structure Cut d **Approved Treatments:** 32051006-Cut 11.4 4134 - Aspen, 8 108 51-80 Harvest Clearcut 413 - Aspen **Planting** No Spruce/Fir Record Prescription This stand is part of the South Marquette County Grouse Enhanced Management Site (SMC GEMS). Include the following management practices (and specs in proposal): Drumming log retention, and conifer component retention. Due to small stand size and lowland Specs: Next Step Monitoring, Natural Regen (Intermediate) Treatments: Acceptable Balsam poplar, birch, aspen. Regen: Portions of this stand are wet with multiple seeps and mucky soils. This ground will be more operable with a deep freeze of the muck Other layer.Harvest now to capture mortality of aspen, birch, SBW, and prevent conversion to northern hardwood.GEM Stand Cu Comment: Site Condition: Proposed Start Date: 10/01/2021 21 32051021-14.8 4110 - Sugar Maple 108 81-110 Monitorina Monitoring -411 - Northern Current No Monitor Association Regeneration Hardwood Prescription Within 5 years, monitor for adequate stocking of advanced regeneration. Next Step **Treatments:** Sugar maple, red maple, yellow birch, basswood, long-lived conifers (hemlock, white pine) <u>Acceptable</u> Regen: Other Percent to Treat = 100% Comment: Site Condition:

Proposed Start Date: 10/01/2025

43 32051043- 5.3 4119 - Mixed 9 106 81-110 Monitoring Monitoring - 4319 - Mixed Current No Monitor Northern Hardwoods Regeneration Upland Forest

Prescription Specs:

Next Step Treatments:

Acceptable Northern hardwoods, hemlock, component of S/F

Regen:

Other Percent to Treat = 100%

Comment:

Site Condition:

s t		Gwin	n Mgt. Unit		Repoi	rt 3 ⁻	Treatments		Compartmen Year of Entry		DNR
a n Tr d	reatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
47 3	32051047 Monitor	4.3	4115 - Y.Birch, Hemlock NH	7	110	1-50	Monitoring	Monitoring - Regeneration	4190 - Mixed Upland Deciduous with Cedar	Planting Record	No
Prescript Specs:	<u>tion</u> Star	ting 2 years f	rom harvest, condu	ct annual o	or bienni	al regene	ration surveys fo	or 10 years.			
Next Ste Treatme	_										
Acceptal Regen:	<u>ble</u> Yello	ow birch, pap	er birch, white ceda	ır, white pir	ne, red c	oak, cherr	y, black ash.				
Other Commer		ent to Treat	= 100%								
Site Con	ndition:										
Propose	ed Start Da	ate: 10/01/2	026								
50 32	051050-C	ut 23.9	6117 - Lowland Deciduous, Mixed Coniferous	6	108	81-110	Harvest	Clearcut	6112 - Lowland Aspen	Planting Record	No
Prescript Specs:			t of the South Marqueccs in proposal): D						S). Include the follo	owing mana	gement
Next Ste Treatme		itoring, Natur	ral Regen (Intermed	liate)							
Acceptal Regen:	<u>ble</u> Bals	am poplar, b	irch, aspen. Lowlar	nd conifers	for wild	life cover.					
Other Commer			: a low swale runs tl et. This ground will								ay be
Site Con	ndition:										
Propose	d Start Da	ate: 10/01/2	021								
66 3	32051066	4.8	4113 - R.Maple,	6	50	81-110	Monitoring	Monitoring -	6120 - Lowland	Cutting	No

Conifer Regeneration Monitor Cedar Record

Prescription Specs:

Next Step Treatments:

Acceptable Spruce, maple, aspen, birch, fir. Regen:

Percent to Treat = 100%

Other Comment:

Site Condition:

	S
	4
	t
	а

S Year of Entry: 2027 **Treatment** Stand BA **Treatment Treatment** Cover Type Acres Stand Size Age Habitat n Name CoverType Density Age Range Type Method Objective Structure Cut d 68 32051068-Cut 22.0 4130 - Aspen 81-110 Harvest Clearcut 413 - Aspen Planting No Record Prescription Clearcut stand using two-inch spec. Leave one log per 2 acres for drumming logs. Leave under represented species such as cedar, white Specs: pine, and hemlock. Favor oak, yellow birch, elm and cherry during sale prep. Monitoring, Natural Regen (Re-Inventory) Next Step Treatments: Acceptable Aspen, spruce, fir and mixed hardwood Regen: Other Comment: Site Condition: Proposed Start Date: 10/01/2026 4134 - Aspen, **Planting** 32051076-Cut 85.9 q 108 111-Harvest Clearcut Nο 413 - Aspen Spruce/Fir 140 Record Prescription Mature to overmature aspen, initial stages SBW. Harvest soon. This stand is part of the South Marquette County Grouse Enhanced Management Site (SMC GEMS). Include the following management practices (and specs in proposal): Drumming log retention, and co Specs: Next Step Monitoring, Natural Regen (Intermediate) Treatments Acceptable Aspen, conifer patches for wildlife cover Regen: Post-harvest work: Access road from northeast portion of stand across cedar, to central portion of stand should be graded and converted to Other Comment: hunter walking trail.GEM Stand Cut in 2017 because of current forest conditions this stand will be changed to a 20 Site Condition: Proposed Start Date: 10/01/2021 32051077-Cut 20.0 4134 - Aspen, 52 51-80 Harvest Clearcut **Planting** No 413 - Aspen Spruce/Fir Record Prescription This stand is part of the South Marguette County Grouse Enhanced Management Site (SMC GEMS). Include the following management practices (and specs in proposal): Drumming log retention, and conifer component retention. Specs: Monitoring, Natural Regen (Re-Inventory) Next Step **Treatments:** Acceptable aspen, mixed hardwood, mixed conifer Regen: **Other** Comment: Site Condition: Proposed Start Date: 10/01/2021 32051095.21 4130 - Aspen 51-80 **Planting** 95 41.2 6 48 Harvest Clearcut 413 - Aspen No Record Prescription Clearcut stand using two-inch spec. Leave one log per 2 acres for drumming logs. Leave under represented species such as cedar, white pine, and hemlock. Favor oak, yellow birch, elm and cherry during sale prep. Specs: Next Step Monitoring, Natural Regen (Re-Inventory) Treatments:

Acceptable Aspen, Mixed Hardwood and Conifer.

Regen: Other

WLD - Agree with Treatment, GEM Harvest in 2021 (American woodcock ruffed grouse and white - tailed deer) (State Game Fund)

Comment:

Site Condition:

DNR DNR	OURCE!
Hahitat	

S										Year of Entr	y: 2027	DNR
t a n d	Treatn Nam		Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habi Cu
95	320510 u		31.1	4130 - Aspen	6	48	51-80	Harvest	Clearcut	413 - Aspen	Planting Record	N
Pres Spec				ing two-inch spec. k. Favor oak, yellov					gs. Leave under re	epresented species	s such as ced	ar, white
	Step tments:	Monitor	ing, Natura	al Regen (Intermed	liate)							
Acce Rege		Aspen,	Mixed Ha	rdwood and Conife	er.							
Othe Com	e <u>r</u> ment:	WLD- A	Agree with	Treatment, GEM H	larvest in 2	026 (An	nerican w	oodcock ruffed (grouse and white	- tailed deer) (State	e Game Fund)
Site	Conditio	<u>1:</u>										
Prop	osed Sta	rt Date:	10/01/20)26								
98	320510	98-Cut	18.4	4130 - Aspen	6	40	111- 140	Harvest	Clearcut	413 - Aspen	Planting Record	Ν
Pres Spec				ing two-inch spec. k. Favor oak, yellov					gs. Leave under re	epresented species	s such as ced	ar, white
	Step tments:	Monitor	ing, Natura	al Regen (Re-Inver	ntory)							
Acce Rege	•	Aspen,	spruce, fir	, mixed hardwood								
Othe Com	<u>ment:</u>											
Site	Conditio	<u>1:</u>										
<u>Prop</u>	osed Sta	rt Date:	10/01/20)27								
98	3205 ² Cu		13.9	4130 - Aspen	6	40	111- 140	Harvest	Clearcut	413 - Aspen	Planting Record	Ν
Pres Spec				of the South Marquecs in proposal): D						IS). Include the fol	lowing manag	ement
	Step tments:	Monitor	ing, Natura	al Regen (Re-Inver	ntory)							
Acce Rege	•	aspen,	mixed con	ifer, mixed hardwo	od							
Othe Com	e <u>r</u> ment:											
Site	Conditio	<u>n:</u>										
<u>Prop</u>	osed Sta	<u>rt Date:</u>	10/01/20)21								
98	3205′ Cu		24.5	4130 - Aspen	6	40	111- 140	Harvest	Clearcut	413 - Aspen	Planting Record	١
Pres Spec				of the South Marquecs in proposal): D						IS). Include the fol	lowing manag	ement
	Step tments:	Monitor	ing, Natura	al Regen (Re-Inver	ntory)							
Acce Rege		aspen,	mixed con	ifer, mixed hardwo	od							
Othe Com	e <u>r</u> ment:											
0	Conditio	n·										
Site	Containe	<u></u>										

M/CHIGAN S

S t		Owiiii	i Mgt. Omt		Kepoi	(3)	realments		Year of Entr		DNR
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habita Cut
98	32051098- Cutxxx	0.4	4130 - Aspen	6	40	111- 140	Harvest	Clearcut	413 - Aspen	Planting Record	No
Spec Next	<u>s:</u> pract	ices (and sp	of the South Marq ecs in proposal): [al Regen (Re-Inver	Drumming lo					S). Include the foll	owing manag	ement
Rege Othe	en:	n, mixed cor	ifer, mixed hardwo	ood							
	Condition: osed Start Da	<u>te:</u> 10/01/20	017								
103	32051098- Monitor	28.7 4	110 - Sugar Maple Association	9	120	81-110	Monitoring	Monitoring - Regeneration	411 - Northern Hardwood	Current	No
Spec Next Trea Acce Regg Othe Com Site Prop 113 Pres Spec	Step tments: ptable A diverse: r Percoment: Condition: osed Start Da 32051113-Ci cription This s: pract	erse mix of rent to Treat = 10/01/20 ut 17.1 stand is partices (and sp		species. 6 uette Coun					413 - Aspen S). Include the foll	Planting Record owing manag	No ement
Acce Rege Othe Com	tments: ptable Aspe en:	n, Mixed Ha	rdwood, Mixed con								
	22054447.0	ut 9.8 4	110 - Sugar Maple Association	9	106	81-110	Harvest	Selection	411 - Northern Hardwood	Current	No
147	32051147-C		, 1000010111011								

 170
 32051170-Cut
 9.1
 4134 - Aspen, Spruce/Fir
 9
 65
 81-110
 Harvest
 Clearcut
 413 - Aspen
 Planting
 No

Prescription Clearcut stand using two-inch spec. Leave one log per 2 acres for drumming logs. Leave under represented species such as cedar, white

<u>Specs:</u> pine, and hemlock. Favor oak, yellow birch, elm and cherry during sale prep.

<u>Next Step</u> Monitoring, Natural Regen (Intermediate) <u>Treatments:</u>

Acceptable Aspen, mixed hardwood, mixed conifer.

Regen:

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2021

217 32051217.15 11.5 4319 - Mixed 6 63 111-Harvest Clearcut 4319 - Mixed **Planting** No **Upland Forest** 140 **Upland Forest** Record Cut

<u>Prescription</u> Over-mature aspen over spruce fir poles. Harvest to continue aspen.

Specs:

This stand is part of the South Marquette County Grouse Enhanced Management Site (SMC GEMS). Include the following management practices (and specs in proposal): Winter sale only, drum

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen, balsam poplar, birch, spruce, red maple, fir.

Regen:

Other Stand has wet spots; mark red line for optimal operability.

Comment:

Site Condition:

S t									Year of Entr	y: 2027	DNR DNR
••	ment me	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
	218.44_ Cut	9.4	6129 - Mixed Coniferous Lowland Forest	5	126	141- 170	Harvest	Selection	612 - Lowland Coniferous Forest	Cutting Record	No
Prescription Specs:			es (aspen, birch, bal ut aim to maintain ce			rack, spru	ice) but retain c	edar. Good pocke	ts of tamarack. Se	elect cedar m	ay be taken
Next Step Treatments		ring, Natui	ral Regen (Re-Inven	tory)							
Acceptable Regen:	Tamar	ack, birch,	balsam poplar, spru	uce, cedar	-						
Other Comment:			nd. Transitional low es with cedar and ta								d aspen
Site Conditi	on:										
Proposed S	tart Date	<u>:</u> 10/01/2	018								
221 32051	221.4_C ut		4191 - Mixed Upland Deciduous with Conifer	8	64	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No
Prescription Specs:		-	nerate stand: Over-m reas from the sale.	nature asp	en, pap	er birch, b	alsam fir falling	out of stand. Reta	ain hemlock and a	ny cedar. Exc	lude any
	This st	and is par	t of the South Marqu	ette Coun	ty Grous	se Enhan	ced Managemer	nt Si			
Next Step Treatments		ring, Natuı	ral Regen (Re-Inven	tory)							
Acceptable Regen:	Aspen,	birch, bal	sam poplar, hemloc	k, spruce,	fir.						
Other Comment:	•		st side, drain from op W/Forest health: Sp					·	and harvostad as n	or CEM plan	
			·	ruce/iii co	пропе	it is offiny	io sq. it. Stalid V	will be monitored a	iliu ilaivesteu as p	ei OLIVI piaii.	
		ravor reta	ining some health								
Site Conditi		10/01/0	0.40								
Proposed S	tart Date	<u>:</u> 10/01/2	018								
223 32051	223.39_ Cut	26.0	4191 - Mixed Upland Deciduous with Conifer	8	64	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No
Prescription Specs:	_		nerate stand: Over-m reas from the sale.	nature asp	en, pap	er birch, b	alsam fir falling	out of stand. Reta	ain hemlock and a	ny cedar. Exc	lude any
	This st	and is par	t of the South Marqu	ette Coun	ty Grous	se Enhan	ced Managemer	nt Si			
Next Step Treatments		ring, Natuı	ral Regen (Re-Inven	tory)							
Acceptable Regen:	. Aspen,	birch, bal	sam poplar, hemloc	k, spruce,	fir.						
Other	Pretty	wet on eas	st side, drain from op	oen wetlan	d. Patcl	nes domir	nated by balsam	fir poles.			
Comment:	Monito	red for SB	W/Forest health: Sp	ruce/fir co	mponer	nt is only 1	10 sq. ft. Stand v	will be monitored a	and harvested as p	er GEM plan.	
	WLD- I	Favor reta	ining some health								
Site Conditi	on:										
		40/04/0									

S					•				Year of Entr	y: 2027	DNR
t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
239	32051239.38_ Cut	3.4	4112 - Maple, Beech, Cherry Association	9	187	111- 140	Harvest	Seed Tree	411 - Northern Hardwood	Planting Record	No
Pres Spec		•	l-firm sugar maple a with advanced rege			•		•		•	e seed
	Step Monito	oring, Natur	al Regen (Re-Inven	tory)							
Acce Rege		/ birch, hem	nlock, basswood, re	d maple, s	ugar ma	aple, pape	er birch.				
Othe Com		•	tory. Cut stems tha d larger sugar mapl		•			release of advance	ed regeneration ar	nd good seed	crops that
	In add	ition: Agree	with Treatment, (n	orthe							
	Condition:										
Prop	osed Start Date	e: 10/01/20)18								
244	32051244.19_ Cut	35.4	4134 - Aspen, Spruce/Fir	6	64	111- 140	Harvest	Clearcut	413 - Aspen	Planting Record	No
Pres Spec			of the South Marquecs in proposal): V							owing manag	gement
	Step NonFo	orestMgt, Fr	ruit Tree/Shrub Plar	nting; Mon	itoring, I	Natural Ro	egen (Re-Invent	ory)			
Acce Rege	<u>eptable</u> Aspen <u>en:</u>	, birch, spru	uce, fir.								
Othe Com			s snowmobile trail g Harvest in 2021 (Aı			•	•		•	LD- Agree wit	th
Site	Condition:										
Prop	osed Start Date	<u>e:</u> 10/01/20)21								
245	32051245- Monitor	20.4	4134 - Aspen, Spruce/Fir	0	5	1-50	Monitoring	Monitoring - Regeneration	413 - Aspen		No
Pres Spec	cription cs:										
	Step tments:										
Acce Rege	<u>eptable</u> Aspen <u>en:</u>	, birch, spru	uce, fir.								

Regen:

Percent to Treat = 100%

Other Comment:

Site Condition:

s t		•			Kepo		realments	Year of Entr		DNR	
a n Treatr d Nan		Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habita Cut
255 320512 C	55.11_ ut	8.0 4	110 - Sugar Maple Association	6	64	81-110	Harvest	Thinning	411 - Northern Hardwood	Current	No
Prescription Specs: Next Step Treatments: Acceptable Regen:			nd improvement: Tl aspen for wildlife.	hin hardw	ood pole	es to incre	ase quality. Cu	ıt aspen to regenei	ate and capture n	nortality. Reta	ain some
Other Comment:		on: Agree	with Treatment, (Ar	merican w	oodcoc	k ruffed gr	ouse and white	- tailed deer) (Stat	e Game Fund)		
Site Condition Proposed Sta		10/01/20	18								
•	1257-	65.7	4130 - Aspen	0	3	Immatu re	Monitoring	Monitoring - Regeneration	413 - Aspen		No
Prescription Specs:											
Next Step Treatments: Acceptable			Grass/Forb Planting	g; Openin	gs Mgm	nt., Grass/	Forb Planting				
Regen: Other Comment:	Percent	to Treat =	100%								
Site Conditio	_										
Proposed Sta				•	0.4	04.440	Hamasak	Observed	440	Diametica	
258 320512 ປ	58.6_C t	24.9	4130 - Aspen	6	64	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No
Prescription Specs:			of the South Marque cs in proposal): Wi							lowing manag	ement
Next Step Treatments:	Monitorir	ng, Natura	ıl Regen (Re-Invent	cory)							
Acceptable Regen:	Aspen, b	irch, spru	ce, fir.								
Other Comment:			oes through stand, oodcock ruffed grou						gree with Treatme	nt, GEM Harv	est in
Site Conditio	<u>n:</u>										
Proposed Sta	art Date:	01/24/20	22								
263 320512 C	63.30_ ut	42.0	4134 - Aspen, Spruce/Fir	6	54	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No
Prescription Specs:			of the South Marque cs in proposal): Wi							lowing manag	ement
Next Step Treatments:	NonFore	stMgt, Mo	owing; Monitoring, N	Natural Re	egen (R	e-Inventor	y)				
Acceptable Regen:	Aspen, b	irch, bals	am poplar, spruce,	fir.							

Other Comment:

Proposed Start Date: 10/01/2021

Hunter walking trail maintenance in next step treatments.

Compartment: 32051 Year of Entry: 2027

Hardwood

S

	reatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habita Cut
d 208 32	2051271.7_C	4.3	6120 - Lowland	6	133	141-	Harvest	Clearcut	429 - Mixed	Cutting	No
	ut		Cedar			170			Upland Conifers	Record	
Prescrip			tly upland and trans					e and stay out of	wet ground. Retair	n cedar. Tar	marack in
Specs:	South a	liong trail i	s harvestable. Can	narvesi iar	пагаск,	red mapi	e, III, spruce.				
	If feasil	ole, push h	narvest								
<u>Next Ste</u> <u>Freatme</u>		ring, Natur	al Regen (Re-Inven	tory)							
Accepta Regen:		tamarack,	spruce, hemlock, b	oalsam pop	olar, red	maple, b	irch.				
<u>Other</u> Comme		tion: Agree	with Treatment, (w	hite-tailed	deer) (State Gar	me Fund)				
Oommo		t in the no	n-winter months if fe	easible; on	snowm	obile trail	. No weekend h	auling on snowmo	obile trail.		
Site Cor	ndition:										
Propose	ed Start Date	10/01/20	018								
278 32	2051278.4_C	31.5 4	110 - Sugar Maple	9	187	111-	Harvest	Selection	411 - Northern	Current	No

Association 140

Prescription Mark to residual ba of 70 following Compleat Marker guidelines. Retain most of the yellow birch and make 80' gaps around the yellow birch to try and promote regeneration. Retain hemlock.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable red maple, sugar maple, yellow birch.

Regen:

If feasible, harvest in non-winter months to access by the snowmobile trail. Winter months: no weekend hauling on the snowmobile trail. Other

Comment:

In addition: Retain all Northern White Cedar (1%) Hemlock (1%) and White Spruce (1%) (white - tailed deer) (State

Site Condition:

Proposed Start Date: 10/01/2018

282 32051282.10 43.8 4110 - Sugar Maple 187 111-Harvest Selection 411 - Northern Current No Association 140 Hardwood

Prescription Single tree selection to target residual basal area of 80 sq ft/ac. Mark to increase quality. Release advanced regeneration where feasible Specs: with small gaps. Retain hemlock and cedar, and favor minor species. Minor species can be marked with sugar maple

Next Step Other, Other - Specify; Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Sugar maple, basswood, red maple, hemlock, yellow birch, paper birch, white spruce, cedar.

Regen:

Other Decent quality northern hardwood stand. Harvested 7 years ago, but has high BA: 90, 140, 150, 100. Paper birch falling out of stand. Have Comment:

to mark some minor species for maneuverability and to reach target residual BA.

In addition: Agree with Treatm

Site Condition:

Report 3 -- Treatments

Compartment: 32051

Year of Entry: 2027

n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
294	32051294-Cut	12.6	4211 - Planted Red	6	43	111-	Harvest	Thinning	4211 - Planted	Planting	No
			Dino			1/10			Pad Dina	Docord	

Prescription Conduct initial third row thinning of plantation. If rows are too tight to accommodate modern logging equipment, may need to take two rows, Specs: and leave three thinning method. Basal area stocking averages 230 sq. ft. of red pine.

Next Step Treatments:

Acceptable Not applicable

Regen:

Other Out of entry year treatment. This proposal will go through compartment review as associated with stands 12 and 14, Cmpt 45. Stand has not been entered yet. Stand within GEMS, gate. Comment:

Site Condition:

Proposed Start Date: 10/01/2018

42110 - Planted 201+ 4211 - Planted **Planting** 296 32051296-Cut 98 6 43 Harvest Nο Thinning Red Pine Red Pine Record

Prescription Conduct initial third row thinning of plantation. If rows are too tight to accommodate modern logging equipment, may need to take two rows, and leave three thinning method. Basal area stocking averages 230 sq. ft of red pine. Specs:

Next Step Treatments:

Acceptable Not applicable.

Regen:

Out of entry year treatment - will go through compartment review associated with stands 12 and 14. Cmpt 45. Stand has not been entered Other yet. Stand within GEMS, gate. Comment:

Site Condition:

Proposed Start Date: 10/01/2018

32051339-29.8 4110 - Sugar Maple 120 111-411 - Northern Current No Monitoring Monitoring -Association 140 Regeneration Hardwood Monitor

Prescription MWR project.

Specs: MSU crew will monitor site per study specs.

Next Step Treatments:

Acceptable A diverse mix of northern hardwood species.

Regen:

Other Percent to Treat = 100%

Comment:

Site Condition:

Proposed Start Date: 10/01/2019

4211 - Planted 294 RP Thinning 3.3 4211 - Planted Red 6 43 111-Harvest Thinning **Planting** Nο 140 Record Red Pine

Prescription Conduct initial third row thinning of plantation. If rows are too tight to accommodate modern logging equipment, may need to take two rows, Specs: and leave three thinning method. Basal area stocking averages 230 sq. ft. of red pine.

Next Step Treatments:

Acceptable Not applicable.

Regen:

Out of entry year treatment. This proposal will go through compartment review as associated with stands 12 and 14, Cmpt 45. Stand has not Other Comment: been entered yet. Stand within GEMS, gate.

Site Condition:

Proposed Start Date: 04/24/2019

Gwinn Mgt. Unit Report 3 -- Treatments Compartment: 32051 s t Year of Entry: 2027 а Cover Type Objective Age Structure **Treatment** Acres Stand Size Stand BA Treatment Treatment Habitat n CoverType Density Age Method Name Range Cut d Type

Total Treatment Acreage Proposed: 2406.1

Gwinn Mgt. Unit

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Compartment: 51
Year of Entry: 2027



Availability for Management

Total	Acres	Acres Avail	Acres	De	Dominant Site Conditions									
Acres	Available	With Condition	Not Available		4A	5C	2G	2H	3A	3G	3J	3L	5D	5E
2088	2009	0	78	Aspen				13		5	28			32
12	12	0	0	Bog										
1814	1333	0	481	Cedar			440				41			
8	8	0	0	Hemlock										
123	122	0	2	Herbaceous Openland						2				
70	67	0	3	Low-Density Trees							3			
66	38	0	28	Lowland Aspen/Balsam Poplar			28							
534	10	0	524	Lowland Conifers			415				90	20		
26	15	0	11	Lowland Deciduous			6				5			
72	34	7	31	Lowland Mixed Forest	7						23			8
314	314	0	0	Lowland Shrub										
725	90	46	590	Lowland Spruce/Fir		46	79		379		109		23	
85	85	0	0	Marsh										
306	240	27	40	Mixed Upland Deciduous		27		15	3		13			9
54	0	0	54	Natural Mixed Pines					45		9			
1294	1211	43	41	Northern Hardwood		43		32		8				1
20	20	0	0	Paper Birch										
39	39	0	0	Red Pine										
209	49	0	161	Tamarack			69					92		
71	71	0	0	Treed Bog										
57	16	0	41	Upland Conifers							41			
6	4	0	2	Upland Mixed Forest										2
22	22	0	0	Upland Spruce/Fir										
20	20	0	0	Urban										
46	46	0	0	Water										
34	34	0	0	White Pine										
8,114	5,907	122	2,084	Total Forested Acres	7	115	1,036	60	427	14	360	111	23	53
	73%	2%	26%	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.

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	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	15	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Look at thinning this	s stand to 60sqft next YOE wit	h stand 9	2.			
2	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	78	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Stream and river bu	ıffer/riparian corridor					
3	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Would have to go th	nrough MWR stand to access	this. This	can hold tell access is pe	ermitted through MWR		
4	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	28	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
5	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	10	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: stream						
6	Unavailable	5D: Unproductive forest land	8	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Very wet & mostly s	mall timber.					

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7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Wet Swale						
8	Unavailable	3A: Conservation values incompatible with harvest at this time	26	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: ERA Dry-mesic no	rthern forest. Landon Lake Pine	S.				
9	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	74	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
10	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Area of softer grou	nd. Long term retention from ori	ginal sta	and created 2019.			
11	Unavailable	3A: Conservation values incompatible with harvest at this time	24	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: ERA Dry-mesic no	rthern forest. Landon Lake Pine	s.				
12	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
	0005 4 40 07 DM D						HEINTZE! MAN

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_							
13	Unavailable	5E: Long-Term Retention	7	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
	Long term retention	n from original stand created in 2	2019.				
14	Unavailable	3A: Conservation values incompatible with harvest at this time	2	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: This falls outside E	RA but is part of stand 45 and c	an be a l	ouffer to the ERA.			
15	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Retention for stand	87 cut in 2021.					
16	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	161	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
17	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	15	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Stand is surrounde	d by ERA.					
18	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

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19	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	9	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified			
	Comments: Long term retention	n and bmp exclusion of surroun	ding pa	arent aspen stand cut in c.20	023					
20	Unavailable	3A: Conservation values incompatible with harvest at this time	384	Unspecified	Unspecified	Unspecified	Unspecified			
	Comments: ERA Landon Lake	Poor Conifer swamp								
21	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified			
	Comments: Patches of Gem Ti	mber sale PU1 retention (Stand	1 217)							
22	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified			
	Comments:									
23	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	2	Unspecified	Unspecified	Unspecified	Unspecified			
	Comments: This area looks to p	possibly, inventory done in winte	er, hav	e some sensitive vernal and	I low areas excluded from I	narvest.				
24	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified			
	Comments: Retention for Flushing Frog GEMS timber sale (32-009-22)									
25	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified			
	Comments:									
	10005 4 40 00 DM D	-					UEINTZELMANI			

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26	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
27	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: 2022: Long term re	tention 3-10 percent for stand 7	6				
28	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
29	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	31	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
30	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
31	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Long term retention	o for stand 153.					
32	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: 2022: Long term re	tention for stand 77.					
33	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: 2022: Long term re	tention for harvest of stand 258					

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34	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	2	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: 2022: Vernal pool r	etention					
35	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
36	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Retention for stand	82 cut in 2020.					
37	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	5	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
38	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Long-term retention	n for Stand 37 cut in 2020.					
39	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	41	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
40	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

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41	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	9	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
42	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Pointers Paradise t	imber sale retention					
43	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	46	3J: Water quality/BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
(Comments:						
44	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	11	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
45	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	6	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
46	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Retention for adjac	ent cut in stand 183 harvested i	n 2020				
47	Unavailable	5D: Unproductive forest land	15	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						

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48	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
C	comments:						
F	Retention for stand	221 Patches of GEMS					
49	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	1	Unspecified	Unspecified	Unspecified	Unspecified
	comments: tream						
50	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	1	Unspecified	Unspecified	Unspecified	Unspecified
	comments: tream						
51	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
	comments: Retention for stand	l 19 cut in 2020.					
52	Unavailable	5E: Long-Term Retention	3	3J: Water quality/BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
C	omments:						
53	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
	comments: Retention for stand	l 87 cut in 2021					
54	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	13	Unspecified	Unspecified	Unspecified	Unspecified
	comments: eave for now as it	s large birch component provide	es dive	rsity within the compartment.			

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55	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
56	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Retention for Perrir	n Brothers North GEMS SBW • 3	32-014-1	6			
57	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
58	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Retention for stand	82 cut in 2020, directly northwe	est.				
59	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
60	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Retention and buffe	er for Happy Spaniel GEMS timb	oer sale.				
61	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

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62	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
63	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
64	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
65	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
66	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	50	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
T	This stand contains	s a stream that flows into Lando	n Lake. ⁻	The North side also acts a	as a buffer to the poor coni	fer swamp ERA to the sout	h.
67	Unavailable	2H: Blocked by physical	15	Unspecified	Unspecified	Unspecified	Unspecified
		obstacle (e.g. upland stand in a lowland area)					
(Comments:						
T	This stand is difficu	ılt to access, given Landon Lake	e, stream	, river and lowland stands	s. I don't see this being fina	incially feasible to treat.	
68	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
	005 4:40:42 DM Do						HEINTZEI MANG

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69	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
0	Comments:	_		·	·	·	<u>·</u>
Т	his is a buffer to a	SCA and can serve as retention	n too.				
70	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	14	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
T	his could be treat	ed when the aspen stands to the	e south a	re harvested.			
71	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	5	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
72	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	7	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
73	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	68	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
74	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	3	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						

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75	Unavailable	5E: Long-Term Retention	7	3J: Water quality/BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
	Comments: This stand serves a	as a BMP buffer and retention.	Retentio	on for stand 114 harvested	by Roy Nelson III under co	ntract # 007-10-01.	
76	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	14	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
77	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	12	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
78	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	79	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
79	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	2	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
80	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	1	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
	005 4.40.44 DM Down						HEINTZEI MA

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81	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	1	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
82	Unavailable	3A: Conservation values incompatible with harvest at this time	0	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: This falls outside E	RA but is part of stand 45 and c	an be a l	ouffer to the ERA.			
83	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	5	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
84	Unavailable	3A: Conservation values incompatible with harvest at this time	0	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: This falls outside E	RA but is part of stand 45 and c	an be a l	ouffer to the ERA.			
85	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	13	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
86	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	15	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
	025 1:48:14 DM						LIEINTZEI MANI

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87	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	8	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
88	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	9	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
89	Unavailable	3L: Other wildlife concerns	92	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: .ots of cedar mixed	l in. Can't cut without damagin	g or cut	ting a significant amount of	cedar.		
90	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	59	3J: Water quality/BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
	Comments: Stream runs throug	h stand.					
91	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	16	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
92	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	53	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
(Comments:						

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93	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	16	3A: Conservation values incompatible with harvest at this time	Unspecified	Unspecified	Unspecified
	Comments:						
94	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	46	Unspecified	Unspecified	Unspecified	Unspecified
		get cut. The ground does seem years. Also, Swamp on south s			h a deep freeze. This sh	ould be held tell surroundin	g, recently cut, timber
95	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	2	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: 300' buffer						
96	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	3J: Water quality/BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
	Comments:						
97	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	94	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
98	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	2	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

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99	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	1	Unspecified	Unspecified	Unspecified	Unspecified
Co	omments:						
100	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	2	Unspecified	Unspecified	Unspecified	Unspecified
C	omments:						
101	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	1	Unspecified	Unspecified	Unspecified	Unspecified
C	omments:						
102	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	107	Unspecified	Unspecified	Unspecified	Unspecified
C	omments:						
103	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	175	Unspecified	Unspecified	Unspecified	Unspecified
C	omments:						
104	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	15	Unspecified	Unspecified	Unspecified	Unspecified
Co	omments:						

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105	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						
106	Unavailable	3K: Rare or unique landforms	15	Unspecified	Unspecified	Unspecified	Unspecified
	omments:	covers all areas not associated	with SC	CA but are part of the same st	and and cover type and	should be protected.	
107	Unavailable	3A: Conservation values incompatible with harvest at this time	2	Unspecified	Unspecified	Unspecified	Unspecified
	omments:	covers all areas not associated	with the	s SCA but are part of the sam	e stand and have the sa	ame cover type. Should be	protected.
108	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	65	3L: Other wildlife concerns	Unspecified	Unspecified	Unspecified
	omments: nis is wet and has	lots of cedar mixed in or unde	other s	species. Would have to remov	ve lots of cedar to harve	st other species.	
109	Unavailable	3L: Other wildlife concerns	20	Unspecified	Unspecified	Unspecified	Unspecified
	omments: ow ground with a	good mix of cedar. Would be h	ard to o	perate without cutting a decer	nt amount of cedar.		
110	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	4	3G: Other influence zones - See comments	Unspecified	Unspecified	Unspecified

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111	Unavailable	3G: Other influence zones - See comments	1	Unspecified	Unspecified	Unspecified	Unspecified
	omments: ee Conservation	Area Review Application and Pr	e-Invento	ory Docs on Gwinn S-Driv	re.		
112	Unavailable	3G: Other influence zones - See comments	5	Unspecified	Unspecified	Unspecified	Unspecified
	omments: ee Conservation	Area Review Application					
113	Unavailable	3G: Other influence zones - See comments	2	Unspecified	Unspecified	Unspecified	Unspecified
	omments: ee Conservation	Area Review Application and Pr	e-Invento	ory Docs on Gwinn S-Driv	re.		
114	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	18	Unspecified	Unspecified	Unspecified	Unspecified
C	omments:						
115	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7	Unspecified	Unspecified	Unspecified	Unspecified
C	omments:						
116	Available	4A: No markets available for these forest products	7	Unspecified	Unspecified	Unspecified	Unspecified
0		busting up on a wet site. Decer lot much to gain from entering th			and species within stand. T	he time to cut this was with	the adjacent stands

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117	Unavailable	3L: Other wildlife concerns	1	Unspecified	Unspecified	Unspecified	Unspecified
_	omments: mall spruce fir are	a to be excluded from treatme	nt				
110	Unavailable	3G: Other influence	8	Unspecified	Unspecified	Unspecified	Unspecified
118	Ollavallable	zones - See comments	-	2.1.2 p 2.2.1.2.2	·	- 1	G.1.6 p. c

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				



tand Level 4 Cover Type		Size De	nsity	Acres Stand Age E	BA Range	Managed S	ite	General Comments	
1 6120 - L	owland Ceda	ar	Sawtimb	er Well	106.2 115	111-140	N/A	1	OPIC - FMD: Nice cedar stand.
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
Paper Birch	1	Pole	6		Balsam Fir	Medium	Variable	Variable	
Balsam Poplar	1	Pole/Log	9		Tag Alder	Medium	5 - 10 feet	5 - 10 feet	
Black Spruce	10	Pole/Log	9						-
Northern White Cedar	73	Pole/Log	9	115					
Tamarack	15	Pole/Log	8						
2 6129 - Mixed Con	iferous Lowl	and Forest	Poletimb	er Poor	160.7 100	1-50	N/A	ı	
Canopy Species	% Cover	Size Class		Age	Sub-Canopy Species	Density	Avg. Height	Size	
Paper Birch	10	Log	12		Red Maple	Medium	Variable	Variable	
Black Spruce	30	Pole	9	100	Tag Alder	High	5 - 10 feet	5 - 10 feet	
Northern White Cedar	30	Pole/Log	9		Black Spruce	Medium	Variable	Variable	
Tamarack	30	Pole	6		Tamarack	Medium	Variable	Variable	
3 4110 - Sugar	Maple Asso	ciation	Sawtimb	er Well	121.2 120	111-140	N/A		Trace amount of white spruce and cedar in canopy.
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	(2025)5/25/16: Could use an improvement thinning. Avoid sugar maple advanced regeneration patches during harvest.OPIC - FMD:
Sugar Maple	83	Log/Pole	12	120	Ironwood	Low	Variable	Variable	Cut under permit # 25-96-01. Like stand 2, the understory contains
Basswood	15	XLog/Log	18		Balsam Fir	Trace	>20 feet	>20 feet	significant amount of raspberry and elderberry. Heavy moose brown
Paper Birch	2	Log/Pole	12		Balsam Fir	Trace	Variable	Variable	on the elderberry. There are occasional pockets of 6-10' tall sugar maple regeneration in "old gaps" .5/25/16 Field Notes: Moderate
					Sugar Maple	Medium	< 5 feet	< 5 feet	quality sugar maple sawlogs over poles. Good sapling regeneration
					Sugar Maple	Medium	Variable	Variable	especially south of road. Some XL Log sugar maples >22" dbh.
					Sugar Maple	Low	>20 feet	>20 feet	Occasional dense ironwood patches. Low spot/seep south of road.
4 6120 - L	owland Ceda	ar	Sawtimb	er Well	76.7 137	111-140	N/A	1	Very wet. Trace amount of hemlock and sugar maple. (2025)
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
Paper Birch	2	Pole/Log	8		Balsam Fir	Medium	Variable	Variable	
Quaking Aspen	1	Log	14		Red Maple	Low	Variable	Variable	
Balsam Poplar	5	Log/Pole	12		Tag Alder	High	5 - 10 feet	5 - 10 feet	
Black Spruce	5	Log/Pole	10			,			-
Northern White Cedar	83	Log/Pole	10	137					
Tamarack	2	Log/Pole	10						
Black Ash	2	Pole/Log	8						
5 6120 - Lo	owland Ceda	ar	Poletimb	er Poor	2.1 155		N/A		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
Balsam Fir	5	Pole	5		Tag Alder	High	5 - 10 feet	5 - 10 feet	
Black Spruce	10	Pole	7				1	1	_
Northern White Cedar	73	Pole/Log	8	155					
Tamarack	12	Pole	7						

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Stand	Level 4 C	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed Site		General Comments
6	4134 - Aspe	en, Spruce/	Fir Sa	wtimber	Medium	n 11.7	108	51-80	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	OPIC - FMD: A wet stand of white birch, tamarack, aspen and fir over tag alder, willow, and soft maple whips.5/25/16 Field Notes:
	Sugar Maple	10	Pole/Sapling	6		Blac	k Cherry	Low	5 - 10 feet	5 - 10 feet	Overmature aspen and paper birch falling out of stand. SBW initial
	Paper Birch	15	Log/Pole	10		Bal	sam Fir	Medium	10 - 20 feet	10 - 20 feet	stages. Portions of low ground/seeps. Good sugar maple
	Quaking Aspen	50	Log/Pole	12	108	Sug	ar Maple	Medium	Variable	Variable	sapling/sdlg regeneration.
	Balsam Fir	15	Log/Pole	10		Та	g Alder	Low	5 - 10 feet	5 - 10 feet	
	White Spruce	5	Log/Pole	11							
Noi	rthern White Cedar	5	Pole/Sapling	6							
7	4130	- Aspen		Sapling	Well	15.9	5 I	Immature	N/A		Most sugar maple saplings limited to edge of stand. (2025)Stand
	Canopy Species	% Cover	Size Class	DBH	Age						was harvested in 2020.OPIC - FMD: This is a narrow 2-3 chain wide stand of aspen, spruce/fir and mixed hardwoods. Regeneration
	Sugar Maple	1	Sapling	1							is mostly hard maple, with a significant portion of it quite advanced
	Quaking Aspen	89	Sapling	2	5						with 1-2" diameters and 10'-20' in height. The aspen is very large but
	Balsam Poplar	10	Sapling	2							most of it is down due to windthrow.5/26/16 Field notes: Abundant sugar maple regeneration under poor quality, wolfy maple trees.
				, ,	<u> </u>						Overmature aspen, birch, and white spruce. Low, wetter patches (seeps).
•	4130	- Aspen	F	Poletimb	er Well	30.7	37	81-110	N/A		2015 - W32698 - installed gate, limed, mowed. It was decided only to
8										0'	□ plant a portion of the trail to clover.2014 - W32698 - planted 25 red
	Canopy Species	% Cover	Size Class	DBH	Age		nopy Species sam Fir	Density	Avg. Height Variable	Size Variable	baron apple trees, 25 nannyberry, 25 highbush cranberry,4 mountain
	Paper Birch		Pole Pole		37			Low		Variable	ash, and 7 seedling apple trees. Hunter walking trail was herbicided and disked. OPIC - FMD: Cut under permit # 23-88-1. Aspen is 1-
	Quaking Aspen Balsam Poplar	10	Pole	9	31		ar Maple nwood	Medium	Variable Variable	Variable	3" dbh, 15-20' tall. 2015-Contains narrow drainage.5/26/16 Field
	Balsam Fir	10	Pole	8		110	iiwood	LOW	Valiable	variable	notes: Aspen coming into pole class. Moderate-good stocking.
	Balsam i ii	1	1 010	0							Roads coming into this stand from northern hardwood stand to southeast are soft and wet. Have some gravel, need more. Roads in rough shape due to seeps, shallow bedrock. Winter ground.
9	4110 - Sugar N	laple Assoc	ciation S	Sawtimb	er Well	114.2	121	111-140	N/A		Trace amount of white ash logs and some older XL log maple.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	OPIC - FMD: Notes from north portion of stand: cut under permit #9-
	Sugar Maple	67	Log/Pole	12	121	Bal	sam Fir	Low	Variable	Variable	98-01 in 2001 ORO logging. Excellent elderberry regeneration on the
	Red Maple	5	Log/Pole	12		Yell	ow Birch	Trace	>20 feet	>20 feet	eastern slopes. OPIC - FMD: Cut under permit # 017-97-01 "South
	Yellow Birch	2	Log/Pole	15		Sug	ar Maple	High	Variable	Variable	Landon Lake" in Jan,Feb, 2002 also part in permit #9-98-01 see com # 51. Also east of road cut in 1989 ("Landon Lake Balm" #018-88-2),
	Basswood	15	Log/Pole	15		Sug	ar Maple	Medium	>20 feet	>20 feet	lot of aspen and balsam poplar removed. One area of about 2 acres
	Paper Birch	2	Log/Pole	11		Sug	ar Maple	Medium	< 5 feet	< 5 feet	unthinned will have to wait until feasible, probably when total stand
	Quaking Aspen	2	Log/Pole	12		Whit	e Spruce	Low	Variable	Variable	thinned again. Some blowdown and also larger gaps created due to large amount of balsam poplar removed. Excellent regeneration 4-10
	White Spruce	2	Log/Pole	12							sugar maple in most areas of stand. Mostly good quality larger trees.
Noi	rthern White Cedar	5	Log/Pole	11							Not much crowding of trees yet, lots of crown room. 2015: BA still a
											little low for treatment (100-110).5/27/16 Field Notes: Typical northern hardwood stand with small aspen component on southern edge of stand. Good sugar maple sapling regeneration throughout, ironwood in patches. Larger skid trails/old roads going northwest up the slope are low, wet, and lots of evidence of past erosion. Gravel o these trails, but not enough; ground is soggy with seeps. Winter

ground.

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Stand	Level 4 C	over Type	s	Size De	nsity	Acres	Acres Stand Age BA		nd Age BA Range Managed Site		General Comments			
10	6115 - Lo	owland Ash	. Sav	wtimber	Medium	n 5.8	70	1-50	N/A	1	Wet swale with log to sap size black ash of varying stocking and si			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	Most of the larger ash is standing dead. (2025)2015 - Planted hunter walking trail to clover. Planted 9 dolgo crabapples.2014 -			
	Red Maple	1 0		Bal	lsam Fir	Medium	Variable	Variable	installe gate, planted 50 crabapples, 5 apple trees, 10 nannyberry,					
	Black Ash	95	Pole/Log/Sap	8	70	Та	g Alder	High	5 - 10 feet	5 - 10 feet	red oak, 4 mountain ash. Mowed hunter walking trail.2016-Above			
											comments relate to stands 102, 263, 103, 84. This stand was a part of the retention for the original sale, and consisits of a small swale with surrounding trees.			
12	4110 - Sugar N	∕laple Asso	ciation S	awtimb	er Well	11.8	108	51-80	N/A		Thinned in 2020.			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	OPIC - FMD: Stand was select cut with stand 81 of Cmpt. 52 und			
	Sugar Maple	93	Log/Pole	12	108	Bal	lsam Fir	Low	Variable	Variable	permit # 011-98-01. Some elderberry in the understory.			
	Basswood	5	Log	15		Blackber	rry/Raspberry	Medium	< 5 feet	< 5 feet	F/00/0040 F: 11			
	Paper Birch	2 Log/Pole		12		Quak	ing Aspen	Trace	Variable	Variable	5/26/2016 Field notes: Abundant, good sugar maple regeneratio seedlings and patches of saplings. Medium quality logs and pole			
						Iro	nwood	Low	Variable	Variable	NE facing, 10-25% slope.			
						Sug	ar Maple	Low	Variable	Variable				
						Sug	ar Maple	High	< 5 feet	< 5 feet				
13	4191 - Mixed Upla Co	and Decidu onifer	ous with Pol	etimber	Mediun	n 18.8	32	1-50	N/A		Very Patchy and poorly stocked. (2025)			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size				
	Red Maple	10	Sapling/Pole	3		Bal	lsam Fir	Low	Variable	Variable				
	Paper Birch	5	Pole	5		Pap	er Birch	Low	Variable	Variable				
	Quaking Aspen	25	Pole	5	32	Wh	ite Pine	Trace	Variable	Variable				
	Balsam Fir	25	Pole	7	32						_			
	White Pine	5	Log/Pole	11										
	Jack Pine	5	Pole	8										
	Black Cherry	25	Sapling/Pole	4	32									
14	6220 - A	lder/Willow		Nor	ne	120.3			No		OPIC - FMD: SCA-Tag Alder along Chandler Brook.			



Stand	Stand Level 4 Cover Type					Size D	ensity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
15		and Decidu onifer	ous with	Poletim	ber Well	5.6	90	51-80	N/A	A	This is a stream buffer stand. Lots of ages present balsam fir and spruce falling down. about 75% canopy closure. (2025)OPIC -		
	Canopy Species	% Cover	Size Class	DB	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	FMD: SCA- Stand was partially cut in 2001 by ORO logging permit #9-98-01. Fir seedlings are abundant. Include as biodiversity		
	Sugar Maple	5	Log/Pole	12		Ва	lsam Fir	High	Variable	Variable	maintenance area to protect the riparian values along Chandler Brook.5/26/16 Field: SBW present, initial stages. Parts of stand		
	Red Maple	35	Log/Pole	12	90	Blad	ck Spruce	Low	Variable	Variable	Brook.5/26/16 Field: SBW present, initial stages. Parts of stand		
	Yellow Birch	5	Log/Pole	12		Sug	gar Maple	Low	Variable	Variable	sugar maple-dominated.		
	Basswood	2	Log	15		Re	d Maple	Medium	Variable	Variable			
	Paper Birch	10	Log/Pole	10						1	_		
	Quaking Aspen	5	Log/Pole	14									
	Balsam Poplar	5	Log/Pole	14									
	Balsam Fir	15	Pole	8									
	White Spruce	2	Log/Pole	12									
	Black Spruce	5	Log/Pole	10									
No	orthern White Cedar	10	Log/Pole	11									
17	4130	- Aspen		Poletim	per Well	63.8	34	51-80	N/A	A	Treated under contract #35-85-01. Small 5 acres block adjacent to		
	Canopy Species	% Cover	Size Class	DB	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	stand 64, is actually 5 years younger, cut in 1995 under contract #22- 93-01. (2025)		
	Red Maple	8	Pole	5		Blad	ck Spruce	Low	Variable	Variable	00 01. (2020)		
	Paper Birch	5	Pole	7		Sug	gar Maple	Medium	Variable	Variable			
	Quaking Aspen	70	Pole	7	34	Re	d Maple	Medium	Variable	Variable			
	Balsam Poplar	10	Pole	7		Pa	per Birch	Low	Variable	Variable			
	Balsam Fir	5	Pole	8		Bla	ck Cherry	Low	Variable	Variable			
	Black Cherry	2	Pole	6									
18	6120 - Lo	wland Ceda	ar	Sawtim	oer Well	14.8	155	141-170	N/A	4	Cedar stand with a patch, in the middle, of very twisted cedar with		
	Canopy Species	% Cover	Size Class	DB	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	black ash coming up through. (2025)		
	Black Spruce	5	Log/Pole	12		Ва	lsam Fir	Low	Variable	Variable			
No	orthern White Cedar	75	Log/Pole	10	155	Ta	ag Alder	Low	5 - 10 feet	5 - 10 feet			
	Black Ash	20	Pole	5	40								
19	4130	- Aspen		Saplin	g Well	58.7	4 I	mmature	N/A	4	Stand was harvested in 2020. Super canopy cherry and spruce. Trace		
	Canopy Species	% Cover	Size Class	DB	H Age						amount of maple. (2025)OPIC - FMD: Nice 2-3 stick aspen with fir and spruce. Eastern edge of this stand abuts the retention portion of		
	Paper Birch	1	Sapling	1							stand 28 which is not to be harvest with stand 19 in the future.		
	Quaking Aspen	79	Sapling	1	4								
	Balsam Poplar	10	Sapling	1									
	Black Cherry	10	Sapling	1									



Stand	Level 4 C	vel 4 Cover Type Size Density Acres Stand Age BA Range Managed Site		General Comments						
20	6128 - Lowland Dec	Coniferous iduous	, Mixed	Poletimb	er Poor	14.2 155	1-50	N/A	Ą	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Specie	es Density	Avg. Height	Size	
	Paper Birch	5	Pole	6		Balsam Fir	Low	Variable	Variable	
	Quaking Aspen	20	Pole	6		Tag Alder	High	5 - 10 feet	5 - 10 feet	
	Balsam Poplar	10	Pole	6						-
	White Spruce	5	Pole	8						
	Black Spruce	25	Pole	6						
No	rthern White Cedar	35	Pole/Log	8	155					
21	4110 - Sugar M	1aple Asso	ciation	Sawtimb	er Well	13.7 108	81-110	N/A	A	Thinned in 2020.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Specie	es Density	Avg. Height	Size	OPIC - FMD: Thinned 2002 by C.J. logging permit #8-98-01.
	Sugar Maple	85	Log/Pole	12	108	Balsam Fir	Low	Variable	Variable	
	Basswood	15	Log	13	108	Wild Red Raspberry	/ High	< 5 feet	< 5 feet	Moderate quality sugar maple, basswood. BA can be patchy but average 110.: 130, 50,100. Ready for improvement selection cut if
						Ironwood	Medium	10 - 20 feet	10 - 20 feet	harvest nearby.
22	6120 - Lov	wland Ceda	ar	Poletimb	er Well	23.6 113	141-170	N/A	Ą	Patchy stand (2025)
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Specie	es Density	Avg. Height	Size	
	Black Spruce	5	Pole	8		Balsam Fir	Medium	Variable	Variable	
No	rthern White Cedar	90	Pole/Log	8	113	Tag Alder	Medium	5 - 10 feet	5 - 10 feet	
	Tamarack	5	Pole	8		Black Spruce	Low	Variable	Variable	
23	4110 - Sugar M	laple Asso	ciation	Sawtimb	er Well	8.0 110	111-140	N/A	4	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Specie	es Density	Avg. Height	Size	OPIC - FMD: Good quality hardwoods growing on ridge which falls away to the north down to a Q stand. High site quality. There is a fai
	Sugar Maple	90	Log/Pole	11	110	Balsam Fir	Low	Variable	Variable	amount of large woody debris on the ground from a windthrow event.
	Basswood	10	XLog/Log	18		Ironwood	Medium	Variable	Variable	Scattered throughout the stand a are large 20"+ dbh sugar maple with
						Sugar Maple	Medium	Variable	Variable	large yellow birch along the north edge. All yellow birch in this stand will be retained along with most of the larger sugar maple. Cut
						Sugar Maple	High	< 5 feet	< 5 feet	adjacent stand from compartment 52 at the same time. 2012-Stand
										treated by C.J Logging under contract #003-08-01 fall and winter of 2011-2012. 2016-lots of sugar maple seedlings 1-2' tall especially on the east side.
24		- Aspen		Poletimb		28.3 26	Immature	N/A		Trace amount of large super canopy maple, yellow birch, and white prince. (2025)OPIC - FMD: Cut under permit 12-98-01 in 1999.
	Canopy Species		Size Class		Age	Sub-Canopy Specie		Avg. Height	Size	Good aspen regeneration.2016 inventory: aspen saplings
	Sugar Maple	2	Pole	8		Black Cherry	Low	Variable	Variable	transitioning to pole size.
	Paper Birch	2	Pole	6		Balsam Fir	Low	Variable	Variable	
	Quaking Aspen	51	Pole	6	26	Sugar Maple	Medium	Variable	Variable	
	Bigtooth Aspen	40	Pole	7		Red Maple	Low	Variable	Variable	
	Balsam Fir	5	Pole	7		Paper Birch	Low	Variable	Variable	
						Ironwood	Low	Variable	Variable	

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Stand	d Level 4 C	over Type		Size De	nsity	Acres	Stand Age E	BA Range	Managed S	ite	General Comments		
25	4112 - Maple, Beed	ch, Cherry A	Association	Sawtimb	er Well	14.8	108	111-140	N/A		Trace amount of upland cedar in canopy. Large white spruce standing		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	dead. A few ages of maple present seedling, saplings, poles, and logs. (2025)OPIC - FMD: Poor quality hardwood, lots of clumps,		
	Sugar Maple	65	Log/Pole	12	108	Bals	sam Fir	Low	Variable	Variable	twins and triples. The stand is quite variable, the aspen component runs throughout the stand with average dbh over 12". There are		
	Red Maple	24	Log	12		Leat	herwood	Low	5 - 10 feet	5 - 10 feet			
	Quaking Aspen	8	Log	14		Suga	ar Maple	Low	Variable	Variable	pockets of fir poles and much of the hardwood is 2 aged with big remnant hardwoods over smaller poles. Retain the fir pockets.		
	Balsam Fir	1	Pole	9		Suga	ar Maple	Medium	< 5 feet	< 5 feet	Harvest will be scheduled for the summer months. 2011-Cut by Jim		
	Black Ash	2	Log/Pole	12		Suga	ar Maple	Low	>20 feet	>20 feet	Carey Logging under contract # 002-08-01.2016 inventory:		
											moderate quality hardwood. Maple regen<3', browsed heavily. Heav Rubus spp. on north end, patchy fir saplings throughout.		
26	4130	- Aspen		Sapling	Well	25.9	14	Immature	N/A		2015 - Planted hunter walking trail to clover. Planted 9 dolgo		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	crabapples.2014 - installe gate, planted 50 crabapples, 5 apple trees, 10 nannyberry, 5 red oak, 4 mountain ash. Mowed hunter		
	Red Maple	2	Sapling/Pole	e 3		Bals	sam Fir	Low	Variable	Variable	walking trail.OPIC - FMD: High volume high quality aspen stand.		
	Paper Birch	2	Sapling/Pole	e 3		Suga	ar Maple	Trace	< 5 feet	< 5 feet	East part of stand is almost pure aspen, west portion contains the mix		
	Quaking Aspen	43	Sapling/Pole	e 3	14			,			of the other species. This part also contains pockets of fairly good maple regeneration. Due to the proximity to another final harvest in		
	Bigtooth Aspen	40	Sapling/Pole	e 3							the adjacent compartment, harvesting plans will be modified to satisf		
	Balsam Poplar	10	Sapling/Pole	e 3							"green up" requirements for certification. 2008- That portion of the		
	Balsam Fir	3	Sapling/Pole	e 3							stand west of PBR is not included in the sale and will serve as retention. "Green up" requirements for certification (see above		
	6420 Lo	wland Ceda		D. J. ations h	\ \ \ - \ \	20.0	120	204	N/A		regeneration on the adjacent sale so the sale does not need to be modified along the northern boundary. 2011-Treated by Minerick under contract # 01-08-01. Fully regenerated to aspen.2016 inventory: fully stocked 7' aspen stand.		
27				Poletimb		26.0	130	201+	N/A		Lowland cedar stand with transition zone of fir on western edge, wet.		
	Canopy Species		Size Class		Age		opy Species		Avg. Height	Size	Trace amount of aspen, BAM, and black ash.		
	Black Spruce	5	Pole/Log	9			sam Fir	Medium	Variable	Variable			
No	orthern White Cedar	94	Pole	9	130	Northern	White Cedar	Trace	Variable	Variable			
	Tamarack	1	Pole/Log	9									
28	6118 - Lowland D	eciduous w	ith Cedar	Sawtimb		6.2	108	81-110	N/A		Ash is falling out BA is variable. (2025)Small pocket of cedar with		
	Canopy Species		Size Class		Age		opy Species		Avg. Height	Size	Transfer apiana. Trotain pooreer of anique habitat.		
	Red Maple	50	Log/Pole	11	108		ım Poplar	Low	Variable	Variable			
	Yellow Birch	3	Log/Pole	11			ick Ash	Medium	Variable	Variable			
	Quaking Aspen	5	Log/Pole	10			sam Fir	Medium	Variable	Variable			
	Balsam Poplar	2	Log/Pole	12		Black	k Spruce	Low	Variable	Variable			
No	orthern White Cedar	20	Pole	8									

Black Ash

20

Log/Pole

10

Quaking Aspen

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Stand	Level 4 Co	Level 4 Cover Type Size Density Acres Stand Age BA		A Range	Managed	Site	General Comments				
29	4130	- Aspen	P	oletimb	er Well	15.8 43	3	51-80	N	/A	Wet ground. Trace amount of paper birch, white spruce, and black
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy S	pecies	Density	Avg. Height	Size	spruce. (2025)OPIC - FMD: Cut under permit # 19-88-1. Aspen is 2-4" dbh, 20-30' tall.5/26/2016 Field notes: Becoming a pole
	Quaking Aspen	75	Pole	5	43	Balsam F	ir	Medium	Variable	Variable	stand. Low ground and seeps, especially along access trail. Old trail
	Balsam Poplar	15	Pole	5		Black Cher	rry	Trace	Variable	Variable	has big ruts. Winter ground.
	Balsam Fir	10	Pole	6		Ironwood	l	Trace	Variable	Variable	
						Red Mapl	е	Trace	Variable	Variable	
						Tag Alde	r	Low	5 - 10 feet	5 - 10 feet	
30	6122 - BI	ack Spruce	; P	oletimb	er Well	98.5 10	6	81-110	N/	/A	OPIC - FMD: SCA-This is a new SCA consisting of a low, wet, conifer
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy S	pecies	Density	Avg. Height	Size	swamp with small flowage. Retain as biodiverstiy maintenance zone to protect riparian values along the small stream.Trace amount of
	Red Maple	1	Log/Pole	10		Black Spru	се	Low	Variable	Variable	large sugar maple and white spruce on edges.
	Quaking Aspen	1	Log	12		Balsam F	ir	Low	Variable	Variable	
	Black Spruce	63	Pole	7	106	Red Mapl	е	Low	Variable	Variable	
No	rthern White Cedar	10	Log/Pole	10		Tag Alde	r	Medium	5 - 10 feet	5 - 10 feet	
	Tamarack	25	Pole	7							
31	42200 - Natu	ıral White F	Pine S	awtimb	er Well	9.9 91	l 1	111-140	N	/A	OPIC - FMD: Treated under permit #015-92-01. Trace amount of
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy S	pecies	Density	Avg. Height	Size	pole sized aspen, paper birch and black spruce
	Red Maple	5	Pole	7		Balsam F	ir	High	Variable	Variable	
	White Pine	64	XLog/Log/Pole	18	91	Red Mapl	е	Low	Variable	Variable	
	Red Pine	30	XLog/Log/Pole	18		Paper Bird	ch	Trace	Variable	Variable	
	Jack Pine	1	Pole	7		Quaking As _l	pen	Low	Variable	Variable	
32	6120 - Lov	wland Ceda	ar P	oletimb	er Well	60.4 12	0 1	111-140	N/	/A	Trace amount of quaking aspen. (2025)
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy S	pecies	Density	Avg. Height	Size	
	Red Maple	2	Log/Pole	12		Quaking As _l	pen	Trace	Variable	Variable	
	Paper Birch	3	Pole/Log	8		Balsam F	ir	Medium	Variable	Variable	
	Balsam Poplar	2	Log/Pole	10		Red Mapl	е	Low	Variable	Variable	
	Black Spruce	18	Pole/Log	8		Tag Alde	r	Medium	5 - 10 feet	5 - 10 feet	
No	rthern White Cedar	50	Pole/Log	9	120	Black Spru	се	Low	Variable	Variable	
	Black Ash	25	Pole	6							
33	4110 - Sugar M	laple Asso	ciation Sa		er Poor	7.2 18	8	1-50		/A	Lots of good established regeneration. 25% canopy closure. (2025)Cut in 2020.OPIC - FMD: This is a two-aged stand with
	Canopy Species		Size Class		Age	Sub-Canopy S	•	Density	Avg. Height		large remnant white pine, yellow birch, sugar maple, and hemlock
	Sugar Maple	83	Log/XLog	15	188	Sugar Map		High	< 5 feet	< 5 feet	over mixed hardwood poles-mainly soft maple and sugar maple.
	Yellow Birch	10	Log	10		Red Mapl		Medium	10 - 20 feet	10 - 20 feet	Regeneration carpets the forest floor at a height of 12"-18" but does not get any taller.
	White Pine	2	Log/XLog	16		Wild Red Rasp		Medium	5 - 10 feet	5 - 10 feet	
	Hemlock	5	Log/XLog	15		Yellow Bird	ch	Low	< 5 feet	< 5 feet	

Trace

Variable

Variable

7 - Stands Compartment: 51 Year of Entry: 2027

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Stand	Level 4 C	el 4 Cover Type Size Density Acres Stand Age BA Range Managed Site		Site	General Comments						
34	4130	- Aspen	P	oletimb	er Well	26.5	26	1-50	N/A	Α	OPIC - FMD: Cut under permit 12-98-01 in 1999. Good aspen
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	pole size.
	Red Maple	10	Sapling/Pole	4		Bla	ck Ash	Trace	Variable	Variable	
	Paper Birch	2	Sapling/Pole	4		Bals	sam Fir	Medium	Variable	Variable	
	Quaking Aspen	83	Sapling/Pole	4	26	Suga	ar Maple	Trace	Variable	Variable	
	Balsam Fir	5	Pole/Sapling	5		Red	l Maple	Medium	Variable	Variable	
						Pap	er Birch	Low	Variable	Variable	
						Тақ	g Alder	Trace	5 - 10 feet	5 - 10 feet	
35	6120 - Lo	wland Ceda	ır S	Sawtimb	er Well	28.5	160	201+	N/A	\	Trace amount of black ash and white pine in canopy. Upland cedar on
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	north side with hemlock, red maple and yellow birch mixed in (2025).
	Red Maple	2	Log/XLog	15			g Alder	Low	5 - 10 feet	5 - 10 feet	
	Yellow Birch	2	Log/XLog	15		Bals	sam Fir	Medium	Variable	Variable	
	Balsam Poplar	2	Log/XLog	15							
	Black Spruce	10	Log/Pole	10							
No	rthern White Cedar	83	Log/Pole	10	160						
	Hemlock	1	Log/XLog	15							
36	6122 - B	lack Spruce	: S	apling N	/ledium	392.9	100		N/A	A	ERA: Landon Lake Poor Conifer Swamp. Some areas more pole size
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	than others. (2025)
	Black Spruce	95	Sapling/Pole	3	100	Black	Spruce	Medium	< 5 feet	< 5 feet	
	Tamarack	5	Sapling/Pole	3							_
37	4130	- Aspen		Sapling	Well	39.5	4		N/A	١	Stand was harvested in 2020.Planted numerous shrubs, planted to
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	rye in 2013, planted to clover in 2014. Installed gates. Annual mowing, fertilize, and frost seeding. CR438 Hunter Walking
	Red Maple	10	Sapling	1		Iro	nwood	Low	< 5 feet	< 5 feet	Trail.OPIC - FMD: Final harvest with retention per GEMS
	Paper Birch	2	Sapling	1						1	guidelines. Retain large super canopy white spruce.
	Quaking Aspen	63	Sapling	1	4						
	Balsam Poplar	20	Sapling	1							
	Black Cherry	5	Sapling	1							
38	4130	- Aspen	P	oletimb	er Well	16.2	34	111-140	N/A	\	Open/thin stocking area on north side filled with sparse BAM and
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	spruce. Quite a few old cedar stumps present but looks to be upland. Like many of the thin areas nearby this area just didn't regenerate wel
	Red Maple	2	Pole	6		Blacl	c Cherry	Low	Variable	Variable	to aspen. (2025)OPIC - FMD: Cut under permit # 19-88-1. Aspen
	Quaking Aspen	85	Pole	7	34	Iro	nwood	Low	Variable	Variable	is 2-4" dbh, 20-30' tall.5/27/16 Field notes: Low seeps on north
	Balsam Poplar	10	Pole	7		Bals	sam Fir	Low	Variable	Variable	side. Road is low, full of tag alder and standing water. Access road to 29, 81, 80, 38 has one creek/tributary crossing to the west (stand
	Balsam Fir	3	Pole	6		Suga	ar Maple	Trace	Variable	Variable	29), and one to south of this stand (stand 30). Winter ground.
						Red	Maple	Low	Variable	Variable	
39	6239 - Mixed E	mergent W	etland	Nor	ne	3.9			No)	OPIC - FMD: Beaver Flooding 2016-former beaver flooding.



tand Level 4 Cov		over Type	Size Density		Acres	Stand Age B	Range Managed Site			General Comments				
40	6120 - Lov	vland Ceda	ar Pole	etimber	Mediun	n 94.0	97	81-110	N/A		OPIC - FMD: Sparse and thick areas. Small streams in the stand			
Can	opy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	connect Landon Lake and Chandler Brook. This stand is biodiversity stewardship for those riparian values. Thick cedar patches and thin			
Pap	per Birch	2	Log/Pole	10		Northern	White Cedar	Trace	< 5 feet	< 5 feet	areas with other species such as black spruce and tamarack. Most			
Blac	ck Spruce	8	Pole	8		Ta	g Alder	High	5 - 10 feet	5 - 10 feet	trees are small and poor timber quality. A couple of small upland			
Northerr	n White Cedar	85	Log/Pole	12	97						islands in this stand with hardwood are very remote. Some areas poorly stocked with trees contain thick alder may have been flooded			
Bla	lack Ash	5	Pole	6							by beaver in the distant past. Area included in this stand south of			
											hardwood in NW1/4 becomes upland but contains cedar. 2015; Stand not visited due to time constraints. Previous inventory very reliable.			
41	4130 -	- Aspen	Po	oletimbe	er Well	15.7	32	81-110	N/A		CR 438 Hunter Walking Trail: Planted numerous shrubs, planted to			
Can	nopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	rye in 2013, planted to clover in 2014. Installed gates. Annual mowing, fertilize, and frost seeding. OPIC - FMD: Cut under			
Pap	per Birch	5	Pole/Sapling	5		Bal	sam Fir	Medium	Variable	Variable	permit # 38-88-1, aspen has regenerated nicely and is 15-25' tall.			
Quak	king Aspen	80	Pole/Sapling	7	32	Blac	k Spruce	Trace	Variable	Variable				
Balsa	sam Poplar	10	Pole	8		Sug	ar Maple	Low	Variable	Variable	Trace red pine and white spruce in the canopy. (2025)			
Ва	alsam Fir	2	Pole	6		Red	d Maple	High	Variable	Variable				
Wh	hite Pine	1	XLog/Log	19		Pap	er Birch	Low	Variable	Variable				
Blad	ck Cherry	2	Pole/Sapling	5		Iro	nwood	Medium	Variable	Variable				
42	3102	- Grass		Non	е	3.1			Yes		Opening cultivated according to GEMS plan. Opening cultivated in			
	3102 - 4119 - Mixed No		dwoods Sa	Non awtimbe		5.2	106	81-110	Yes N/A		2019, 2021, 2022.Opening mowed to maintain in 2023, 2024. Thinned in 2020. Trace amount of super canopy XL white pine.			
43 4		rthern Har	dwoods Sa		er Well	5.2	106	81-110 Density			2019, 2021, 2022.Opening mowed to maintain in 2023, 2024. Thinned in 2020. Trace amount of super canopy XL white pine. (2025)OPIC - FMD: Poor timber quality larger red maple and			
43 ⁴	4119 - Mixed No	rthern Har		awtimbe	er Well	5.2 Sub-Car			N/A		2019, 2021, 2022. Opening mowed to maintain in 2023, 2024. Thinned in 2020. Trace amount of super canopy XL white pine.			
43 4 Can-	4119 - Mixed No	rthern Har	Size Class	awtimbe	er Well	5.2 Sub-Car	nopy Species	Density	N/A Avg. Height	Size	2019, 2021, 2022. Opening mowed to maintain in 2023, 2024. Thinned in 2020. Trace amount of super canopy XL white pine. (2025) OPIC - FMD: Poor timber quality larger red maple and yellow birch. Possible to thin with compartment to north to get larger sale. Some areas not stocked well with hardwood but thick fir under. Good potential for red maple to improve but many cull trees here.			
43 4 Can	4119 - Mixed No nopy Species gar Maple	rthern Hard	Size Class Log/Pole	awtimbe	Age	5.2 Sub-Car Bal Sug	nopy Species sam Fir	Density Low	N/A Avg. Height Variable	Size Variable	2019, 2021, 2022. Opening mowed to maintain in 2023, 2024. Thinned in 2020. Trace amount of super canopy XL white pine. (2025) OPIC - FMD: Poor timber quality larger red maple and yellow birch. Possible to thin with compartment to north to get larger sale. Some areas not stocked well with hardwood but thick fir under. Good potential for red maple to improve but many cull trees here. Good wildlife stand with hemlock, den trees, large diameter hardwood.			
43 4 Can Sug Re	4119 - Mixed No nopy Species gar Maple ed Maple	rthern Hard % Cover 5 74	Size Class Log/Pole Log/Pole	awtimbe DBH	Age	5.2 Sub-Car Bal Sug	nopy Species sam Fir ar Maple	Density Low Low	N/A Avg. Height Variable Variable	Size Variable Variable	2019, 2021, 2022. Opening mowed to maintain in 2023, 2024. Thinned in 2020. Trace amount of super canopy XL white pine. (2025) OPIC - FMD: Poor timber quality larger red maple and yellow birch. Possible to thin with compartment to north to get larger sale. Some areas not stocked well with hardwood but thick fir under. Good potential for red maple to improve but many cull trees here. Good wildlife stand with hemlock, den trees, large diameter hardwood Access not good enough for sale alone at this time. Will cut with stand to the north. Underplant hemlock for diversity after harvest by wildlife			
43 4 Can Sug Re Yell	4119 - Mixed No nopy Species gar Maple ed Maple llow Birch	rthern Hard **Cover 5 74 1	Size Class Log/Pole Log/Pole Log	awtimbe DBH 11 11 13	Age	5.2 Sub-Car Bal Sug	nopy Species sam Fir ar Maple d Maple	Low Low Low	N/A Avg. Height Variable Variable Variable	Size Variable Variable Variable	2019, 2021, 2022. Opening mowed to maintain in 2023, 2024. Thinned in 2020. Trace amount of super canopy XL white pine. (2025) OPIC - FMD: Poor timber quality larger red maple and yellow birch. Possible to thin with compartment to north to get larger sale. Some areas not stocked well with hardwood but thick fir under. Good potential for red maple to improve but many cull trees here. Good wildlife stand with hemlock, den trees, large diameter hardwood. Access not good enough for sale alone at this time. Will cut with stand to the north. Underplant hemlock for diversity after harvest by wildlife division. Summer log if possible. 2009: Prepared as #029-07-02 "Half"			
43 4 Can Sug Re Yell Pap Northerr	4119 - Mixed No nopy Species gar Maple ed Maple llow Birch per Birch	**Thern Hard ** **Cover** 5	Size Class Log/Pole Log/Pole Log Log/Pole	DBH 11 11 13 10	Age	5.2 Sub-Car Bal Sug	nopy Species sam Fir ar Maple d Maple	Low Low Low	N/A Avg. Height Variable Variable Variable	Size Variable Variable Variable	2019, 2021, 2022. Opening mowed to maintain in 2023, 2024. Thinned in 2020. Trace amount of super canopy XL white pine. (2025) OPIC - FMD: Poor timber quality larger red maple and yellow birch. Possible to thin with compartment to north to get larger sale. Some areas not stocked well with hardwood but thick fir under. Good potential for red maple to improve but many cull trees here. Good wildlife stand with hemlock, den trees, large diameter hardwood. Access not good enough for sale alone at this time. Will cut with stand to the north. Underplant hemlock for diversity after harvest by wildlife			
43 4 Can Sug Re Yell Pap Northerr	4119 - Mixed No nopy Species gar Maple ed Maple llow Birch per Birch n White Cedar	74 1 5 10	Size Class Log/Pole Log/Pole Log Log/Pole Log/Pole Log/Pole	DBH 11 11 13 10 10 10	Age 106	5.2 Sub-Car Bal Sug	nopy Species sam Fir ar Maple d Maple	Low Low Low	N/A Avg. Height Variable Variable Variable	Size Variable Variable Variable	Thinned in 2020. Trace amount of super canopy XL white pine. (2025)OPIC - FMD: Poor timber quality larger red maple and yellow birch. Possible to thin with compartment to north to get larger sale. Some areas not stocked well with hardwood but thick fir under. Good potential for red maple to improve but many cull trees here. Good wildlife stand with hemlock, den trees, large diameter hardwood. Access not good enough for sale alone at this time. Will cut with stand to the north. Underplant hemlock for diversity after harvest by wildlife division. Summer log if possible. 2009: Prepared as #029-07-02 "Half 'N Half" sale, but never cut. No underplanting done either.			
43 4 Can- Sug Re Yell Par Northerr	4119 - Mixed No nopy Species gar Maple ed Maple llow Birch per Birch n White Cedar	74 1 5 10 5	Size Class Log/Pole Log/Pole Log Log/Pole Log/Pole Log/Pole	DBH 11 11 13 10 10 15	Age 106	5.2 Sub-Car Bal Sug. Rec Wild Re	nopy Species sam Fir ar Maple d Maple	Low Low Low	N/A Avg. Height Variable Variable Variable < 5 feet	Size Variable Variable Variable	Thinned in 2020. Trace amount of super canopy XL white pine. (2025)OPIC - FMD: Poor timber quality larger red maple and yellow birch. Possible to thin with compartment to north to get larger sale. Some areas not stocked well with hardwood but thick fir under. Good potential for red maple to improve but many cull trees here. Good wildlife stand with hemlock, den trees, large diameter hardwood. Access not good enough for sale alone at this time. Will cut with stand to the north. Underplant hemlock for diversity after harvest by wildlife division. Summer log if possible. 2009: Prepared as #029-07-02 "Half 'N Half" sale, but never cut. No underplanting done either. Tree bog with small pond. Some merchantable trees on edge. Mostly black spruce. Aspen, cedar, white pine, and tamarack also present on			
43 4 Can- Sug Re Yell Par Northerr	4119 - Mixed No nopy Species gar Maple ed Maple llow Birch per Birch n White Cedar	74 1 5 10 5	Size Class Log/Pole Log/Pole Log Log/Pole Log/Pole Log/Pole	DBH 11 11 13 10 10 15	Age 106	5.2 Sub-Car Bal Sug: Rec Wild Re	sam Fir ar Maple d Maple d Raspberry	Density Low Low Low Medium	N/A Avg. Height Variable Variable Variable < 5 feet	Size Variable Variable Variable < 5 feet	Thinned in 2020. Trace amount of super canopy XL white pine. (2025)OPIC - FMD: Poor timber quality larger red maple and yellow birch. Possible to thin with compartment to north to get larger sale. Some areas not stocked well with hardwood but thick fir under. Good potential for red maple to improve but many cull trees here. Good wildlife stand with hemlock, den trees, large diameter hardwood. Access not good enough for sale alone at this time. Will cut with stand to the north. Underplant hemlock for diversity after harvest by wildlife division. Summer log if possible. 2009: Prepared as #029-07-02 "Half 'N Half" sale, but never cut. No underplanting done either.			
43 4 Can- Sug Re Yell Par Northerr	4119 - Mixed No nopy Species gar Maple ed Maple llow Birch per Birch n White Cedar	74 1 5 10 5	Size Class Log/Pole Log/Pole Log Log/Pole Log/Pole Log/Pole Log/Pole	DBH 11 11 13 10 10 15 Non	Age 106 e	5.2 Sub-Car Bal Sug: Rec Wild Re	nopy Species sam Fir ar Maple d Maple d Raspberry	Density Low Low Low Medium Density	N/A Avg. Height Variable Variable Variable < 5 feet No Avg. Height	Size Variable Variable Variable < 5 feet Size < 5 feet	Thinned in 2020. Trace amount of super canopy XL white pine. (2025)OPIC - FMD: Poor timber quality larger red maple and yellow birch. Possible to thin with compartment to north to get larger sale. Some areas not stocked well with hardwood but thick fir under. Good potential for red maple to improve but many cull trees here. Good wildlife stand with hemlock, den trees, large diameter hardwood. Access not good enough for sale alone at this time. Will cut with stand to the north. Underplant hemlock for diversity after harvest by wildlife division. Summer log if possible. 2009: Prepared as #029-07-02 "Half" N Half" sale, but never cut. No underplanting done either. Tree bog with small pond. Some merchantable trees on edge. Mostly black spruce. Aspen, cedar, white pine, and tamarack also present on edges. (2025) ERA: Landon Lake Pines Dry-mesic Northern Forest. Lots of standing			
43 4 Can Sug Re Yell Pap Northerr H	4119 - Mixed No nopy Species gar Maple ed Maple llow Birch sper Birch n White Cedar demlock	rthern Hard % Cover 5 74 1 5 10 5 reed Bog	Size Class Log/Pole Log/Pole Log Log/Pole Log/Pole Log/Pole Log/Pole	DBH 11 11 13 10 10 15 Non	Age 106 e	5.2 Sub-Car Bal Sug: Rec Wild Re 26.6 Sub-Car Blac 21.7	nopy Species sam Fir ar Maple d Maple d Raspberry nopy Species k Spruce	Density Low Low Low Medium Density High	N/A Avg. Height Variable Variable Variable < 5 feet No Avg. Height < 5 feet	Size Variable Variable Variable < 5 feet Size < 5 feet	Thinned in 2020. Trace amount of super canopy XL white pine. (2025)OPIC - FMD: Poor timber quality larger red maple and yellow birch. Possible to thin with compartment to north to get larger sale. Some areas not stocked well with hardwood but thick fir under. Good potential for red maple to improve but many cull trees here. Good wildlife stand with hemlock, den trees, large diameter hardwood Access not good enough for sale alone at this time. Will cut with stand to the north. Underplant hemlock for diversity after harvest by wildlife division. Summer log if possible. 2009: Prepared as #029-07-02 "Half' N Half" sale, but never cut. No underplanting done either. Tree bog with small pond. Some merchantable trees on edge. Mostly black spruce. Aspen, cedar, white pine, and tamarack also present on edges. (2025) ERA: Landon Lake Pines Dry-mesic Northern Forest. Lots of standing dead/fallen fir on edges with raspberry. Trace amount of red maple in			
43 4 Can Sug Re Yel Pap Northerr H 44 45	4119 - Mixed No nopy Species gar Maple ed Maple llow Birch nper Birch n White Cedar Hemlock 6224 - T	rthern Hard % Cover 5 74 1 5 10 5 reed Bog	Size Class Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole Size Class	DBH 11 11 13 10 10 15 Non	Age 106 e	5.2 Sub-Car Bal Sugg. Rec Wild Re 26.6 Sub-Car Blac 21.7 Sub-Car	nopy Species sam Fir ar Maple d Maple d Raspberry nopy Species k Spruce	Density Low Low Low Medium Density High	N/A Avg. Height Variable Variable Variable < 5 feet No Avg. Height < 5 feet	Size Variable Variable Variable < 5 feet Size < 5 feet	Thinned in 2020. Trace amount of super canopy XL white pine. (2025)OPIC - FMD: Poor timber quality larger red maple and yellow birch. Possible to thin with compartment to north to get larger sale. Some areas not stocked well with hardwood but thick fir under. Good potential for red maple to improve but many cull trees here. Good wildlife stand with hemlock, den trees, large diameter hardwood Access not good enough for sale alone at this time. Will cut with stand to the north. Underplant hemlock for diversity after harvest by wildlife division. Summer log if possible. 2009: Prepared as #029-07-02 "Half" N Half" sale, but never cut. No underplanting done either. Tree bog with small pond. Some merchantable trees on edge. Mostly black spruce. Aspen, cedar, white pine, and tamarack also present on edges. (2025) ERA: Landon Lake Pines Dry-mesic Northern Forest. Lots of standing			
43 4 Can Sug Re Yell Pap Northerr H 44 45 Can Pap	4119 - Mixed No nopy Species gar Maple ed Maple llow Birch oper Birch on White Cedar Hemlock 6224 - T	rthern Hard **Cover* 5	Size Class Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole Log Size Class	DBH 11 11 13 10 10 15 Non	Age 106 e	5.2 Sub-Car Bal Sug. Rec Wild Re 26.6 Sub-Car Blac 21.7 Sub-Car Wh	nopy Species sam Fir ar Maple d Maple d Raspberry nopy Species k Spruce 160 nopy Species	Density Low Low Medium Density High 81-110 Density	N/A Avg. Height Variable Variable Variable < 5 feet No Avg. Height < 5 feet	Size Variable Variable Variable < 5 feet Size < 5 feet	Thinned in 2020. Trace amount of super canopy XL white pine. (2025)OPIC - FMD: Poor timber quality larger red maple and yellow birch. Possible to thin with compartment to north to get larger sale. Some areas not stocked well with hardwood but thick fir under. Good potential for red maple to improve but many cull trees here. Good wildlife stand with hemlock, den trees, large diameter hardwood Access not good enough for sale alone at this time. Will cut with stand to the north. Underplant hemlock for diversity after harvest by wildlife division. Summer log if possible. 2009: Prepared as #029-07-02 "Half" N Half" sale, but never cut. No underplanting done either. Tree bog with small pond. Some merchantable trees on edge. Mostly black spruce. Aspen, cedar, white pine, and tamarack also present on edges. (2025) ERA: Landon Lake Pines Dry-mesic Northern Forest. Lots of standing dead/fallen fir on edges with raspberry. Trace amount of red maple in			
43 4 Can Sug Re Yell Pay Northerr H 44 45 Can Pay Blace	4119 - Mixed No nopy Species gar Maple ed Maple llow Birch sper Birch n White Cedar demlock 6224 - T	rthern Hard **Cover* 5	Size Class Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole Log Size Class Log/Pole	### A STATE OF THE PROPERTY OF	Age 106 e	5.2 Sub-Car Bal Sugg Rec Wild Re 26.6 Sub-Car Blac 21.7 Sub-Car Wh Bal	nopy Species sam Fir ar Maple d Maple d Raspberry nopy Species k Spruce 160 nopy Species ite Pine	Density Low Low Low Medium Density High 81-110 Density Low	N/A Avg. Height Variable Variable Variable < 5 feet No Avg. Height < 5 feet N/A Avg. Height Variable	Size Variable Variable Variable < 5 feet Size < 5 feet Variable	Thinned in 2020. Trace amount of super canopy XL white pine. (2025)OPIC - FMD: Poor timber quality larger red maple and yellow birch. Possible to thin with compartment to north to get larger sale. Some areas not stocked well with hardwood but thick fir under. Good potential for red maple to improve but many cull trees here. Good wildlife stand with hemlock, den trees, large diameter hardwood Access not good enough for sale alone at this time. Will cut with stand to the north. Underplant hemlock for diversity after harvest by wildlife division. Summer log if possible. 2009: Prepared as #029-07-02 "Half' N Half" sale, but never cut. No underplanting done either. Tree bog with small pond. Some merchantable trees on edge. Mostly black spruce. Aspen, cedar, white pine, and tamarack also present on edges. (2025) ERA: Landon Lake Pines Dry-mesic Northern Forest. Lots of standing dead/fallen fir on edges with raspberry. Trace amount of red maple in			
43 4 Can Sug Re Yell Pay Northerr H 44 45 Can Pay Blac Northerr	4119 - Mixed No nopy Species gar Maple ed Maple llow Birch sper Birch n White Cedar demlock 6224 - T 42290 - Natur	7thern Hard 7 Cover 5 74 1 5 10 5 7reed Bog 7ral Mixed F 7 Cover 5 5	Size Class Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole Log Size Class Log/Pole Log/Pole	DBH	Age 106 e	5.2 Sub-Car Bal Sug. Rec Wild Re 26.6 Sub-Car Blac 21.7 Sub-Car Wh Bal Wild Re	nopy Species sam Fir ar Maple d Maple d Raspberry nopy Species k Spruce 160 nopy Species ite Pine sam Fir	Density Low Low Medium Density High 81-110 Density Low Low Low Low	N/A Avg. Height Variable Variable Variable < 5 feet No Avg. Height < 5 feet N/A Avg. Height Variable Variable Variable	Size Variable Variable Variable < 5 feet Size < 5 feet Variable Variable Variable	Thinned in 2020. Trace amount of super canopy XL white pine. (2025)OPIC - FMD: Poor timber quality larger red maple and yellow birch. Possible to thin with compartment to north to get larger sale. Some areas not stocked well with hardwood but thick fir under. Good potential for red maple to improve but many cull trees here. Good wildlife stand with hemlock, den trees, large diameter hardwood. Access not good enough for sale alone at this time. Will cut with stand to the north. Underplant hemlock for diversity after harvest by wildlife division. Summer log if possible. 2009: Prepared as #029-07-02 "Half' N Half" sale, but never cut. No underplanting done either. Tree bog with small pond. Some merchantable trees on edge. Mostly black spruce. Aspen, cedar, white pine, and tamarack also present on edges. (2025) ERA: Landon Lake Pines Dry-mesic Northern Forest. Lots of standing dead/fallen fir on edges with raspberry. Trace amount of red maple in			

Compartment: 51 Year of Entry: 2027



Stand	d Level 4 Cover Type S		Size Density		Acres Stand Age BA Range			Managed S	Site	General Comments	
46	4130	- Aspen		Sapling	Well	32.0	23 I	mmature	N/A	4	Trace amount of jack pine and oak in canopy. Very diverse stand.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	(2025)OPIC - FMD: Former white birch, aspen, and red and white pine stand. Stand was treated with a seed tree cut in 2001and 2002
	Red Maple	10	Sapling/Pole	2		Re	ed Pine	Low	Variable	Variable	by Usher under permit #007-98-01. 2016-There is a fair amount of
	Paper Birch	5	Sapling	2		Ва	lsam Fir	Low	Variable	Variable	white birch regen 5-15' tall especially on disturbed soil areas, but
	Quaking Aspen	52	Sapling/Pole	3	23	Wh	nite Pine	Medium	10 - 20 feet	10 - 20 feet	much of the stand has regenerated to quaking and bigtooth aspen.
	Bigtooth Aspen	10	Sapling/Pole	3		Wh	nite Pine	Low	< 5 feet	< 5 feet	
	Balsam Poplar	5	Sapling/Pole	3							
	White Pine	2	Sapling	2							
	White Pine	10	Log/Pole	13	70						
	Red Pine	1	Sapling	2							
	Black Cherry	5	Sapling	2							
47	4115 - Y.Birc	h, Hemlock	NH S	awtimbe	er Poor	4.3	110	1-50	N/A	Ą	Seed tree cut in 2020. Yellow birch seed trees left.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	OPIC - FMD: Stand is a mix of poor quality hardwoods, aspen, and a
	Yellow Birch	85	Log/Pole	10	110	Ва	lsam Fir	Low	Variable	Variable	few spruce and fir. Northern border with stand 28 is very indistinct.
	Paper Birch	10	Log/XLog	15		Bla	ack Ash	Low	Variable	Variable	2016 inventory: wetter, poor quality red maple. White cedar and black
No	rthern White Cedar	5	Log/Pole	10		Blac	ck Cherry	Trace	Variable	Variable	ash swale down middle. Moderate quality yellow birch.
						Sug	ıar Maple	Trace	Variable	Variable	
						Re	d Maple	Medium	5 - 10 feet	5 - 10 feet	
						Pap	oer Birch	Low	Variable	Variable	
						Та	ıg Alder	Low	< 5 feet	< 5 feet	
						Wild Re	ed Raspberry	Low	< 5 feet	< 5 feet	
						Car	ttail spp.	Low	Not Applicable	Not Applicable	
						R	ed Oak	Trace	Variable	Variable	
						Yell	ow Birch	Trace	Variable	Variable	
						Quak	ring Aspen	Low	Variable	Variable	
48	622 - Lov	vland Shrub)	Nor	е	3.1			No)	Culvert on west side by road, drains to the west.
49	4110 - Sugar N	laple Assoc	ciation S	Sawtimb	er Well	1.2	108	81-110	N/A	4	OPIC - FMD: Small patch of hardwood growing along aspen ridge.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	5/26/16 Field notes: somewhat wolfy sugar maple and overmature
	Sugar Maple	96	Log/Pole	12	108	Sug	ar Maple	Low	Variable	Variable	aspen. Good sugar maple regen. Average BA 80.
	Red Maple	1	Pole	8		Ва	lsam Fir	Medium	Variable	Variable	
	Paper Birch	2	Pole	6		Ва	lsam Fir	Low	>20 feet	>20 feet	
	Quaking Aspen	1	Log	15							



Stand	Level 4 Co	over Type	:	Size De	ensity	Acres	Stand Age I	BA Range	Managed S	Site	General Comments
50	6117 - Lowland [Coni	Deciduous, ferous	, Mixed P	oletimb	er Well	29.8	108	81-110	N/A	A	OPIC - FMD: Stand is quite variable, also contains cedar. Soils are saturated almost throughout the entire stand. Amost a P type. There
	Canopy Species	% Cover	Size Class	DBH	l Age						is a strip of tag alder running through the center of the stand with some kind of flowage.
	Sugar Maple	20	Pole/Sapling	6							oomo kina or nowago.
	Yellow Birch	2	Pole/Sapling	5							5/26/16 Field notes: Overmature aspen, paper birch, and white
	Paper Birch	15	Log/Pole	12							spruce are declining. SBW in the area. Good sugar maple regeneration: patches of seedlings and poles. Stand converting to
	Quaking Aspen	25	Log/Pole	12	108						northern hardwoods. Gentle slope (<10%) to creek. Seeps/very wet
	Balsam Fir	18	Pole/Sapling	5							spots occur in spots.
	White Spruce	10	Log/Pole	13							
51	6121 - T	amarack	Р	oletimb	er Poor	59.1	110	1-50	N/A	4	Very wet. Trees smaller around N type stand, i.e., stand 39. Trace
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	amount of aspen along the southern edges.
	Red Maple	1	Pole/Sapling	6		Cat	ail spp.	Low	Not Applicable	Not Applicable	
	Paper Birch	2	Pole/Sapling	6		Tag	g Alder	Medium	5 - 10 feet	5 - 10 feet	
	Black Spruce	20	Pole/Sapling	6				'			•
No	rthern White Cedar	17	Pole/Log	8							
	Tamarack	60	Pole/Sapling	6	110						
52	6132 - Mixed Lowla	nd Forest	with Cedar P	oletimb	er Poor	14.8	80	51-80	N/A	4	Very wet and breaking up (2025)OPIC - FMD: SCA-Retain as
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	opy Species	Density	Avg. Height	Size	biodiversity maintainance corridor along Chandler Brook. Mixed conifers consist of fir, black spruce, tamarack.5/26/16 Field Notes:
	Paper Birch	15	Log/Pole	10		Balsa	m Poplar	Low	Variable	Variable	Mostly lowland stream buffer. SBW initial stages observed in the area.
	Quaking Aspen	15	Log/Pole	12		Bal	sam Fir	Medium	Variable	Variable	
	Balsam Poplar	10	Log/Pole	12		Quaki	ng Aspen	Low	Variable	Variable	
	Black Spruce	30	Pole	8	80	Black	Spruce	Medium	Variable	Variable	
No	rthern White Cedar	20	Log	14		Suga	ar Maple	Low	Variable	Variable	
	Tamarack	5	Pole/Log	8		Red	l Maple	Low	Variable	Variable	
	Black Ash	5	Pole	6	108	Pap	er Birch	Low	Variable	Variable	
						Tag	g Alder	High	5 - 10 feet	5 - 10 feet	
						Bla	ck Ash	Low	Variable	Variable	
53	6130 - Fir, <i>F</i>	Aspen, Ma _l	ple	Sapling	g Well	23.6	25	1-50	N/A	A	This stand wasn't harvested with adjacent aspen stand. I believe this stand naturally regenerated to mostly red maple saplings as spruce
	Canopy Species	% Cover	Size Class	DBH	l Age		opy Species	Density	Avg. Height	Size	and fir fell out over time. (2025)
	Red Maple	46	Sapling	4	25	Black	k Spruce	Medium	Variable	Variable	, ,
	Paper Birch	5	Log/Pole	10							
	Quaking Aspen	5	Sapling	4							
	Balsam Poplar	2	Pole	8							
	Balsam Fir	10	Pole	8							
	White Spruce	2	Log	14							
	Black Spruce	15	Sapling	4							
	Tamarack	5	Log/Pole	12							
	White Pine	10	XLog	20	120						



Stand	l Level 4 Co	over Type	s	ize De	nsity	Acres	Stand Age	BA Range	Managed \$	Site	General Comments
54	6122 - Bla	ack Spruce	Pole	etimber	Mediur	n 88.7	70	1-50	N//	A	Low, extremely wet mixed swamp conifer. Based on site inspection
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	and area records, they likely re-entered this stand in the 50's, like many in the area, and cut the remaining clumps/merchantable
	Black Spruce	54	Pole	6	70	WI	nite Pine	Low	Variable	Variable	residual left from when the stand was originally cut. (2025)
No	rthern White Cedar	30	Log/Pole	10	120	Ta	marack	Low	Variable	Variable	
	Tamarack	10	Log/Pole	10		Re	ed Maple	Low	Variable	Variable	
	White Pine	5	Pole	8		Blad	ck Spruce	Medium	Variable	Variable	
	Red Pine	1	Log/Pole	15		Blad	ck Spruce	Medium	< 5 feet	< 5 feet	
55	4130 -	- Aspen	Pole	etimber	Mediur	n 13.7	49	81-110	N//	4	Winter cut. Lots of standing dead spruce and fir. Trace amount of iron
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	wood and cherry in canopy (2025)OPIC - FMD: Slow growing aspen stand, much of it with wet feet. 2016-Decent aspen on the side
	Sugar Maple	2	Log/Pole	10		Sug	gar Maple	Low	Variable	Variable	slope, smaller at the bottom.
	Red Maple	5	Pole	8		Sug	gar Maple	Low	Variable	Variable	
	Paper Birch	2	Pole/Log	8		Ва	lsam Fir	Medium	Variable	Variable	
	Quaking Aspen	71	Pole	9	49						_
	Balsam Poplar	10	Pole/Log	8							
	Balsam Fir	5	Pole	6							
	White Spruce	3	Pole	8							
No	rthern White Cedar	2	Pole/Log	9							
56	6120 - Lov	vland Ceda	ır Pole	etimber	Mediur	n 8.1	113	1-50	N/A	4	OPIC - FMD: Very wet, somewhat sparse cedar stand.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Balsam Fir	10	Sapling/Pole	2		Ва	lsam Fir	Medium	10 - 20 feet	10 - 20 feet	
	White Spruce	10	Sapling/Pole	2							
	Black Spruce	10	Pole	5							
No	rthern White Cedar	60	Log/Pole	10	113						
	Tamarack	10	Sapling/Pole	3							
57	6220 - Al	der/Willow		Nor	ne	15.8			No)	Very wet site. Diverse site with maple, birch, spruce, aspen, BAM, black ash, black spruce, and cedar. Lots of trees falling down. Lots of tag alder. (2025)OPIC - FMD: SCA-Tag alder and willow. Retain as biodiversity maintenance area to protect riparian values.
58	4130 -	- Aspen		Sapling	Well	4.8	4	Immature	N/A	Α	Cut in 2020. regenerated back to mostly aspen and a little red maple.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Trace amount of large super canopy maple, big tooth, and elmOPIC - FMD: Cut under permit 12-98-01 in 1999. Good aspen
	Red Maple	5	Sapling	1		Ва	lsam Fir	Low	Variable	Variable	regeneration.2016 inventory: aspen saplings transitioning to pole
	Quaking Aspen	45	Sapling	1	4						size.
			Sapling								



Stand	and Level 4 Cover Type Size Density		nsity	Acres Stand Age	Managed Site		General Comments					
59	4130	4130 - Aspen Sapling Wel Species % Cover Size Class DBH Age				36.0 14	Immature	N/A		2014 & 2015 - installed kiosk for grouse gem and improved		
	Canopy Species	% Cover	Size Class	DBH	Age					turnaround parking area. SE corner of this stand OPIC - FMD: Stand is composed of white birch, upland black spruce, fir, poor		
	Quaking Aspen	89	Sapling	3	14					quality soft maple and a few aspen. A lot of fir is dead and down.		
	Balsam Fir	2	Sapling/Pole	4						Most of the regeneration is black spruce and fir. Remove overstory.		
	White Spruce	2	Sapling/Pole	4						The stand should regenerate primarily to spruce/fir, with a mix of aspen, red maple, and possibly white pine. Aspen and white pine are		
	Black Spruce	2	Pole/Sapling	6						both acceptable regeneration alternatives. Harvesting will be		
	White Pine	3	Log	14						scheduled for the summer months. 2011-Cut by Jim Carey Logging under contract # 002-08-01.2016 inventory: WP/conifer retention		
	Black Cherry	2	Sapling	3						islands, moderate RM regen, and poor aspen regen on east (west-		
										facing slope) side of stand. Good aspen regen in remainder (2/3 of total area) of stand.		
61	4110 - Sugar N	/laple Asso	aple Association Sa			17.8 108	81-110	N/A		Thinned in 2020. Carpet of sugar maple seedlings. Did not see a		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	s Density	Avg. Height	Size	significant component of older saplings as noted in the past. My guess is that these areas were adversely impacted by harvest.		
	Sugar Maple	Maple 95		13 108		Balsam Fir	Low	Variable	Variable	(2025)OPIC - FMD: Cut under permit 12-98-01 in 1999. Stand is		
	Red Maple	5	Log/Pole	13		Sugar Maple	High	< 5 feet	< 5 feet	even-aged with very little regeneration, mostly ironwood. Dense raspberry regen. Some knee high pockets of sugar maple seedlings,		
						Sugar Maple	Low	Variable	Variable	but these are heavily browsed.2016 inventory: Richer site.		
						Wild Red Raspberry	High	< 5 feet	< 5 feet	Moderate quality sugar maple logs. South-facing slope has very little,		
					L	Ironwood	Medium	Variable	Variable	<3' browsed sugar maple regen. North-facing slope has almost continuous 6' tall, beautiful sugar maple regen.		
										Continuous o tail, beautiful sugai mapie regen.		
62	4116 - Mixed N.											
			'	awtimbe		4.5 108	111-140	N/A				
	Canopy Species	% Cover	Size Class	DBH		Sub-Canopy Species	s Density	Avg. Height	Size			
	Canopy Species Sugar Maple	% Cover	Size Class Log/Pole	DBH	Age	Sub-Canopy Species Balsam Fir	S Density Medium	Avg. Height Variable	Size Variable			
	Canopy Species Sugar Maple Red Maple	% Cover 5 60	Size Class Log/Pole Log/Pole	DBH 10 10		Sub-Canopy Species Balsam Fir Sugar Maple	Medium Trace	Avg. Height Variable Variable	Size Variable Variable			
	Canopy Species Sugar Maple Red Maple Yellow Birch	% Cover 5 60 3	Size Class Log/Pole Log/Pole Log/XLog	10 10 10 15	Age	Sub-Canopy Species Balsam Fir	S Density Medium	Avg. Height Variable	Size Variable			
	Canopy Species Sugar Maple Red Maple Yellow Birch Paper Birch	% Cover 5 60 3 2	Size Class Log/Pole Log/Pole Log/XLog Log/XLog	10 10 10 15 15	Age	Sub-Canopy Species Balsam Fir Sugar Maple	Medium Trace	Avg. Height Variable Variable	Size Variable Variable			
	Canopy Species Sugar Maple Red Maple Yellow Birch Paper Birch Bigtooth Aspen	% Cover 5 60 3 2 28	Size Class Log/Pole Log/Pole Log/XLog Log/XLog XLog/Log	10 10 15 15 19	Age	Sub-Canopy Species Balsam Fir Sugar Maple	Medium Trace	Avg. Height Variable Variable	Size Variable Variable			
	Canopy Species Sugar Maple Red Maple Yellow Birch Paper Birch	% Cover 5 60 3 2	Size Class Log/Pole Log/Pole Log/XLog Log/XLog	10 10 10 15 15	Age	Sub-Canopy Species Balsam Fir Sugar Maple	Medium Trace	Avg. Height Variable Variable	Size Variable Variable			
63	Canopy Species Sugar Maple Red Maple Yellow Birch Paper Birch Bigtooth Aspen Balsam Fir	% Cover 5 60 3 2 28	Size Class Log/Pole Log/Pole Log/XLog Log/XLog XLog/Log YLog/Pole	10 10 15 15 19	Age 108	Sub-Canopy Species Balsam Fir Sugar Maple	Medium Trace	Avg. Height Variable Variable	Size Variable Variable			
63	Canopy Species Sugar Maple Red Maple Yellow Birch Paper Birch Bigtooth Aspen Balsam Fir	% Cover	Size Class Log/Pole Log/Pole Log/XLog Log/XLog XLog/Log Pole	DBH	108 and the second seco	Sub-Canopy Species Balsam Fir Sugar Maple Red Maple	Medium Trace	Avg. Height Variable Variable Variable	Size Variable Variable Variable	Cut in 1995 under contract # 22-93-01, former birch/aspen stand. Stand consists of scattered aspen clones with occasional fir. Which		
	Canopy Species Sugar Maple Red Maple Yellow Birch Paper Birch Bigtooth Aspen Balsam Fir	% Cover	Size Class Log/Pole Log/Pole Log/XLog Log/XLog XLog/Log Pole	DBH	108 108 e	Sub-Canopy Species Balsam Fir Sugar Maple Red Maple	Medium Trace Trace	Avg. Height Variable Variable Variable No	Size Variable Variable Variable	Stand consists of scattered aspen clones with occasional fir. Whie		
	Canopy Species Sugar Maple Red Maple Yellow Birch Paper Birch Bigtooth Aspen Balsam Fir 6220 - A 4113 - R.M Canopy Species Red Maple	% Cover	Size Class Log/Pole Log/Pole Log/XLog Log/XLog XLog/Log Pole	DBH	108 eer Poor Age 29	Sub-Canopy Species Balsam Fir Sugar Maple Red Maple	Medium Trace Trace	Avg. Height Variable Variable Variable No	Size Variable Variable Variable	Stand consists of scattered aspen clones with occasional fir. Whie		
	Canopy Species Sugar Maple Red Maple Yellow Birch Paper Birch Bigtooth Aspen Balsam Fir 6220 - A 4113 - R.M Canopy Species Red Maple Paper Birch	% Cover	Size Class Log/Pole Log/XLog Log/XLog XLog/Log Pole Fer P Size Class Sapling/Pole Log/Pole	DBH	108 108 e	Sub-Canopy Species Balsam Fir Sugar Maple Red Maple	Medium Trace Trace	Avg. Height Variable Variable Variable No	Size Variable Variable Variable	Stand consists of scattered aspen clones with occasional fir. Whie birch did regenerate in patches but was browsed heavily by moose, as		
	Canopy Species Sugar Maple Red Maple Yellow Birch Paper Birch Bigtooth Aspen Balsam Fir 6220 - A 4113 - R.M Canopy Species Red Maple Paper Birch Balsam Fir	% Cover	Size Class Log/Pole Log/Pole Log/XLog Log/XLog XLog/Log Pole Size Class Sapling/Pole Log/Pole Pole	DBH	108 eer Poor Age 29	Sub-Canopy Species Balsam Fir Sugar Maple Red Maple	Medium Trace Trace	Avg. Height Variable Variable Variable No	Size Variable Variable Variable	Stand consists of scattered aspen clones with occasional fir. Whie birch did regenerate in patches but was browsed heavily by moose, as		
	Canopy Species Sugar Maple Red Maple Yellow Birch Paper Birch Bigtooth Aspen Balsam Fir 6220 - A 4113 - R.M Canopy Species Red Maple Paper Birch	% Cover	Size Class Log/Pole Log/XLog Log/XLog XLog/Log Pole Fer P Size Class Sapling/Pole Log/Pole	DBH	108 eer Poor Age 29	Sub-Canopy Species Balsam Fir Sugar Maple Red Maple	Medium Trace Trace	Avg. Height Variable Variable Variable No	Size Variable Variable Variable	Stand consists of scattered aspen clones with occasional fir. Whie birch did regenerate in patches but was browsed heavily by moose, as		



Stand	Stand Level 4 Cover Type Size Density				nsity			nge Managed Site		General Comments			
65	4134 - Aspe	Fir Sa	wtimber	Medium	13.1 61	51-80	N/A	1	Spruce budworm wiped out understory spruce and balsam. Almost all				
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	balsam fir and white spruce understory sapling/poles standing dead or on the ground. This was cut by Bianchi Bros in the early 60s			
	Red Maple	5	Log/Pole	12		Red Maple	High	Variable	Variable	(2025)Widely scattered big W. Pine 20-24" over thick 6" dbh 2-			
	Quaking Aspen	63	Log	12	61					stick fir with black spruce poles. Scattered aspen, cedar, white birch.			
	White Spruce	2	Log	12						"Island" of upland in a treed bog. Evidence of old burn, which corresponds with the age of the fir. Former SCA nomination.			
	Black Spruce	25	Log/Pole	10						our soperate man are age or and are removed to remain and a			
	White Pine	5	XLog	25									
66	4113 - R.Ma	aple, Coni	fer F	Poletimb	er Well	14.3 50	81-110	N/A	1	Stream/low area through middle of stand. (2025)Heavily cutover			
	Canopy Species	% Cover	Size Class	ass DBH Age		Sub-Canopy Species	Density	Avg. Height	Size	hw stand with wp, h components. Multistep rm, sm sap/poles. Good diversity of species. Seep along access Rd. Not ready for			
	Sugar Maple	10	Log/Pole	15	188	Balsam Fir	Medium	Variable	Variable	management. Favor yb, h.OPIC - FMD: Stand was cut hard las			
	Red Maple	53	Pole/Log	8	50	Sugar Maple	Low	< 5 feet	< 5 feet	treatment period, regenerating very well to soft maple.			
	Yellow Birch	5	Pole	6		Red Maple	Low	Variable	Variable				
	Paper Birch	5	Pole/Log	8		Tag Alder	Low	5 - 10 feet	5 - 10 feet				
	Balsam Fir	10 P		6						_			
No	rthern White Cedar	2	Log/Pole	10									
	White Pine	5	XLog	25									
	Hemlock	10	Log/XLog	15									
67		edar		Sawtimb			141-170	N/A		Pockets of upland cedar throughout. NW corner has more BF understory but is almost all standing dead. (2025)"Island" of hardwood surrounded by wet swamp. High water levels prevented			
	Canopy Species		Size Class			Sub-Canopy Species	Density	Avg. Height	Size	onsite review. Older OIPC comments as follows: Cut about 1961. Lo			
	Sugar Maple	10	Log/Pole	10		Balsam Fir	Low	>20 feet	>20 feet	of residual left then. Areas of large hardwood. Aspen and Balm areas			
	Red Maple	14	Log/Pole	10		Balsam Poplar	Low	Variable	Variable	mature but younger. Could CC or thin.			
	Paper Birch	35	Log	14	64	Hazelnut (Spp.)	Medium	< 5 feet	< 5 feet				
	Balsam Poplar	15	Log/Pole	13		Sugar Maple	Medium	Variable	Variable				
	White Spruce	2	Log/Pole	14		Red Maple	Medium	Variable	Variable				
	Black Spruce	2	Log/Pole	10		Ironwood	Low	Variable	Variable				
No	rthern White Cedar	20	Log	15	120								
68	4130 -	Aspen	F	Poletimb	er Well	24.3 37	81-110	N/A	1	Cut in 1987. Small opening 0.9 acres on west side. (W32-352:			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	reseeded 8/1990 (0.9 acres) Opening has grown in and is mostly saplings. (2025)			
	Quaking Aspen	80	Pole	7	37	Balsam Fir	Low	Variable	Variable	- capgo: (2020)			
	Balsam Poplar	10	Pole	7		Red Maple	Low	Variable	Variable				
	Balsam Fir	5	Pole	8		Black Cherry	Low	Variable	Variable				
	White Spruce	2	Pole	8			,		,	→			
	Black Spruce	1	Pole	8									
	Black Cherry	2	Sapling/Pole	4									



Stand	d Level 4 Co	over Type	;	Size De	nsity	Acres	Stand Age B	A Range	Managed Si	ite	General Comments
69	6120 - Lov	vland Ceda	ar Pol	etimber	Mediun	n 107.0	151	81-110	N/A		Trace super canopy white pine. Diverse stand. Some areas a little
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	higher with some aspen and maple but are still low and mixed with cedar and other lowland species. (2025)OPIC - FMD: Mix of cedar
	Red Maple	5	Log/Pole	10		Bal	sam Fir	Medium	Variable	Variable	and other lowland conifer. Cedar occurs in pure stands not typed or
	Yellow Birch	1	Log	15		Та	g Alder	Medium	5 - 10 feet	5 - 10 feet	separately here but also fir,spruce,tamarack,balm, and w.birch. Ced
	Paper Birch	3	Log/Pole	10							is more north part of stand where it gets wider between upland and Chandler Brook. Some larger white pines in areas especially along
	Quaking Aspen	3	Log/Pole	14							upland edges. Alder thick in areas especially where overstory is sca
	Balsam Poplar	1	Log/Pole	12							Chandler brook riparian values protected with this stand. 2015: Lot
	Black Spruce	5	Pole	9							of standing water.
No	orthern White Cedar	78	Pole/Log	9	151						
	Tamarack	2	Pole	8							
	Hemlock	2	Log	15							
70	42330 -	Upland Fir	Р	oletimb	er Poor	5.8	34	1-50	N/A		OPIC - FMD: Originally part of stand 38, this is a fringe of fir and w
	Canopy Species	% Cover	Size Class	DBH	Age						spruce that did not regenerate to aspen. Si from stand 38.
	Red Maple	5	Pole	5							
	Balsam Fir	82	Pole	8	34						
	White Spruce	2	Pole	6							
	Black Spruce	1	Pole	6							
	Black Cherry	10	Sapling/Pole	4							
71	4319 - Mixed	Upland Fo	orest P	oletimb	er Poor	3.9	34	1-50	N/A		Looks like another area that didn't regenerate well to aspen.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	(2025)OPIC - FMD: High knob of stand 38 that did not regenerate to aspen. U is mostly cherry brush, small fir and raspberry.
	Red Maple	00	Sapling	_							to dopon. O is mostly broom, small in and raspoorty.
		30	Sapiling	3		Wild Re	d Raspberry	Medium	< 5 feet	< 5 feet	
	Paper Birch	30	Sapling	3	L	Wild Re	d Raspberry	Medium	< 5 feet	< 5 feet	
	Paper Birch Quaking Aspen					Wild Re	d Raspberry	Medium	< 5 feet	< 5 feet	
	•	3	Sapling	3		Wild Re	d Raspberry	Medium	< 5 feet	< 5 feet	
	Quaking Aspen	3 5	Sapling Sapling/Pole	3 2	34	Wild Re	d Raspberry	Medium	< 5 feet	< 5 feet	
	Quaking Aspen Balsam Poplar	3 5 5	Sapling Sapling/Pole Pole/Sapling	3 2 5	34	Wild Re	d Raspberry	Medium	< 5 feet	< 5 feet	
72	Quaking Aspen Balsam Poplar Balsam Fir	3 5 5 5 55 2	Sapling Sapling/Pole Pole/Sapling Pole/Sapling Sapling	3 2 5 6 3	34 Mediun		d Raspberry	Medium 51-80	< 5 feet		OPIC - FMD: Former white birch, aspen, and red and white pine
72	Quaking Aspen Balsam Poplar Balsam Fir Black Cherry	3 5 5 5 55 2 2 stral White F	Sapling Sapling/Pole Pole/Sapling Pole/Sapling Sapling	3 2 5 6 3 wtimber		າ 13.4			2		$_{ m 7}$ stand. Stand was treated with a seed tree cut in 2001and 2002 by
72	Quaking Aspen Balsam Poplar Balsam Fir Black Cherry 42200 - Natu	3 5 5 5 55 2 2 stral White F	Sapling Sapling/Pole Pole/Sapling Pole/Sapling Sapling Pine Sa	3 2 5 6 3 wtimber	Mediun	າ 13.4 Sub-Ca r	90	51-80	N/A		stand. Stand was treated with a seed tree cut in 2001and 2002 by Usher under permit #007-98-01. There is a fair amount of white bi regen 6-12" tall especially on disturbed soil areas, but much of the
72	Quaking Aspen Balsam Poplar Balsam Fir Black Cherry 42200 - Natu	3 5 5 5 2 2 ral White F	Sapling Sapling/Pole Pole/Sapling Pole/Sapling Sapling Pine Sar Size Class	3 2 5 6 3 wtimber	Mediun Age	n 13.4 Sub-Ca r Blac	90 nopy Species	51-80 Density	N/A Avg. Height	Size	stand. Stand was treated with a seed tree cut in 2001and 2002 by Usher under permit #007-98-01. There is a fair amount of white bi regen 6-12" tall especially on disturbed soil areas, but much of the stand has regenerated to quaking and bigtooth aspen. 2016-Heavi
72	Quaking Aspen Balsam Poplar Balsam Fir Black Cherry 42200 - Natu Canopy Species White Pine	3 5 5 55 2 rral White F % Cover 95	Sapling Sapling/Pole Pole/Sapling Pole/Sapling Sapling Pine Sar Size Class Log/XLog	3 2 5 6 3 wtimber DBH	Mediun Age	n 13.4 Sub-Ca r Blac Wh	90 nopy Species k Spruce	51-80 Density Trace	N/A Avg. Height Variable	Size Variable	stand. Stand was treated with a seed tree cut in 2001and 2002 by Usher under permit #007-98-01. There is a fair amount of white bi regen 6-12" tall especially on disturbed soil areas, but much of the stand has regenerated to quaking and bigtooth aspen. 2016-Heavi component of pine. Decent mix pine regen where soil was disturbed.
72	Quaking Aspen Balsam Poplar Balsam Fir Black Cherry 42200 - Natu Canopy Species White Pine	3 5 5 55 2 rral White F % Cover 95	Sapling Sapling/Pole Pole/Sapling Pole/Sapling Sapling Pine Sar Size Class Log/XLog	3 2 5 6 3 wtimber DBH	Mediun Age	n 13.4 Sub-Car Blac Wh Quak	90 nopy Species k Spruce ite Pine	51-80 Density Trace Medium	N/A Avg. Height Variable Variable	Size Variable Variable	stand. Stand was treated with a seed tree cut in 2001and 2002 by Usher under permit #007-98-01. There is a fair amount of white bi regen 6-12" tall especially on disturbed soil areas, but much of the
72	Quaking Aspen Balsam Poplar Balsam Fir Black Cherry 42200 - Natu Canopy Species White Pine	3 5 5 55 2 rral White F % Cover 95	Sapling Sapling/Pole Pole/Sapling Pole/Sapling Sapling Pine Sar Size Class Log/XLog	3 2 5 6 3 wtimber DBH	Mediun Age	n 13.4 Sub-Car Blac Wh Quak Bal	90 nopy Species k Spruce ite Pine ing Aspen	51-80 Density Trace Medium Medium	N/A Avg. Height Variable Variable Variable	Size Variable Variable Variable	stand. Stand was treated with a seed tree cut in 2001and 2002 by Usher under permit #007-98-01. There is a fair amount of white b regen 6-12" tall especially on disturbed soil areas, but much of the stand has regenerated to quaking and bigtooth aspen. 2016-Heav component of pine. Decent mix pine regen where soil was disturbed.
72	Quaking Aspen Balsam Poplar Balsam Fir Black Cherry 42200 - Natu Canopy Species White Pine	3 5 5 55 2 rral White F % Cover 95	Sapling Sapling/Pole Pole/Sapling Pole/Sapling Sapling Pine Sar Size Class Log/XLog	3 2 5 6 3 wtimber DBH	Mediun Age	n 13.4 Sub-Car Blac Wh Quak Bal	90 nopy Species k Spruce ite Pine ing Aspen sam Fir	51-80 Density Trace Medium Medium Medium	N/A Avg. Height Variable Variable Variable Variable	Size Variable Variable Variable Variable	stand. Stand was treated with a seed tree cut in 2001and 2002 by Usher under permit #007-98-01. There is a fair amount of white bi regen 6-12" tall especially on disturbed soil areas, but much of the stand has regenerated to quaking and bigtooth aspen. 2016-Heavi component of pine. Decent mix pine regen where soil was disturbed.



Stan	Level 4 Cover Type	-		Acres	Stand Age E	BA Range	Managed Si	ite	General Comments				
74	4130	- Aspen	I	Poletimber Well	4.0	26	1-50	N/A		2014 & 2015 - installed kiosk for grouse gem and improved			
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	turnaround parking area. SE corner of this stand.OPIC - FMD: Stand is composed of white birch, upland black spruce, fir, poor			
	Red Maple	2	Pole	7	Bla	ck Cherry	Low	Variable	Variable	quality soft maple and a few aspen. A lot of fir is dead and down.			
	Paper Birch	3	Pole/Sapling	g 5	Su	gar Maple	Medium	Variable	Variable	Most of the regeneration is black spruce and fir. Remove overstory.			
	Quaking Aspen	90	Pole	5 26						The stand should regenerate primarily to spruce/fir, with a mix of aspen, red maple, and possibly white pine. Aspen and white pine ar			
	Balsam Fir	3	Pole	5						both acceptable regeneration alternatives. Harvesting will be			
	White Spruce	2	Pole	5						scheduled for the summer months. 2011-Cut by Jim Carey Logging under contract # 002-08-01.2016 inventory: same age as stand 34.			
75	6121 -	Tamarack		Sapling Well	9.7	24	Immature	N/A		OPIC - FMD: Former S6 stand treated under permit # 007-98-01, it			
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	has regenerated to tamarack and black spruce.			
	Quaking Aspen	2	Sapling	3	Bla	ck Spruce	Medium	< 5 feet	< 5 feet				
	Black Spruce	5	Sapling	3	Ta	amarack	Medium	< 5 feet	< 5 feet				
	Tamarack	89	Sapling	3 24				<u> </u>					
	White Pine	2	Sapling	3									
	Red Pine	2	Sapling	4									
76	4134 - Asp	en, Spruce/	Fir	Sawtimber Well	80.1	108	111-140	N/A		OPIC - FMD: Nice 2-3 stick aspen with fir and spruce. Eastern edge of this stand abuts the retention portion of stand 28 which is not to be			
	Canopy Species	% Cover	Size Class	DBH Age						harvest with stand 19 in the future.			
	Paper Birch	2	Log/XLog	13									
	Quaking Aspen	75	Log/Pole	11 108									
	Balsam Fir	18	Pole/Log/Sa	p 6									
	White Spruce	5	Log/Pole	11									
77	4134 - Asp	en, Spruce/	Fir	Poletimber Well	20.3	52	51-80	N/A		Planted numerous shrubs, planted to rye in 2013, planted to clover			
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	2014. Installed gates. Annual mowing, fertilize, and frost seeding. CR438 Hunter Walking Trail.OPIC - FMD: Nice aspen with BA			
	Quaking Aspen	35	Log/Pole	10	Ва	ılsam Fir	Medium	Variable	Variable	running from 70-130, average of 80. 3-4 sticks tall. Stand shares a			
	Bigtooth Aspen	35	Log/Pole	10 52	Su	gar Maple	Low	Variable	Variable	hunter walking trail with stand 77 which is need of maintainance.			
	Balsam Fir	30	Log/Pole	10	Re	ed Maple	Low	Variable	Variable	2016-Scheduled for harvest under GEMS plan in 2022.			
78	4130	- Aspen	I	Poletimber Well	17.3	32	51-80	N/A		CR 438 Hunter Walking Trail: Planted numerous shrubs, planted to ¬ rye in 2013, planted to clover in 2014. Installed gates. Annual			
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	mowing, fertilize, and frost seeding. OPIC - FMD: Cut under			
	Paper Birch	5	Pole	5	Ва	ılsam Fir	Medium	Variable	Variable	permit # 38-88-1, aspen has regenerated nicely and is 15-25' tall.			
	Quaking Aspen	80	Pole	7 32		onwood	Medium	Variable	Variable	Trace red pine and white carries in the capany (2025)			
	Balsam Poplar	10	Pole	8		gar Maple	Low	Variable	Variable	Trace red pine and white spruce in the canopy (2025)			
	Balsam Fir	2	Pole	6	Re	ed Maple	High	Variable	Variable				
		4	XLog/Log 19	Do	per Birch	Low	Variable	Variable					
	White Pine	1	XLog/Log	19	га	per bircii	2011	7 01101010	Variable				

Gwinn Mgt. Unit Report 7 – Stands



Stan	d Level 4 C	over Type	,	Size De	nsity	Acres	Stand Age B	A Range	Managed Si	te	General Comments			
79	4130	- Aspen	Р	oletimb	er Well	12.1	37	111-140	N/A		Pocket of balsam fir mixed in with BAM and aspen on south side			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	(2025)OPIC - FMD: 4" average well-stocked except about 2-3 acres non-stocked with raspberry NW along hardwood edge. Looks to			
	Sugar Maple	1	Log	10		Suga	ar Maple	High	Variable	Variable	be gradually seeding in with some balsam fir. Balsam poplar in some			
	Paper Birch	1	Sapling/Pole	4		Red	d Maple	Low	Variable	Variable	areas. Cut as "Perrin Brothers Island Sale" #010-87-1 in 1988. 2015:			
	Quaking Aspen	87	Pole	7	37	Blac	k Cherry	Low	Variable	Variable	South end of stand with numerous blowdown, snapped stems - poor shape. Being replaced by sugar maple.			
	Balsam Poplar	2	Pole	7	37				1		I shape. Being replaced by sugar mapie.			
	Balsam Fir	5	Pole	8										
N	orthern White Cedar	1	Log	10										
	Black Cherry	3	Pole	6										
80	4130	- Aspen	Р	oletimb	er Well	12.6	34	141-170	N/A		Trace amount of black spruce and paper birch in canopy.			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	(2025)OPIC - FMD: Cut under permit # 19-88-1. Aspen is 2-4" dbh, 20-30' tall.5/27/16 Field Notes: Becoming aspen pole stand.			
	Quaking Aspen	84	Pole	7	34	Blac	k Cherry	Trace	Variable	Variable	Higher ground than aspen stands to north. Road and creek crossing			
	Balsam Poplar	10	Pole	6		Red	d Maple	Low	Variable	Variable	to north of the stand are low. Seeps common.			
	Balsam Fir	5	Pole	6		Ta	g Alder	Low	5 - 10 feet	5 - 10 feet				
	White Spruce	1	Pole	6		Bal	sam Fir	Low	Variable	Variable				
81	4130	- Aspen	Р	oletimb	er Well	8.3	34	81-110	N/A		OPIC - FMD: Cut under permit # 19-88-1. Aspen is 2-4" dbh, 20-30'			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	│ tall.			
	Quaking Aspen	90	Pole	7	34		nwood	Low	Variable	Variable	5/27/16 Field notes: Becoming an aspen pole stand. Open areas,			
	Balsam Fir	10	Pole	7		Red	d Maple	Low	Variable	Variable	especially to the south, with low aspen stocking and open-growing fir,			
						Ta	g Alder	Low	Variable	Variable	spruce. Road is low, full of tag alder and standing water. Winter ground. Access road has one creek/tributary crossing to the west			
						Bal	sam Fir	Low	< 5 feet	< 5 feet	(stand 29 w boundary), and one to south of this stand (stand 30).			
						Blac	k Cherry	Low	Variable	Variable	Each creek is 3' wide at bank-full width, running full now.			
82	4130	- Aspen		Sapling	Well	40.7	4 I	mmature	N/A		Stand was harvested in 2020.OPIC - FMD: Aspen stand growing			
	Canopy Species	% Cover	Size Class	DBH	Age						on a small ridge. Stand is healthy, with scattered white spruce and white birch.5/25/16 Field notes: Overmature aspen, balsam fir,			
	Red Maple	1	Sapling	1							white spruce, paper birch starting to decline. Good birch component,			
	Paper Birch	5	Sapling	1							good sugar maple sapling regeneration in patches; converting to			
	Quaking Aspen	94	Sapling	1	4						northern hardwood.			
83	4130	- Aspen	Р	oletimb	er Well	25.1	36	81-110	N/A		2015 - W32698 - installed gate, limed, mowed. It was decided only to			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	plant a portion of the trail to clover.2014 - W32698 - planted 25 red baron apple trees, 25 nannyberry, 25 highbush cranberry,4 mountain			
	Paper Birch	2	Pole	6		Bal	sam Fir	Low	Variable	Variable	ash, and 7 seedling apple trees. Hunter walking trail was herbicided			
	Quaking Aspen	87	Pole	9	36	Iro	nwood	Low	Variable	Variable	and disked. OPIC - FMD: Cut under permit # 23-88-1. Aspen is 1-			
	Balsam Poplar	10	Pole	8		Suga	ar Maple	Medium	Variable	Variable	3" dbh, 15-20' tall.			
	Balsam Fir	1	Pole	8							_			



Stand	d Level 4 Co	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed Si	te	General Comments
84	4130	- Aspen		Sapling	y Well	36.9	16 I	mmature	N/A		Pole stand in some areas but for the most part a sapling stand. ¬ (2025)2015 - Planted hunter walking trail to clover. Planted 9
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-0	anopy Species	Density	Avg. Height	Size	dolgo crabapples.2014 - installe gate, planted 50 crabapples, 5
	Quaking Aspen	43	Sapling/Pole	4	16	I	Balsam Fir	Low	Variable	Variable	apple trees, 10 nannyberry, 5 red oak, 4 mountain ash. Mowed hunte
	Bigtooth Aspen	50	Sapling/Pole	4	16	S	ugar Maple	Trace	Variable	Variable	walking trail.OPIC - FMD: High volume high quality aspen stand. East part of stand is almost pure aspen, west portion contains the mix
	Balsam Poplar	2	Sapling/Pole	4							of the other species. This part also contains pockets of fairly good
	Balsam Fir	5	Pole/Sapling	6							maple regeneration. Due to the proximity to another final harvest in
											the adjacent compartment, harvesting plans will be modified to satisf "green up" requirements for certification. 2008- That portion of the stand west of PBR is not included in the sale and will serve as retention. "Green up" requirements for certification (see above comments) have been satisfied with the rapid growth of aspen regeneration on the adjacent sale so the sale does not need to be modified along the northern boundary. 2011-Treated by Minerick under contract # 01-08-01. Fully regenerated to aspen.
85	4112 - Maple, Beec							111-140	N/A		Small island of hardwoods left as retention patch.
	Canopy Species		Size Class		Age		Canopy Species	Density	Avg. Height	Size	
	Sugar Maple	50 40	Log/Pole	10	108		ugar Maple Balsam Fir	Medium Medium	< 5 feet Variable	< 5 feet Variable	
	Red Maple Quaking Aspen	10	Log/Pole Log/Pole	16			baisaiii Fii	iviedium	variable	variable	
86	6128 - Lowland (Deci	duous		awtimber	Medi	ım 17.5	100	1-50	N/A		Trace amount of large white pine. Very wet stream originates from this stand. (2025)
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-0	Canopy Species	Density	Avg. Height	Size	
	Red Maple	5	Log/Pole	10			Balsam Fir	High	Variable	Variable	
	Paper Birch	2	Log/Pole	12			Red Maple	Medium	Variable	Variable	
	Quaking Aspen	3	Pole/Log	8			Tag Alder	Medium	5 - 10 feet	5 - 10 feet	
	Black Spruce	25	Log/Pole	10	100						
No	orthern White Cedar	45	Log/Pole	10	100						
	Black Ash	20	Pole/Log	8							
87		- Aspen		Sapling		49.1	4 U	nspecified	N/A		Stand was harvested in 2021.OPIC - FMD: Nice 2-3 stick aspen with fir and spruce. Eastern edge of this stand abuts the retention
	Canopy Species		Size Class		Age						portion of stand 28 which is not to be harvest with stand 19 in the
	Sugar Maple	1	Sapling	1							future.90-140 BA. Harvest now. Big patches of spruce fir. SBW.
	Red Maple	2	Sapling	1							Overmature Fir, spruce, and aspen falling out of stand. Can bump harvest line north into stand 17, following aspen and spruce/fir well
	Paper Birch	2	Sapling	1							into stand 17.
	Quaking Aspen	88	Sapling	1	4						
	Balsam Poplar	5	Sapling	1							
	White Spruce	1	Sapling	1							
	Black Cherry	1	Sapling	1							

t 7 – Stands

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Stand	Level 4 Co	over Type		Size De	nsity	Acres Stand Age B	A Range	Managed Si	te	General Comments
88	4112 - Maple, Beec	h, Cherry A	Association	Sawtimb	er Well	50.9 106	111-140	N/A		This stand was split with the east half being cut in 2020. Lower quality stand on north side with more red maple.OPIC - FMD: Cut permit
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	#15-97-01 "Twin Porkies Sale" (unit 1 - 3) by K&K. logging in 1998.
	Sugar Maple	65	Log/Pole	13	106	Leatherwood	Low	< 5 feet	< 5 feet	Good quality stand in most areas but about 1/3 of stand is red maple
	Red Maple	30	Log/Pole	13	106	Balsam Fir	Low	Variable	Variable	and poorer quality, but still OK for hardwood management. Some
	Yellow Birch	1	Log/Pole	14		Ironwood	Low	Variable	Variable	areas were left with a higher BA but most areas are 80-100 sq.ft. and no thinning is recommended at this time. Good regeneration in sugar
	Basswood	2	Log	15		Sugar Maple	Low	< 5 feet	< 5 feet	maple areas getting up to 6 feet tall. 2015: Stand could almost be
	White Spruce	1	Pole/Log	9		Sugar Maple	Medium	Variable	Variable	split into two different stands - south end contains higher ridge with
Noi	thern White Cedar	1	Log/Pole	10		White Spruce	Low	Variable	Variable	very nice sugar maple logs, with some basswood, ironwood, birch and cherry. Some maple regeneration starting. Leatherwood also presen
						Black Cherry	Low	>20 feet	>20 feet	here. North end (including Perrin Bros Road edge) transitions into
						Black Cherry	Low	Variable	Variable	slightly lower grounds with more mixed species; heavier fir/spruce component, some aspen, and lower quality maple. Ground cover
										changes to club moss, princess pine. Budworm evidence along road.
89		- Aspen		Poletimb			111-140	N/A		Thin spot at the center of stand with cherry. BA is variable. ¬ (2025)OPIC - FMD: Stand is mostly well-stocked south. North and
	Canopy Species		Size Class		Age	Sub-Canopy Species	Density	Avg. Height	Size	NE part of stand sparse clumps of red maple and semi-open areas.
	Red Maple	5	Pole/Log	9		Black Cherry	Low	Variable	Variable	
	Paper Birch	3	Pole	6		Sugar Maple	Medium	Variable	Variable	
	Quaking Aspen	10	Pole/Sap/Log	0	40	Red Maple	Medium	Variable	Variable	
	Bigtooth Aspen	78	Pole/Log	9	40	Balsam Fir	Low	Variable	Variable	
	Balsam Fir	2	Pole	8						
	Black Cherry	2	Pole	6						
91	6128 - Lowland (Deci	Coniferous, duous	, Mixed Po	oletimber	Mediu	m 73.9 105	51-80	N/A		Lots of dead balsam fir and very wet. Stream runs through this stand Cedar swale with slightly higher grounds of aspen/birch.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Thick balsam fir. Heavy rabbit sign. OPIC - FMD: Q6, smaller trees somewhat sparse in areas. More P type along road to the private land
	Red Maple	5	Pole/Log	9		Balsam Poplar	Low	Variable	Variable	Alder understory. Wetter soil. Stream originates in stand.
	Paper Birch	15	Pole/Log	9		Sugar Maple	Low	Variable	Variable	
	Quaking Aspen	5	Log/Pole	11		Red Maple	Medium	Variable	Variable	
	Balsam Poplar	5	Pole	9		Paper Birch	Low	Variable	Variable	
	Black Spruce	25	Pole/Log	8		Tag Alder	High	5 - 10 feet	5 - 10 feet	
Noi	thern White Cedar	40	Log/Pole	11	105	Balsam Fir	Medium	Variable	Variable	
92	4112 - Maple, Beec	h, Cherry A	Association	Sawtimb	er Well	32.3 106	111-140	N/A		Thinned 1954, 1974. 1998 cut permit #15-97-01 "Twin Porkies Sale"
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	by K&K logging. West part of stand has a higher BA - more of a pole
	Sugar Maple	63	Log/Pole	13	106	Sugar Maple	Medium	>20 feet	>20 feet	stand. The east 2/3 of stand BA is 90 -110. Some regen in gaps east side 5 - 20 ft high sugar maple. Not the best log quality here but OK.
	Red Maple	30	Log/Pole	13		Sugar Maple	Medium	Variable	Variable	Some low forks etc. Some legacy maple, basswood.
	Basswood	5	Log/Pole	15		Ironwood	Low	Variable	Variable	
	Black Ash	2	Log/Pole	10		Balsam Fir	Low	Variable	Variable	
93	6220 - A	der/Willow		Nor	ie	21.3		No		Mostly dead standing cedar with tag alder underneath, few sparse live cedars. (2025)



Stand	Level 4 Cover Type Size Der 4116 - Mixed N. Hardwood - Aspen Poletimber				Acres Stand Age BA	A Range	Managed S	ite	General Comments				
94	4116 - Mixed N.	Hardwood	- Aspen P	oletimber Well	14.8 42	51-80	N/A		East half has more aspen. This was a seed tree cut with large sugar maple and some basswood left. It's now a pole stand of mostly red				
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Canopy Species	Density	Avg. Height	Size	and sugar maple with a decent amount of aspen. OPIC - FMD:				
	Sugar Maple	25	Pole/Sapling	6 42	Sugar Maple	Low	Variable	Variable	Wildlife habitat cut 1983 - FTP W32-206. Scattered large bassswood				
	Sugar Maple	10	XLog	20 130	Balsam Fir	Low	Variable	Variable	and sugar maple were left and are +14". Regeneration is now 6" dbh well-stocked mostly sugar maple, other hardwood, and aspen. Some				
	Red Maple	25	Pole/Sapling	6					sprout origin hardwoods but many single stems. Good potential on the				
	Quaking Aspen	20	Pole	7					stand. Could be considered regeneration area for hardwood stand				
	Balsam Poplar	15	Pole	7					north. Some areas F6 or A6 especially center. Some semi-open areas				
	Balsam Fir	5	Pole/Log	9					with cherry. Probably could be considered for thinning in 10 or 20 years.				
95	4130	- Aspen	P	oletimber Well	41.6 48	51-80	N/A		2015: Some decline in aspen noted. Thick maple regeneration (1-3"				
	Canopy Species			DBH Age	Sub-Canopy Species	Density	Avg. Height	Size	dbh) doing well - manage for both A/M or let convert to M. Fringe of older aspen (10-12" dbh) along stand 28 boundary. Heavier S/F in				
	Sugar Maple			5	Balsam Fir			Variable	older aspen (10-12" dbh) along stand 28 boundary. Heavier S/F, in pockets. OPIC - FMD: Well-stocked 2-4 stick aspen. Fir under 10' tal				
	Quaking Aspen	85	Pole/Sap/Log	7 48	Sugar Maple	Medium	>20 feet	>20 feet	medium stocked. South is more 4-stick, north is slightly smaller				
	Balsam Poplar	5	Pole/Log	8	White Spruce	Low	Variable	Variable	aspen. Raspberry ground cover. Cut in 1976 under permit #5/76A "Bob's Lake West".				
	Balsam Fir	2	Pole/Sapling	5	Black Cherry	Low	>20 feet	>20 feet	DOD'S Lake West .				
	White Spruce	3	Log	12	Hazelnut (Spp.)	Medium	< 5 feet	< 5 feet					
	Ironwood	2	Pole	5	Ironwood	Medium	>20 feet	>20 feet					
96	4112 - Maple, Beed	h, Cherry I	Association S	awtimber Well	5.4 100	111-140	N/A		Trace amount of BAM and white spruce in canopy. Basal area is				
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Canopy Species	Density	Avg. Height	Size	variable and ranges from, 70 to 180. Area along swamp has higher amount of red maple and basal areas.OPIC - FMD: Small stand,				
	Sugar Maple	40	Log/Pole	11 106	Balsam Fir	Low	Variable	Variable	fair quality, good potential. Need line work and possible stream				
	Red Maple	45	Log/Pole	11 100	Sugar Maple	Medium	Variable	Variable	crossing. Underplant hemlock for diversity by wildlife division after				
	Basswood	5	Log	15	Red Maple	Low	Variable	Variable	harvest. Summer logging restrictions if possible. Stand treated fall of 2009 by Triest under contract # 17-07-01 "Denn's Old Camp				
	Quaking Aspen	10	Log	11	Quaking Aspen	Trace	Variable	Variable	Hardwood". No underplanting ever completed.				
					Ironwood	Low	Variable	Variable					
97	4110 - Sugar N	/laple Asso	ciation S	awtimber Well	2.2 106	111-140	N/A		OPIC - FMD: Some basswood here but mostly sugar maple.				
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Canopy Species	Density	Avg. Height	Size	Underplant hemlock for diversity after harvest by wildlife division. Stand treated fall of 2009 by Triest under contract # 17-07-01 "Denn's				
	Sugar Maple	98	Log/Pole	10 106	Balsam Fir	Low	< 5 feet	< 5 feet	Old Camp Hardwood". 2015: No underplanting ever completed. Little				
	Red Maple	1	Log/Pole	11	Sugar Maple	Medium	< 5 feet	< 5 feet	new regeneration noted from cut; some sedge, grass, raspberry				
	Basswood	1	Log	16	Wild Red Raspberry	Medium	< 5 feet	< 5 feet	ground cover now.				
98	4130	- Aspen	Р	oletimber Well	20.2 40	111-140	N/A		"North Branch Block" #027-83 - cut with adjacent compartment 56 ~				
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Canopy Species	Density	Avg. Height	Size	1985. Trace amount of fir present. Some pockets of stem breakage: hypoxylon present. Stand is transitioning from saplings to poles.				
	Quaking Aspen	93	Pole	7 40	Balsam Fir	Low	Variable	Variable					
	Balsam Poplar	5	Pole	6 40	White Spruce	Low	Variable	Variable					
	Balsam Fir	2	Pole	6	Sugar Maple	Low	Variable	Variable					
					Ironwood	Low	Variable	Variable					
100	3102	- Grass		None	3.9		Yes		Opening/Hunter Walking TrailW32-352: reseeded 8/1990 (3.1 acs).Cultivated and reseeded in 2018 and 2019, 2021, 2022.Mowed to maintain in 2023, 2024.				

Compartment: 51 Year of Entry: 2027



Stand	Level 4 C	over Type	8	ize De	nsity	Acres Stand Age B	A Range	Managed S	ite
101	4130	- Aspen	:	Sapling	Well	22.0 14	mmature	N/A	
-	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
	Red Maple	5	Sapling/Pole	3		Tamarack	Trace	Variable	Variable
C	Quaking Aspen	40	Sapling/Pole	4	14	Ironwood	Low	Variable	Variable
Е	Bigtooth Aspen	50	Sapling/Pole	4	14	Black Spruce	Trace	Variable	Variable
	Balsam Fir	5	Pole/Sapling	6		Black Cherry	Low	Variable	Variable
						Sugar Maple	Trace	Variable	Variable
						Paper Birch	Low	Variable	Variable

28.7

120

Trace amount of cherry and yellow birch. (2025)2015 - Planted hunter walking trail to clover. Planted 9 dolgo crabapples. 2014 installe gate, planted 50 crabapples, 5 apple trees, 10 nannyberry, 5 red oak. 4 mountain ash. Mowed hunter walking trail.OPIC - FMD: High volume high quality aspen stand. East part of stand is almost pure aspen, west portion contains the mix of the other species. This part also contains pockets of fairly good maple regeneration. Due to the proximity to another final harvest in the adjacent compartment, harvesting plans will be modified to satisfy "green up" requirements for certification. 2008- That portion of the stand west of PBR is not included in the sale and will serve as retention. "Green up" requirements for certification (see above comments) have been satisfied with the rapid growth of aspen regeneration on the adjacent sale so the sale does not need to be modified along the northern boundary. 2011-Treated by Minerick under contract # 01-08-01. Fully regenerated to aspen.

General Comments

102	4130 - 7	Aspen	;	Sapling Well			
	Canopy Species (% Cover	Size Class	DBH	Age		
	Quaking Aspen	43	Sapling/Pole	4	16		
	Bigtooth Aspen	50	Sapling/Pole	4	16		
	Balsam Poplar	2	Sapling/Pole	4			
	Balsam Fir	5	Pole/Sapling	6			

30.4	16	lmn	nature	N/A				
Sub-Can	opy Speci	es l	Density	Avg. Height	Size			
Suga	r Maple		Trace	Variable	Variable			
Bals	am Fir		Low	Variable	Variable			

Pole stand in some areas but for the most part a sapling stand. (2025)2015 - Planted hunter walking trail to clover. Planted 9 dolgo crabapples. 2014 - installe gate, planted 50 crabapples, 5 apple trees, 10 nannyberry, 5 red oak, 4 mountain ash. Mowed hunter walking trail.OPIC - FMD: High volume high quality aspen stand. East part of stand is almost pure aspen, west portion contains the mix of the other species. This part also contains pockets of fairly good maple regeneration. Due to the proximity to another final harvest in the adjacent compartment, harvesting plans will be modified to satisfy "green up" requirements for certification. 2008- That portion of the stand west of PBR is not included in the sale and will serve as retention. "Green up" requirements for certification (see above comments) have been satisfied with the rapid growth of aspen regeneration on the adjacent sale so the sale does not need to be modified along the northern boundary. 2011-Treated by Minerick under contract # 01-08-01. Fully regenerated to aspen.

103	4110 - Sugar N	Sav	Sawtimber Wel				
	Canopy Species	%	6 Cover	Size Class		DBH	Age
	Sugar Maple		90	Log/Pole		11	120
	Basswood		10	Log/Pole		16	

Sub-Canopy Species	Density	Avg. Height	Size
Leatherwood	Low	< 5 feet	< 5 feet
Ironwood	Low	Variable	Variable
Sugar Maple	Medium	Variable	Variable
Sugar Maple	Low	>20 feet	>20 feet
Sugar Maple	Low	Variable	Variable
Wild Red Raspberry	Low	< 5 feet	< 5 feet
Elderberry	Low	5 - 10 feet	5 - 10 feet

N/A

81-110

Nice flush of sugar maple seedlings. Observed gaps have ironwood and elderberry. No trace of hemlock planted in 2001. (2025)West Gems MWR sale cut in 2017. "North Branch Block" #24/76A - select cut 1977 (removing mostly elm) and "Bryan Creek Sale" #024-96 - select cut summer, 1999. Stain, forks, seams, cankers and breakage all noted. Trace fir, hemlock. Raspberry, burdock noted. FTP W32-590: Underplanted 7,900 hemlock 9/25/2001.



Stand	Level 4 Co	Level 4 Cover Type Size Density Acres Stand Age BA Range Managed Site		Site	General Comments					
104	6120 - Lov	6120 - Lowland Cedar Poletimber Well 66.8 151 81-110 N/A		4	Spruce, tamarack overtopping cedar. Variable stocking levels.					
(Canopy Species	% Cover	Size Class	DBH Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Paper Birch	5	Pole/Sapling	6	Та	g Alder	High	10 - 20 feet	10 - 20 feet	
(Quaking Aspen	2	Log/Pole	14	Ва	sam Fir	Medium	Variable	Variable	
	Balsam Poplar	2	Log/Pole	14	Та	marack	Low	Variable	Variable	
	Black Spruce	15	Pole/Sapling	7 117	Blac	k Spruce	Low	Variable	Variable	
Nort	thern White Cedar	56	Pole/Log	8 151						-
	Tamarack	20	Pole/Log	9 117						
105	4130	- Aspen		Sapling Well	12.9	8 Ir	mmature	N/A	4	Harvested 2017: TS# 32-14-16. Aspen regeneration already 6'+ tall
(Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	summer after winter harvest.
	Sugar Maple	2	Sapling	1	Ва	sam Fir	Low	< 5 feet	< 5 feet	
	Paper Birch	1	Sapling	2						-
(Quaking Aspen	94	Sapling	2 8						
	Black Cherry	3	Sapling/Pole	4						
107	6120 - Lov	wland Ceda	ar P	oletimber Well	1.4	118	51-80	N/A	4	OPIC - FMD: CK 2000Very wet with varying levels of marketability. For the most part too wet to harvest and low
(Canopy Species	% Cover	Size Class	DBH Age	Sub-Car	nopy Species	Density	Avg. Height	Size	merchantability. Very variable BA and patchy. Trace amount of log
	Black Spruce	10	Pole	7	Wh	ite Pine	Trace	Variable	Variable	sized white pine and pole sized birch and red maple.
Nort	thern White Cedar	80	Pole/Sapling	6 118	Та	g Alder	Medium	5 - 10 feet	5 - 10 feet	
	Tamarack	10	Pole	8 118	Blac	k Spruce	Medium	Variable	Variable	
					Ва	sam Fir	Medium	Variable	Variable	
					Та	marack	Low	Variable	Variable	
108	310 - Herbac	eous Oper	ıland	None	23.9			No)	Powerline R.O.W. and utility station (2024)
109	500 -	- Water		None	1.1			No)	water
112	4130	- Aspen	P	oletimber Well	16.2	27 Ur	nspecified	N/A	4	"Bryan Creek Sale" #024-96 (unit 1,2) - cut July, 1998. Some lowland
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	aspen, tamarack along lower edges of stand. Some red maple saplings.
	Paper Birch	1	Pole/Sapling	5	Re	d Maple	Low	Variable	Variable	
(Quaking Aspen	94	Pole/Sapling	6 27	Whit	e Spruce	Low	Variable	Variable	
	Balsam Fir	5	Pole/Sapling	6	Ва	sam Fir	Low	Variable	Variable	
113	4130	- Aspen	P	oletimber Well	18.1	43	51-80	N/A	4	OPIC - FMD: Just transitioned to A6. 2-3 stick aspen over A3F1.
	Canopy Species	% Cover	Size Class	DBH Age						
	Quaking Aspen	100	Pole	8 43						



Stand	Level 4 C	over Type	\$	Size De	nsity	Acres	Stand Age	BA Range	Managed Si	ite	General Comments		
114	4130	- Aspen		Sapling	Well	3.6	12	Immature	N/A		Trace amount of super canopy white pine and canopy black cherry.		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	(2025)OPIC - FMD: Nice aspen poles with fir and white spruce over dense fir regeneration along a narrow ridge. Stand also contains		
	Quaking Aspen	90	Sapling	4	12	Wild Re	d Raspberry	Medium	< 5 feet	< 5 feet	an occasional red pine sawtimber tree. Retain the few large diameter		
	Balsam Fir	10	Pole/Sapling	6							spruce and all red pine. In addition, the western 300' of the stand will be retained to protect the fishery of Bryan Creek. 2013- Stand harvested by Roy Nelson III under contract # 007-10-01.7/19/23: Updated to non-OI cover type.		
115	330 - Low-	Density Tre	es	Nor	ne	9.1			No		Cut in 1983 but did not regenerate well. This area was probably upland cedar and/or spruce. Area is filling in with sapling/pole sized aspen, BAM, pine, cherry, and fir. (2025)		
116	4110 - Sugar N	/laple Assoc	ciation S	awtimb	er Well	3.5	120	111-140	N/A		Trace white spruce, cedar and hemlock (2025)Island of hardwood		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	within aspen type. Thinned in 1977, and 1985 under permit #027-83		
	Sugar Maple	100	Log/Pole	12	120	White	e Spruce	Trace	Variable	Variable	Troid Brahon Blook :		
						Iro	nwood	Medium	Variable	Variable			
						Suga	ar Maple	Low	Variable	Variable			
						Suga	ar Maple	Low	< 5 feet	< 5 feet			
117	6121 -	Tamarack	Р	oletimb	er Well	91.9	115	51-80	N/A		Small slightly higher hump on south end with some white pine and naple mixed in with tamarack and spruce. Latter area is about a 3/4		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	opy Species	Density	Avg. Height	Size	of an acre. Basal area is variable. Tamarack is falling out. Stand is		
	Red Maple	1	Pole/Log	8		Bal	sam Fir	Low	Variable	Variable	very wet. Trace amount of aspen/BAM (2025)		
	Quaking Aspen	2	Log	14		Black	k Spruce	Low	Variable	Variable			
	Black Spruce	15	Pole/Log	8	115	Suga	ar Maple	Trace	Variable	Variable			
No	rthern White Cedar	30	Pole/Log	8	115	Red	d Maple	Low	Variable	Variable			
	Tamarack	52	Log/Pole	12	115	Tag	g Alder	High	5 - 10 feet	5 - 10 feet			
118	4139 - Aspen,	Mixed Deci	duous P	oletimb	er Well	40.1	30	81-110	N/A		Trace amount of elm, sugar maple, basswood in canopy. Northeast point has fair amount of cedar mixed in with BAM, maple, and aspen.		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	opy Species	Density	Avg. Height	Size	2025)Cut with C. 56 to the north under #031-93 - 1995. Some		
	Red Maple	4	Sapling/Pole	4		Blac	k Cherry	Low	Variable	Variable	patchy, open areas and lowland aspen. Aspen ~30 ft hts now. Trace		
	Paper Birch	4	Pole/Sapling	6		White	e Spruce	Low	Variable	Variable	amount of cherry, paper birch within.		
	Quaking Aspen	40	Pole	7	30	Amer	ican Elm	Trace	Variable	Variable			
	Balsam Poplar	36	Pole/Sapling	5	30	Bal	sam Fir	Low	Variable	Variable			
	Balsam Fir	5	Pole	8		Suga	ar Maple	Medium	Variable	Variable			
	White Spruce	2	Pole	6		Рар	er Birch	Low	Variable	Variable			
No	rthern White Cedar	5	Log	14		Iro	nwood	Low	Variable	Variable			
	Tamarack	2	Pole	6							_		
	Black Cherry	2	Pole/Sapling	6									

Stand	Level 4 Co	Level 4 Cover Type Size Density Acres Stand Age BA Range Managed Site				e	General Comments			
119	42290 - Natu	42290 - Natural Mixed Pine Sawtimber Well 24.5 160 111-140		N/A		ERA: Landon Lake Pines Dry-mesic Northern Forest. 75% canopy				
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	closure. Balsam fir and spruce breaking up. Trace amount of jack pine, aspen, BAM and tamarack. (2025)
	Red Maple	10	Log/Pole	10		Balsam Fir	Medium	Variable	Variable	
	Paper Birch	5	Pole/Log	8		Black Spruce	Low	>20 feet	>20 feet	
	Black Spruce	15	Pole/Log	8	70	Red Maple	Low	Variable	Variable	
Nor	rthern White Cedar	5	Log/Pole	12		White Pine	Low	< 5 feet	< 5 feet	
	White Pine	50	XLog	30	160	White Pine	Low	Variable	Variable	
	Red Pine	15	XLog/Log	20		White Pine	Low	Variable	Variable	
120	6127 - Lo	wland Pine	:	Sapling	Poor	12.2 20	mmature	N/A		Lots of stand dead older trees with healthy younger white pine and
	Canopy Species	% Cover	Size Class	DBH	Age					cedar underneath. (2025)OPIC - FMD: Near Landon lake. Stand put into biodiversity stewardship to protect riparian and scenic values
Nor	rthern White Cedar	40	Sapling	1						par into blocky of one reader in to protock repartain and cooling values
	White Pine	60	Sapling/Pole	4	20					
121	500 -	Water		Nor	ne	11.4		No		Landon Lake
122	4199 - Other Mixed	d Upland D	eciduous S	awtimb	er Well	29.5 70	81-110	N/A		Trace amount of jack pine (2025)
	4199 - Other Mixed		eciduous S		er Well	29.5 70 Sub-Canopy Species	81-110 Density	N/A Avg. Height	Size	Trace amount of jack pine (2025)
									Size Variable	Trace amount of jack pine (2025)
	Canopy Species	% Cover	Size Class	DBH		Sub-Canopy Species	Density	Avg. Height		Trace amount of jack pine (2025)
	Canopy Species Sugar Maple	% Cover	Size Class Pole	DBH		Sub-Canopy Species Balsam Fir	Density Low	Avg. Height Variable	Variable	Trace amount of jack pine (2025)
	Canopy Species Sugar Maple Red Maple	% Cover 5 15	Size Class Pole Pole	8 8		Sub-Canopy Species Balsam Fir Red Maple	Density Low Low	Avg. Height Variable Variable	Variable Variable	Trace amount of jack pine (2025)
	Canopy Species Sugar Maple Red Maple Basswood	% Cover 5 15 2	Size Class Pole Pole XLog/Log	8 8 20		Sub-Canopy Species Balsam Fir Red Maple	Density Low Low	Avg. Height Variable Variable	Variable Variable	Trace amount of jack pine (2025)
	Canopy Species Sugar Maple Red Maple Basswood Paper Birch	% Cover 5 15 2 15	Pole XLog/Log Pole	8 8 8 20 8	Age	Sub-Canopy Species Balsam Fir Red Maple	Density Low Low	Avg. Height Variable Variable	Variable Variable	Trace amount of jack pine (2025)
	Canopy Species Sugar Maple Red Maple Basswood Paper Birch Quaking Aspen	% Cover 5 15 2 15 26	Pole Pole XLog/Log Pole Log/Pole Log Pole	8 8 20 8 14	70	Sub-Canopy Species Balsam Fir Red Maple	Density Low Low	Avg. Height Variable Variable	Variable Variable	Trace amount of jack pine (2025)
	Canopy Species Sugar Maple Red Maple Basswood Paper Birch Quaking Aspen Balsam Poplar	% Cover 5 15 2 15 26 23	Pole Pole XLog/Log Pole Log/Pole	8 8 20 8 14 12	70	Sub-Canopy Species Balsam Fir Red Maple	Density Low Low	Avg. Height Variable Variable	Variable Variable	Trace amount of jack pine (2025)
	Canopy Species Sugar Maple Red Maple Basswood Paper Birch Quaking Aspen Balsam Poplar White Spruce	% Cover 5 15 2 15 26 23 2	Pole Pole XLog/Log Pole Log/Pole Log Pole	DBH 8 8 20 8 14 12 7	70	Sub-Canopy Species Balsam Fir Red Maple	Density Low Low	Avg. Height Variable Variable	Variable Variable	Trace amount of jack pine (2025)
	Canopy Species Sugar Maple Red Maple Basswood Paper Birch Quaking Aspen Balsam Poplar White Spruce	% Cover 5 15 2 15 26 23 2 5	Pole Pole XLog/Log Pole Log/Pole Log Pole Log Pole	BH 8 8 20 8 14 12 7 12	70	Sub-Canopy Species Balsam Fir Red Maple	Density Low Low	Avg. Height Variable Variable	Variable Variable	Trace amount of jack pine (2025)
	Canopy Species Sugar Maple Red Maple Basswood Paper Birch Quaking Aspen Balsam Poplar White Spruce rthern White Cedar White Pine Black Cherry	% Cover 5 15 2 15 26 23 2 5 5 5	Pole Pole XLog/Log Pole Log/Pole Log Pole Log/Pole Log/Pole Log/Pole Alog/Pole Alog/Pole Alog Pole	BH 8 8 20 8 14 12 7 12 25 7	70	Sub-Canopy Species Balsam Fir Red Maple White Spruce	Density Low Low	Avg. Height Variable Variable	Variable Variable	Stream runs through this stand north of lake and south of old landing
Nor	Canopy Species Sugar Maple Red Maple Basswood Paper Birch Quaking Aspen Balsam Poplar White Spruce rthern White Cedar White Pine Black Cherry	% Cover 5 15 2 15 26 23 2 5 5 2 2 2 2 2 2 2	Pole Pole XLog/Log Pole Log/Pole Log Pole Log/Pole Log/Pole Log/Pole Alog/Pole Alog/Pole Alog Pole	BH 8 8 20 8 14 12 7 12 25 7 etimber	70 70	Sub-Canopy Species Balsam Fir Red Maple White Spruce m 52.4 71	Low Low Low	Avg. Height Variable Variable Variable	Variable Variable	
Nor	Canopy Species Sugar Maple Red Maple Basswood Paper Birch Quaking Aspen Balsam Poplar White Spruce rthern White Cedar White Pine Black Cherry	% Cover 5 15 2 15 26 23 2 5 5 2 2 2 2 2 2 2	Pole Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole Pole Pole	BH 8 8 20 8 14 12 7 12 25 7 etimber	70 70 Mediu	Sub-Canopy Species Balsam Fir Red Maple White Spruce	Density Low Low Low Low	Avg. Height Variable Variable Variable N/A	Variable Variable Variable	Stream runs through this stand north of lake and south of old landing
Nor	Canopy Species Sugar Maple Red Maple Basswood Paper Birch Quaking Aspen Balsam Poplar White Spruce rthern White Cedar White Pine Black Cherry 6122 - Bla Canopy Species	% Cover 5 15 2 15 26 23 2 5 5 5 2 ack Spruce % Cover	Pole Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole Size Class	BH 8 8 20 8 14 12 7 12 25 7 etimber	70 70 Mediu	Sub-Canopy Species Balsam Fir Red Maple White Spruce m 52.4 71 Sub-Canopy Species	Density Low Low Low Low Density	Avg. Height Variable Variable Variable Variable Avg. Height	Variable Variable Variable	Stream runs through this stand north of lake and south of old landing
Nor	Canopy Species Sugar Maple Red Maple Basswood Paper Birch Quaking Aspen Balsam Poplar White Spruce rthern White Cedar White Pine Black Cherry 6122 - Bla Canopy Species Paper Birch	% Cover 5 15 2 15 26 23 2 5 5 2 2 ack Spruce % Cover 5	Pole Log/Pole Log/Pole Log/Pole Log/Pole Size Class Log/Pole	8 8 20 8 14 12 7 12 25 7 etimber DBH 12	70 70 70 Mediu	Sub-Canopy Species Balsam Fir Red Maple White Spruce m 52.4 71 Sub-Canopy Species Black Spruce	Density Low Low Low B1-110 Density Low	Avg. Height Variable Variable Variable Variable Variable	Variable Variable Variable Variable	Stream runs through this stand north of lake and south of old landing
Nor	Canopy Species Sugar Maple Red Maple Basswood Paper Birch Quaking Aspen Balsam Poplar White Spruce rthern White Cedar White Pine Black Cherry 6122 - Bla Canopy Species Paper Birch Black Spruce	% Cover 5 15 2 15 26 23 2 5 5 2 2 ack Spruce % Cover 5 55	Pole Size Class Pole Pole XLog/Log Pole Log/Pole Log Pole XLog Pole XLog Pole XLog Pole XLog Pole XLog Pole XLog Pole Pole Size Class Log/Pole Pole/Sapling	8 8 20 8 14 12 7 12 25 7 etimber DBH 12 7	70 70 70 Mediu	Sub-Canopy Species Balsam Fir Red Maple White Spruce m 52.4 71 Sub-Canopy Species Black Spruce Red Maple	Density Low Low Low B1-110 Density Low Low Low	Avg. Height Variable Variable Variable Variable Variable N/A Avg. Height Variable Variable	Variable Variable Variable Variable Variable Variable Variable	Stream runs through this stand north of lake and south of old landing
Nor	Canopy Species Sugar Maple Red Maple Basswood Paper Birch Quaking Aspen Balsam Poplar White Spruce rthern White Cedar White Pine Black Cherry Canopy Species Paper Birch Black Spruce rthern White Cedar	% Cover 5 15 2 15 26 23 2 5 5 2 2 ack Spruce % Cover 5 55 10	Pole Pole Pole XLog/Log Pole Log/Pole Log Pole Log/Pole XLog Pole XLog Pole XLog Pole XLog Pole XLog Pole Log/Pole XLog Pole	BH 8 8 20 8 14 12 7 12 25 7 etimber 12 7 11	70 70 70 Mediu	Sub-Canopy Species Balsam Fir Red Maple White Spruce m 52.4 71 Sub-Canopy Species Black Spruce Red Maple	Density Low Low Low B1-110 Density Low Low Low	Avg. Height Variable Variable Variable Variable Variable N/A Avg. Height Variable Variable	Variable Variable Variable Variable Variable Variable Variable	Stream runs through this stand north of lake and south of old landing

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Stand	Level 4 Co	over Type	\$	Size Density Acres Stand Age BA Range Managed Site		te	General Comments			
124	429 - Mixed L			etimbei	Mediur	m 40.6 90	1-50	N/A		Very thin canopy due to spruce budworm. Red maple saplings making
	Canopy Species		Size Class		Age	Sub-Canopy Species	Density	Avg. Height	Size	and slight elevation changes. I did not find the stream going out of
	Red Maple	10	Log/Pole	12		Balsam Fir	Low	Variable	Variable	Landon Lake but there are reports that it connects to Chandlers
	Paper Birch	20	Pole	8		Sugar Maple	Low	Variable	Variable	Brooke. (2025)OPIC - FMD: Scattered big black spruce over thick fir understory 10-15' tall all upland. Center higher ground mostly big
	Balsam Fir	20	Pole	8		Red Maple	High	Variable	Variable	red maple and w. pine poorly stocked over thick fir. A few w. birch. Fir
	White Spruce	5	Log/Pole	15						dieoff in 1980's spruce budworm. Hazel thick. Moose sign everywhere
	Black Spruce	25	Pole	8	90					from last fall and winter (2004-05). This stand part of core biodiversity
	White Pine	20	XLog	30	160					stewardship area protecting riparian and wild values around Landon Lake. 2015: Not visited due to time constraints. Previous inventory
125	4119 - Mixed No	orthern Hard	dwoods S	awtimb	er Well	10.7 120	111-140	N/A		very reliable. This was partially cut in the late 50s. Large legacy trees present. Cored 38 1/2-inch white pine but had to estimate last bit of core.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Approx 160 years old.
	Sugar Maple	13	Pole	9		Balsam Fir	Low	Variable	Variable	, , , , , , , , , , , , , , , , , , ,
	Sugar Maple	10	XLog	25		White Spruce	Low	Variable	Variable	
	Red Maple	10	Pole/Log	9		Ironwood	Low	Variable	Variable	
	Basswood	25	XLog	25	120	Sugar Maple	Medium	Variable	Variable	
	Paper Birch	5	Pole	8		Red Maple	Low	Variable	Variable	
	Quaking Aspen	5	Log/Pole	14				1		_
	Balsam Poplar	10	Log/Pole	12	70					
No	rthern White Cedar	5	Log/Pole	12						
	White Pine	15	XLog	30	160					
	Black Cherry	2	Pole	7						
126	6120 - Lov	wland Ceda	ır S	awtimb	er Well	112.3 100	111-140	N/A		OPIC - FMD: Big cedar towards upland, smaller in toward drainage.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Cedar mostly wide spaced. W. birch, Balsam poplar, spruce scattered throughout. Some lower BA areas with alder. Some of stand is P type
	Red Maple	2	Log/Pole	10		Black Spruce	Low	Variable	Variable	(w.birch) overall C9. Best cedar within 3 chains of hardwood edge.
	Paper Birch	2	Pole/Log	8		Tag Alder	Medium	5 - 10 feet	5 - 10 feet	Biodiversity stewardship to protect riparian value of Chandler Brook.
	Balsam Poplar	3	Log/Pole	11		Balsam Fir	Low	Variable	Variable	
	Black Spruce	10	Pole/Sapling	7						_
No	rthern White Cedar	76	Log	12	100					
	Tamarack	5	Pole	7						
	Black Ash	2	Pole	6						
127	6120 - Lov	wland Ceda	ır Sav	wtimber	Mediur	m 88.8 128	81-110	N/A		Stand is wet and patchy. Tamarack falling apart. Trace amount of aspen. (2025)Large diameter cedar with paper birch component;
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	scattered spruce, tamarack. Understory mainly balsam fir. Fringes
	Red Maple	1	Pole/Log	8		Balsam Fir	Medium	Variable	Variable	with higher component of birch, balsam poplar, fir. Contains
	Paper Birch	12	Pole	8		Sugar Maple	Trace	Variable	Variable	drainage/creek through center of stand.
	Balsam Poplar	5	Log/Pole	11		Red Maple	Low	Variable	Variable	
	White Spruce	2	Log	12		Paper Birch	Low	Variable	Variable	
	Black Spruce	10	Log/Pole	10		Tag Alder	High	5 - 10 feet	5 - 10 feet	
No	rthern White Cedar	60	Log	12	128		,	- 1		-
		4.0		4.0						

Tamarack

Log/Pole

10

12

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Stand	d Level 4 Co	over Type		Size D	ensity	Acres Stand Age	BA Range	Managed S	ite	General Comments
128				No	ne	2.9		Yes		W32-347: seeded 9/1988 - completion report states site was not disked, due to too many rocks. (clover, alfalfa, alsike, trefoil, timothy rye, o. grass).Cultivated and reseeded in 2018 and 2019, 2021, 2022.Mowed to maintain in 2023.
130	6239 - Mixed Er	mergent W	etland	No	ne	9.3		No		
131	4110 - Sugar M	laple Assoc	ciation S	Sawtiml	oer Well	67.6 106	111-140	N/A		Basal areas ranging from 60 to 140. Areas with lower basal area have
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Canopy Specie	es Density	Avg. Height	Size	good maple regeneration. Trace amount of white pine and quaking aspen. (2025)Not all of stand is in need of treatment. Better sugar
	Sugar Maple	73	Log/Pole	10	106	Leatherwood	Medium	< 5 feet	< 5 feet	maple regeneration in areas with lower residual (60-70 BA) stocking
	Red Maple	2	Pole/Log	8		Balsam Fir	Low	Variable	Variable	level (more birch, aspen removed?) - more within middle of stand,
	Basswood	20	Log	16		Ironwood	Low	Variable	Variable	which could be excluded. Higher BA areas still contains regeneration just not as thick. If treat, look at also treating adjacent pre-inventory
	Paper Birch	5	Log	12		White Spruce	Low	Variable	Variable	stand 56 where feasible. May wish to contract out. Select cut
					· · · · · · ·	Sugar Maple	Medium	< 5 feet	< 5 feet	Dec,1998 - Jan, 1999 under permit #025-96 "Prudom's Camp Sale".
						Sugar Maple	High	Variable	Variable	Trace amount of fir, spruce and ironwood pole/saplings within. Map with black stain, cankers, cavities, forks; fair amount of wildlife snag
	Canopy Species	duous % Cover	Size Class	DBI	H Age	Sub-Canopy Specie	es Density	Avg. Height	Size	east side to lower ground. (2025)
	Red Maple	5	Pole	6		Balsam Fir	Low	Variable	Variable	
	Paper Birch	10	Pole	6		Red Maple	Low	Variable	Variable	
	Balsam Poplar	9	Pole	6		Tag Alder	High	5 - 10 feet	5 - 10 feet	
	Balsam Fir	5	Pole	6	1		1			-
	White Spruce	1	Log/Pole	12						
	Black Spruce	15	Pole	8						
No	rthern White Cedar	40	Log/Pole	14	128					
	Tamarack	15	Log/Pole	10						
133	4130 -	- Aspen	F		per Well	47.8 27	1-50	N/A		2015 - Planted 50 highbush cranberries, 50 nannyberry, 100 beaked
133	Canopy Species	- Aspen % Cover		Poletim	per Well	47.8 27 Sub-Canopy Specie		N/A Avg. Height	Size	hazelnut, and 5 mountain ash. Established "Narrow Bridge NE"
133	Canopy Species Quaking Aspen			Poletim						hazelnut, and 5 mountain ash. Established "Narrow Bridge NE" Hunter Walking Trail."Bryan Creek Sale" (units 3,5,6) - cut July, 1998 and August, 1999. 2017 - Hunter walking trail through stand
133	Canopy Species	% Cover	Size Class	Poletiml DBI	H Age	Sub-Canopy Specie	es Density	Avg. Height	Size	hazelnut, and 5 mountain ash. Established "Narrow Bridge NE" Hunter Walking Trail. "Bryan Creek Sale" (units 3,5,6) - cut July, 1998 and August, 1999. 2017 - Hunter walking trail through stand 133 and 112 renamed "RGS Route." Trees planted in 2015 were
133	Canopy Species Quaking Aspen	% Cover 79	Size Class Pole/Sapling	Poletiml DBI 5 6	H Age	Sub-Canopy Specie Black Cherry	Density Low	Avg. Height Variable	Size Variable	hazelnut, and 5 mountain ash. Established "Narrow Bridge NE" Hunter Walking Trail."Bryan Creek Sale" (units 3,5,6) - cut July, 1998 and August, 1999. 2017 - Hunter walking trail through stand
	Canopy Species Quaking Aspen Balsam Poplar Balsam Fir orthern White Cedar	% Cover 79 10 5 2	Size Class Pole/Sapling Pole/Sapling Pole Log/Pole	DBI 5 6 14	H Age	Sub-Canopy Species Black Cherry Balsam Fir Ironwood Red Maple	Low Low	Avg. Height Variable Variable Variable Variable	Size Variable Variable	hazelnut, and 5 mountain ash. Established "Narrow Bridge NE" Hunter Walking Trail. "Bryan Creek Sale" (units 3,5,6) - cut July, 1998 and August, 1999. 2017 - Hunter walking trail through stand 133 and 112 renamed "RGS Route." Trees planted in 2015 were
	Canopy Species Quaking Aspen Balsam Poplar Balsam Fir	% Cover 79 10 5	Size Class Pole/Sapling Pole/Sapling Pole	Poletiml DBI 5 6	H Age	Sub-Canopy Species Black Cherry Balsam Fir Ironwood	Low Low Trace	Avg. Height Variable Variable Variable	Size Variable Variable Variable	hazelnut, and 5 mountain ash. Established "Narrow Bridge NE" Hunter Walking Trail. "Bryan Creek Sale" (units 3,5,6) - cut July, 1998 and August, 1999. 2017 - Hunter walking trail through stand 133 and 112 renamed "RGS Route." Trees planted in 2015 were

Black Cherry

2

Sapling/Pole

4



	Level 4 Co	over Type		Size Density	Acres Stand Age B	A Range	Managed Si	ite	General Comments
134	4112 - Maple, Beec	h, Cherry A	Association I	Poletimber Well	22.4 72	51-80	N/A		Good sugar maple regeneration (2025)"Bryan Creek Sale" #024-96
(Canopy Species	% Cover	Size Class	DBH Age	Sub-Canopy Species	Density	Avg. Height	Size	(unit 4) - select cut in August, 1998. Stand is slowly being converted from birch type towards northern hardwoods. Stand is heavier to
	Sugar Maple	74	Pole/Log	9 72	Sugar Maple	Low	Variable	Variable	paper birch (40-50 BA average) with some maple. Some nice maple
	Red Maple	10	Pole/Log	9	Sugar Maple	High	< 5 feet	< 5 feet	stems noted, but quality issues (forks, seams, cankers) still present.
	Basswood	1	Log	12	Red Maple	Low	Variable	Variable	Regeneration is mainly maple, with a few pockets of fir regeneration. Rolling hills.
	Paper Birch	15	Log	11 72	Hazelnut (Beaked)	Medium	< 5 feet	< 5 feet	Troiling time.
					Wild Red Raspberry	Low	< 5 feet	< 5 feet	
					Balsam Fir	Low	Variable	Variable	
					Ironwood	Low	Variable	Variable	
135	6129 - Mixed Conife	erous Lowl	and Forest	Sawtimber Well	65.1 162	111-140	N/A		Good mix of cedar, tamarack and black spruce. A few small pockets
(Canopy Species	% Cover	Size Class	DBH Age	Sub-Canopy Species	Density	Avg. Height	Size	of almost pure cedar and tamarack. Some higher pockets, but area is minimal. BA variable ranging from 200+ to 70. Tamarack breaking up.
	Red Maple	2	Pole/Log	8	Balsam Fir	Medium	Variable	Variable	Vary wet. (2025)
	Paper Birch	5	Pole	8	Red Maple	Low	Variable	Variable	
C	Quaking Aspen	1	Log	15	Tag Alder	Medium	10 - 20 feet	10 - 20 feet	
Е	Balsam Poplar	5	Pole	8	Black Spruce	Low	Variable	Variable	
	Black Spruce	20	Log/Pole	10					-
Nort	thern White Cedar	47	Log/Pole	12 162					
	Tamarack	20	Log/Pole	10					
		20	Log/i ole	12					
136	6239 - Mixed E			None	17.8		No		
136		mergent W	etland		17.8		No No		Small natural opening within hardwood stand. Milkweed, raspberry
	6239 - Mixed E	mergent W	etland	None	1.5	Density	No		Small natural opening within hardwood stand. Milkweed, raspberry noted.
	6239 - Mixed E	mergent W	etland	None		Density High			
	6239 - Mixed E	mergent W	etland	None None Sawtimber Well	1.5 Sub-Canopy Species Blackberry/Raspberry		No Avg. Height	Size 5 - 10 feet	noted. Cut in 2020 under 32-019-18. North side has a prevalent sugar maple
137	6239 - Mixed Ei	mergent W Density Tre	etland	None None	1.5 Sub-Canopy Species Blackberry/Raspberry	High	No Avg. Height 5 - 10 feet	Size 5 - 10 feet	noted.
137	6239 - Mixed Ei 330 - Low-E 4110 - Sugar M	mergent W Density Tre	etland es	None None Sawtimber Well	1.5 Sub-Canopy Species Blackberry/Raspberry 47.5 120	High 81-110	No Avg. Height 5 - 10 feet N/A	Size 5 - 10 feet	noted. Cut in 2020 under 32-019-18. North side has a prevalent sugar maple seedlings. (2025) OPIC - FMD: FDF, CUT PRMT.# 10-99-01.
137	6239 - Mixed Ei 330 - Low-D 4110 - Sugar M Canopy Species	mergent W Density Tre flaple Assoc	retland es ciation Size Class	None None Sawtimber Well DBH Age	1.5 Sub-Canopy Species Blackberry/Raspberry 47.5 120 Sub-Canopy Species Sugar Maple Sugar Maple	High 81-110 Density	No Avg. Height 5 - 10 feet N/A Avg. Height	Size 5 - 10 feet Size	Cut in 2020 under 32-019-18. North side has a prevalent sugar maple seedlings. (2025) OPIC - FMD: FDF, CUT PRMT.# 10-99-01.
137	6239 - Mixed En 330 - Low-E 4110 - Sugar M Canopy Species Sugar Maple	mergent W Density Tre Maple Assoc **Cover* 80	es ciation Size Class Log/Pole	None None Sawtimber Well DBH Age 11 120	1.5 Sub-Canopy Species Blackberry/Raspberry 47.5 120 Sub-Canopy Species Sugar Maple	High 81-110 Density Medium	No Avg. Height 5 - 10 feet N/A Avg. Height < 5 feet	Size 5 - 10 feet Size < 5 feet	Cut in 2020 under 32-019-18. North side has a prevalent sugar maple seedlings. (2025) OPIC - FMD: FDF, CUT PRMT.# 10-99-01.
137	6239 - Mixed En 330 - Low-E 4110 - Sugar M Canopy Species Sugar Maple	mergent W Density Tre Maple Assoc **Cover* 80	es ciation Size Class Log/Pole	None None Sawtimber Well DBH Age 11 120	1.5 Sub-Canopy Species Blackberry/Raspberry 47.5 120 Sub-Canopy Species Sugar Maple Sugar Maple	High 81-110 Density Medium Low	No Avg. Height 5 - 10 feet N/A Avg. Height < 5 feet > 20 feet	Size 5 - 10 feet Size < 5 feet >20 feet	Cut in 2020 under 32-019-18. North side has a prevalent sugar maple seedlings. (2025) OPIC - FMD: FDF, CUT PRMT.# 10-99-01.
137	6239 - Mixed En 330 - Low-E 4110 - Sugar M Canopy Species Sugar Maple	mergent W Density Tre Maple Assoc **Cover* 80	es ciation Size Class Log/Pole	None None Sawtimber Well DBH Age 11 120	1.5 Sub-Canopy Species Blackberry/Raspberry 47.5 120 Sub-Canopy Species Sugar Maple Sugar Maple Wild Red Raspberry	High 81-110 Density Medium Low Medium	No Avg. Height 5 - 10 feet N/A Avg. Height < 5 feet > 20 feet < 5 feet	Size 5 - 10 feet Size < 5 feet >20 feet < 5 feet	Cut in 2020 under 32-019-18. North side has a prevalent sugar maple seedlings. (2025) OPIC - FMD: FDF, CUT PRMT.# 10-99-01.
137	6239 - Mixed En 330 - Low-E 4110 - Sugar M Canopy Species Sugar Maple	mergent W Density Tre Maple Assoc **Cover* 80	es ciation Size Class Log/Pole	None None Sawtimber Well DBH Age 11 120	1.5 Sub-Canopy Species Blackberry/Raspberry 47.5 120 Sub-Canopy Species Sugar Maple Sugar Maple Wild Red Raspberry White Spruce	High 81-110 Density Medium Low Medium Low	No Avg. Height 5 - 10 feet N/A Avg. Height < 5 feet >20 feet < 5 feet Variable	Size 5 - 10 feet Size < 5 feet > 20 feet < 5 feet Variable	noted. Cut in 2020 under 32-019-18. North side has a prevalent sugar maple seedlings. (2025) OPIC - FMD: FDF, CUT PRMT.# 10-99-01.
137	6239 - Mixed En 330 - Low-E 4110 - Sugar M Canopy Species Sugar Maple	mergent W Density Tre Maple Assoc **Cover* 80	es ciation Size Class Log/Pole	None None Sawtimber Well DBH Age 11 120	1.5 Sub-Canopy Species Blackberry/Raspberry 47.5 120 Sub-Canopy Species Sugar Maple Sugar Maple Wild Red Raspberry White Spruce White Spruce	High 81-110 Density Medium Low Medium Low Low Low	No Avg. Height 5 - 10 feet N/A Avg. Height < 5 feet >20 feet < 5 feet Variable >20 feet	Size 5 - 10 feet Size < 5 feet >20 feet < 5 feet Variable >20 feet	Cut in 2020 under 32-019-18. North side has a prevalent sugar maple seedlings. (2025) OPIC - FMD: FDF, CUT PRMT.# 10-99-01.



Stanc	nd Level 4 Cover Type			Size Density	Acres Stand Age BA Range		Managed Site		General Comments	
139	4130	- Aspen		Poletimber Well	34.5 32	111-140	N/A		Higher and lower areas present. Lower areas have smaller diameter ¬ and are a mix of tamarack, aspen and BAM. (2025)	
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Canopy Species	Density	Avg. Height	Size	and are a mix of tamarack, aspert and BAW. (2020)	
	Sugar Maple	5	Pole	7	Black Cherry	Low	Variable	Variable		
	Quaking Aspen	60	Pole	7 32	Ironwood	Low	Variable	Variable		
	Balsam Poplar	20	Pole/Sapling	6	Red Maple	Low	Variable	Variable		
	Balsam Fir	3	Pole	6	Paper Birch	Low	Variable	Variable		
	White Spruce	2	Pole	6	Balsam Fir	Medium	Variable	Variable		
	Tamarack	10	Pole/Sapling	7						
140	330 - Low-	Density Tre	es	None	3.7		Yes	3		
141	4110 - Sugar N	Maple Asso	ciation Sa	wtimber Mediur	n 7.1 110	81-110	N/A		¬ 2009-Stand treated under contract # 008-09-01 by	
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Canopy Species	Density	Avg. Height	Size	Gartland.Moderate quality northern hardwood with upland cedar,	
	Sugar Maple	85	Log/Pole	10 110	Ironwood	Medium	Variable	Variable	basswood and red maple. Sparse hemlock and yellow birch along the	
	Basswood	10	Log/Pole	14	Sugar Maple	Low	< 5 feet	< 5 feet	transition zone. Northern white cedar has wind damage, tip-ups,	
No	orthern White Cedar	5	Log/Pole	11	Balsam Fir	Medium	Variable	Variable	and high mortality which must have occurred after last harvest in 200 (per previous inventory notes).	
142	6121 -	Tamarack	F	Poletimber Poor	9.6 71	1-50	N/A		Very wet and breaking up. (2025)	
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Canopy Species	Density	Avg. Height	Size		
	Paper Birch	1	Pole	6	Balsam Fir	Low	Variable	Variable		
	Quaking Aspen	2	Pole	8	Tag Alder	High	5 - 10 feet	5 - 10 feet		
	Black Spruce	20	Pole	8		<u> </u>	1		-	
No	orthern White Cedar	5	Log/Pole	10						
	Tamarack	71	Pole/Log	9 71						
	Black Cherry	1	Pole	6						
143	4130	- Aspen		Sapling Well	31.1 7	Immature	N/A	1	Out is 2010. The second of second of the six and a decided	
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Canopy Species	Density	Avg. Height	Size	Cut in 2018. Trace amount of super canopy white pine and cedar. (2025)	
	Quaking Aspen	96	Sapling	1 7	Tag Alder	Low	5 - 10 feet	5 - 10 feet		
	Balsam Fir	2	Sapling	3		·			_	
	Black Cherry	2	Sapling	1						
144	3102	- Grass		None	1.0		No			
145	4110 - Sugar N	Maple Asso	ciation \$	Sawtimber Well	5.7 100	51-80	N/A		Thick fir understory. A few ages present but minor. Also, small gravel ¬ pit present in middle of stand. (2025)OPIC - FMD: CUT WITH	
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Canopy Species	Density	Avg. Height	Size	COMPT 51 STAND 12 UNDER PERMIT #011-98-01Low-moderate	
	Sugar Maple	68	Pole/Log	9 100	Balsam Fir	High	Variable	Variable	quality northern hardwood stand, average BA 80. Can be combined	
	Basswood	25	Log/Pole	10	Ironwood	Low	Variable	Variable	with hardwood stand to the north. More spruce component on south and east side.	
	Paper Birch	2	Pole	8	Northern White Cedar	Trace	Variable	Variable	and east side.	
		5	Log/Pole	10						

Compartment: 51 Year of Entry: 2027



Stand	Stand Level 4 C		Si	Size Density		Acres Stand Age BA Range Managed			Managed 9	Site	General Comments	
146	4130	- Aspen	Po	letimb	er Well	12.5	37	81-110	N/.	A	OPIC - FMD: well-stocked 4" dbh. Fir understory in areas 4-6' tall but	
(Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	opy Species	Density	Avg. Height	Size	some larger. Cut in 1988 under permit #010-97-1 "Perrin Brothers Island Sale" (unit 1). 2015: Some uprooting noted and dieback.	
	Red Maple	1	Pole	6			sam Fir	Medium	Variable	Variable	Ground cover of raspberry, hazel and bracken fern all present. Nice	
	Paper Birch	1	Pole	6		Suga	ar Maple	High	>20 feet	>20 feet	sugar maple in understory. Small vernal area within north tip of	
	Quaking Aspen	95	Pole	8	37	Red	d Maple	High	Variable	Variable	stand - smaller aspen here as well.	
	Balsam Fir	2	Pole	8				1				
	Black Cherry	1	Pole	6								
147	4110 - Sugar M	laple Asso	ciation Sa	wtimb	er Well	10.2	106	81-110	N/.	A	OPIC - FMD: Thinned for 2nd time Jan,1998 Tri-Forestry permit #16-	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	97-01 "Perrin Camp Sale" (unit 8). Good quality stand except no regeneration. Steep slope down to wetland riparian area next to	
	Sugar Maple	80	Log/Pole/XLog	10	106		ım Poplar	Low	5 - 10 feet	5 - 10 feet	chandler brook uncut about 3 acres total. Part of stand is M6 but most	
	Basswood	5	Log	14		White	e Spruce	Low	< 5 feet	< 5 feet	of stand is M9 now. Some upland cedar. Most of stand is sugar maple	
	Paper Birch	5	Log	12		Iro	nwood	Medium	10 - 20 feet	10 - 20 feet	but other hardwoods are basswood, red maple, white birch, yellow birch, and black cherry. 2015; Still little maple regeneration; on NW	
	Balsam Fir	2	Pole/Log/Sap	7		Suga	ar Maple	Medium	< 5 feet	< 5 feet	facing slope there is 5-10' seedlings established, though. Borer	
	White Spruce	2	Log	14		Hazelni	ut (Beaked)	Low	< 5 feet	< 5 feet	damage and canker defects still within stand.	
Nort	hern White Cedar	1	Log	12		Bal	sam Fir	Low	< 5 feet	< 5 feet		
	Black Cherry	5	Log	14								
148		onifer			r Mediui		106	51-80	N/.		OPIC - FMD: This stand was heavy to balsam fir which mostly died about 1989 by spruce budworm. Mostly M6 south and M5 or M4 north put good regeneration of hardwoods 5-10' tall sugar and red maple in	
	Canopy Species		Size Class		I Age		opy Species	Density	Avg. Height	Size	those sparse areas. Some fir, spruce and aspen in the stand.	
	Sugar Maple	25	Pole/Log/Sap	9	106		sam Fir	Medium	Variable	Variable	Probably could thin in 10-20 years. Would take a couple thinnings to	
	Red Maple	23	Pole/Log/XLog	8	106		ar Maple	Medium	10 - 20 feet	10 - 20 feet	get the timber quality up but the regeneration here makes the hardwood have good potential. There is also Yellow and white birch,	
	Yellow Birch	1	XLog	24		Hazelni	ut (Beaked)	Medium	< 5 feet	< 5 feet	cherry, basswood in the stand. Some good den trees and good	
	Paper Birch	9	Log/Pole/XLog	10							vertical structure and species diversity offer good wildlife habitat	
(Quaking Aspen	2	Log/XLog/Pole	12							currently. 2015: Mixed and variable stand, as previously noted. Areas with more pole/saplings and extra large stems - missing log	
	Balsam Fir	15	Pole/Log/Sap	8							class. Black stain heavy on maple. Sprout origin red maple. Pockets	
	White Spruce	15	Log/XLog/Pole	16							of predominately spruce/fir and some wet ground interspersed.	
Nort	hern White Cedar	5	Log	12							Princess pine, club moss ground cover noted.	
149	4199 - Other Mixe	d Upland D	eciduous Sa	wtimb	er Well	12.5	70	81-110	N/.	A	Trace amount of cherry and basswood in canopy. BA is variable,	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	opy Species	Density	Avg. Height	Size	paper birch falling out. sugar maple sapling in subcanopy.OPIC - FMD: Birch looks healthy and younger near No stand east but older	
	Sugar Maple	5	Pole/Log	8		Bal	sam Fir	High	Variable	Variable	west and some dieback is happening there. Converting to red maple	
	Red Maple	45	Pole/Log	8		Suga	ar Maple	Medium	10 - 20 feet	10 - 20 feet	and fir west and birch is larger. Younger birch is healthy. Stand is	
	Paper Birch	45	Log/Pole	11	70		d Maple	Low	Variable	Variable	about evenly split between the two ages. After separating out a buffer on the vernal area of the No stand not much timber to be harvested in	
	White Spruce	5	Log/Pole	11	L .			1	1	1	this stand. Recommend waiting 10 years and harvest with nearby	
											hardwood and other stands if ready. 2015: Areas more to maple	

now; birch is dead/dying out - retain buffer along marsh type and treat stand with adjacent aspen/fir harvest, where feasible. North end of

stand has some advanced maple regeneration already.

5

Pole/Sapling

Compartment: 51 Year of Entry: 2027



Stand	Level 4 C			Size Density		Acres	Stand Age B	tand Age BA Range		ite	General Comments	
150	4130	- Aspen	5	Sawtimbe	er Well	25.5	49	111-140	N/A		75% canopy closure. Super canopy older trees present but overall,	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	very low percentage of canopy. Cut 2017 under Perrin Brothers North GEMS SBW (32-014-16) (2025)Mix of species in areas, Hardwood	
	Sugar Maple	2	Log/Pole	10		Blac	k Cherry	Low	Variable	Variable	is maple (low quality), white birch and cherry. Some uprooting and	
	Red Maple	5	Pole	7		Blac	k Cherry	Low	Variable	Variable	blowdown of aspen occurring. M3 understory(sugar maple) in areas,	
	Paper Birch	1	Pole	8		Bal	lsam Fir	Medium	Variable	Variable	F3 elsewhere most under 2" dbh. Hazel and raspberry, some elderberry, juneberry in the shrub layer. Cut spring,1976 under permit	
	Quaking Aspen	75	Log/Pole	11	49	Bal	lsam Fir	Medium	Variable	Variable	# 7/76A "Perrin Brothers Road Block".	
	Bigtooth Aspen	10	Log/Pole	11		Sug	ar Maple	Low	Variable	Variable		
	Balsam Poplar	5	Log/Pole	11		Red	d Maple	Medium	Variable	Variable		
	Balsam Fir	2	Pole	8		Whit	e Spruce	Low	Variable	Variable		
				'		Whit	e Spruce	Low	Variable	Variable		
151	4130	- Aspen	F	Poletimb	er Well	3.0	37	81-110	N/A		OPIC - FMD: well-stocked 4" dbh. Fir understory in areas 4-6' tall but	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	some larger. Cut in 1988 under permit #010-97-1 "Perrin Brothers Island Sale" (unit 1). 2015: Some uprooting noted and dieback.	
	Red Maple	1	Pole	6		Bal	lsam Fir	Medium	Variable	Variable	Ground cover of raspberry, hazel and bracken fern all present. Nice	
	Paper Birch	1	Pole	6		Sug	ar Maple	High	>20 feet	>20 feet	sugar maple in understory. Small vernal area within north tip of	
	Quaking Aspen	95	Pole	8	37	Red	d Maple	High	Variable	Variable	stand - smaller aspen here as well.	
	Balsam Fir	2	Pole	8					1			
	Black Cherry	1	Pole	6								
152	4112 - Maple, Beed	h, Cherry A	Association F	Poletimb	er Well	9.7	75	81-110	N/A		OPIC - FMD: Thinned Oct, 1997 and May, 2000 permit #16-97-01	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	"Perrin Camp Sale" (unit 5) by Tri-Forestry. Mostly a poorer timber quality red maple stand but some sugar on the higher elevations.	
	Sugar Maple	20	Log/Pole	12		Bal	lsam Fir	Medium	Variable	Variable	Good regeneration 6' tall in spots being fed on by deer but may	
	Red Maple	66	Pole/Log	9	75	Sug	ar Maple	Medium	Variable	Variable	escape. Overall timber quality has improved with the last harvest and	
	Paper Birch	3	Log/Pole	10		Whit	e Spruce	Low	Variable	Variable	good potential is here. Good species diversity in this stand. Softwoods are Hemlock, cedar, spruce and fir. 2015: Paper birch heavy along	
	Balsam Fir	2	Pole	8							marsh type with heavy fir understory and smaller sugar maple.	
	White Spruce	3	Pole/Log	8							Transitions into more pure hardwood with 10-15' maple saplings.	
No	rthern White Cedar	5	Log	10							Larger white spruce is dying - budworm. Black stain on sugar maple noted.	
	Black Cherry	1	Pole	8							noted.	
153	4319 - Mixed	Upland Fo	orest F	Poletimb	er Well	27.5	67	51-80	N/A		Thick fir understory in most areas. A few semi-open areas within.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	Trace amount of large-diameter maple. Budworm evidence in spruce; aspen in decline - a lot dead already. Treat now.	
	Quaking Aspen	40	Log/Pole	10	67	Bal	Isam Fir	High	>20 feet	>20 feet	asport in accimic - a for acad ancady. Treat now.	
	Balsam Poplar	5	Pole	7		Blac	k Cherry	Medium	Variable	Variable		
	Balsam Fir	30	Pole/Log	8		Sug	ar Maple	Medium	Variable	Variable		
	White Spruce	20	Pole/Log/Sap	5 6				1			_	

Black Cherry

5

Gwinn Mgt. Unit



Stand	Level 4 Co	over Type	s	ize De	nsity	Acres Stand Age I	BA Range	Managed Si	te	General Comments
154	6111 - Lowland Balsam Poplar			Sapling Well		23.9 26	Immature	N/A		Almost pole stand but not yet.OPIC - FMD: Cut July, 1998 by Tri-
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	forestry permit #16-97-01 "Perrin Camp Sale" (unit 7). Small patch left uncut north due to wetter soil and is less than 2 acres. 1" dbh average
	Sugar Maple	2	Log/Pole	10		Black Cherry	Low	Variable	Variable	but some up to 2" dbh due to staggered cutting by contractor. Well-
	Paper Birch	10	Sapling	2		Balsam Fir	Medium	Variable	Variable	stocked mostly but some sparse areas with red maple sprouting and
	Quaking Aspen	17	Sapling/Pole	4	26	Sugar Maple	High	Variable	Variable	fir seeding in those areas. Fir is seeding in throughout stand. Cedar left throughout stand and only a minor amount has blown down. Some
	Balsam Poplar	60	Sapling/Pole	4	26	Red Maple	Low	Variable	Variable	aspen clones but most of this stand is balsam poplar. A wetter soil
	Balsam Fir	2	Sapling/Pole	4						here but not as low as the typical lowland conifer stand.
Nor	rthern White Cedar	2	Pole/Log	8						
	White Pine	2	Pole/Sapling	5						
	Black Ash	5	Pole/Sapling	5						
155	330 - Low-D	Density Tree	es	Noi	ne	2.7		No		Previously treated under FTP W32-426: cleared 9/24/91 and seeded 6/92.
156	42200 - Natu	ral White P	ine Sa	wtimb	er Well	6.3 120 81-110		N/A		White spruce and balsam falling out. (2025)OPIC - FMD: Scattered
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	large white pine. Stand was cut all but pine cedar and some large maple and spruce about 1980. Thick balsam fir understory is 15-20+
	Sugar Maple	1	Log	16		Red Maple	Medium	>20 feet	>20 feet	foot tall. 2015: no white pine regeneration noted.
	Red Maple	2	Pole	8		Balsam Fir	High	Variable	Variable	
	D D: 1					Dalballi i li		7 011 1010 10		
	Paper Birch	5	Log/Pole	10	45	Balcalli I II	19	7 3.113.15		
	Balsam Fir	5	Log/Pole Pole/Sapling	10	45	Ballatii	9	T GIT I GIT		
	<u>'</u>				45	Daloum 1 II		Variable		
	Balsam Fir	5	Pole/Sapling	6	45	Daloum 1 II				
Nor	Balsam Fir White Spruce	5 3	Pole/Sapling Log	6	45	Dalisani i ii	19			
Nor	Balsam Fir White Spruce Black Spruce	5 3 1	Pole/Sapling Log Pole/Sapling	6 16 6	120	Daloum 1 ii				
Nor	Balsam Fir White Spruce Black Spruce rthern White Cedar	5 3 1 1	Pole/Sapling Log Pole/Sapling Log	6 16 6 12		Dalisani i ii	,			
	Balsam Fir White Spruce Black Spruce rthern White Cedar White Pine	5 3 1 1 80 2	Pole/Sapling Log Pole/Sapling Log XLog/Log Pole/Sapling	6 16 6 12 22 6		4.6 75	81-110	N/A		
157	Balsam Fir White Spruce Black Spruce rthern White Cedar White Pine Black Cherry	5 3 1 1 80 2	Pole/Sapling Log Pole/Sapling Log XLog/Log Pole/Sapling	6 16 6 12 22 6	120		81-110		Size	
157	Balsam Fir White Spruce Black Spruce rthern White Cedar White Pine Black Cherry 4112 - Maple, Beec	5 3 1 1 80 2	Pole/Sapling Log Pole/Sapling Log XLog/Log Pole/Sapling ssociation Pole/Sapling	6 16 6 12 22 6	120	4.6 75	81-110	N/A		
157	Balsam Fir White Spruce Black Spruce rthern White Cedar White Pine Black Cherry 4112 - Maple, Beec Canopy Species	5 3 1 1 80 2 h, Cherry A	Pole/Sapling Log Pole/Sapling Log XLog/Log Pole/Sapling ssociation Size Class	6 16 6 12 22 6 DBH	120	4.6 75 Sub-Canopy Species	81-110 Bensity	N/A A vg. Height	Size	
157	Balsam Fir White Spruce Black Spruce rthern White Cedar White Pine Black Cherry 4112 - Maple, Beec Canopy Species Sugar Maple	5 3 1 1 80 2 h, Cherry A	Pole/Sapling Log Pole/Sapling Log XLog/Log Pole/Sapling ssociation Pole/Sapling Size Class Log/Pole	6 16 6 12 22 6 Dletimb	120 er Well	4.6 75 Sub-Canopy Species Northern White Cedar	81-110 S Density Low	N/A Avg. Height Variable	Size Variable	

Compartment: 51 Year of Entry: 2027



Stand	d Level 4 Co	ver Type	;	Size De	nsity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
158	4130 -	Aspen		Sapling Well		46.6 16 Immature			N/A	\	Trace amount of super canopy white spruce. (2025)Stand treated
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	under contract # 018-07-01 "Perrin Central Sale" (unit 1 - 3) - harvested spring/summer, 2009.
	Sugar Maple	1	Log/Pole	12		Bals	sam Fir	Low	Variable	Variable	
	Red Maple	2	Sapling/Pole	4		Black	k Cherry	Medium	Variable	Variable	
	Paper Birch	1	Sapling	2		Suga	ar Maple	Low	Variable	Variable	
	Quaking Aspen	45	Sapling/Pole	3	16	Tag	g Alder	Trace	5 - 10 feet	5 - 10 feet	
	Bigtooth Aspen	30	Sapling/Pole	3	16						
	Balsam Poplar	10	Sapling/Pole	3	16						
	Balsam Fir	5	Pole	5							
	White Pine	1	Log/XLog	15							
	Black Cherry	5	Sapling/Pole	4							
59	4139 - Aspen, N	Mixed Deci	duous	Sapling	Well	31.3	8 I	mmature	N/A	1	75% canopy closure. Super canopy older trees present but overall, very low percentage of canopy. Cut 2017 under Perrin Brothers North
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	GEMS SBW (32-014-16) (2025)Mix of species in areas, Hardwood
	Sugar Maple	1	Log/Pole	15		Wild Red	d Raspberry	Medium	< 5 feet	< 5 feet	is maple (low quality), white birch and cherry. Some uprooting and
	Sugar Maple	2	Sapling	2							blowdown of aspen occurring. M3 understory(sugar maple) in areas,
	Basswood	2	Log/Pole	15							F3 elsewhere most under 2" dbh. Hazel and raspberry, some elderberry, juneberry in the shrub layer. Cut spring, 1976 under permit
	Paper Birch	1	Sapling	1							# 7/76A "Perrin Brothers Road Block".
	Quaking Aspen	57	Sapling	1	8						
	Balsam Poplar	25	Sapling	2							
	Balsam Fir	2	Sapling/Pole	4							
	Black Cherry	10	Sapling/Pole	4							
60	4110 - Sugar Ma	aple Assoc	ciation S	Sawtimb	er Well	29.8	120	111-140	N/A	\	Gaps have varying levels of success. (2025)West Gems MWR
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	sale cut 2017.OPIC - FMD: Thinned Dec, 1997 - June,1998 Tri- Forestry permit #16-97-01 "Perrin Camp Sale". Also C32-382: TSI
	Sugar Maple	80	Log/Pole	12	120	Bals	sam Fir	Trace	Variable	Variable	removing ironwood and some marked trees completed in Dec, 1981.
	Basswood	20	Log	13		White	e Spruce	Trace	Variable	Variable	Nice timber quality here and is sawlog size. Lower elevation along
						Iroi	nwood	Low	Variable	Variable	clearcut trees show some dieback from possible soil compaction during last harvest but most of the stand is healthy and good quality.
						Suga	ar Maple	Medium	Variable	Variable	Some higher BA areas but crown room in most areas. M3 gaps from
						Suga	ar Maple	Low	< 5 feet	< 5 feet	1970s harvest 2-4 inches dbh. New M3 regeneration is 3-4' tall and is
						Suga	ar Maple	Low	>20 feet	>20 feet	mostly in the west part of stand. Some feeding by deer but seedlings may escape. Some scarlet elderberry on landings. 2015: regeneration
						Wild Red	d Raspberry	Medium	< 5 feet	< 5 feet	in west part of stand is now 10' + range.
						Black	k Cherry	Trace	Variable	Variable	
						Elde	erberry	Low	5 - 10 feet	5 - 10 feet	
161	4199 - Other Mixed	d Upland D	eciduous F	oletimb	er Well	8.6	26	51-80	N/A	١	This stand is a little higher site than stand to the west, stand 154.
	Canopy Species	% Cover	Size Class		Age						Trees are a little larger, just barely a pole stand. (2025)OPIC - FMD: Cut permit #16-97-01 "Perrin Camp Sale" (unit 6) in July, 1998
	Quaking Aspen	20	Pole/Sapling	5	26						by Tri-Forestry. Mostly well-stocked A3. Some P2 balsam poplar and
	Balsam Poplar	70	Sapling/Pole	4	26						some F1/G. 3/4 of stand well-stocked with hardwoods. MO was
	Balsam Fir	5	Pole	8							originally fir, but aspen sprouted vigorously here. The part of the stand not fully stocked has seeded in with fir. Some larger A,P along old
	White Spruce	4	Pole	8							skid trail should be harvested with adjacent stand.
	DI 1 01	4	D 1 (0 1:								

Pole/Sapling

Black Cherry



Stand	Level 4 Co	over Type	;	Size De	nsity	Acres S	Stand Age B	A Range	Managed Si	te	General Comments
162	3301 - Low Densi	ty Deciduo	us Trees	Noi	ne	1.0			No		Old opening filling in with trees.
						Sub-Cand	py Species	Density	Avg. Height	Size	
						Balsar	n Poplar	Medium	Variable	Variable	
						Bals	am Fir	Low	>20 feet	>20 feet	
163	4110 - Sugar M	laple Assoc	ciation S	Sawtimb	er Well	1.1	120	111-140	N/A		OPIC - FMD: Thinned 1998 permit #16-97-01 by Tri-Forestry. Mostly ¬ a poorer timber quality maple stand. 2015: Small island of hardwood
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Cand	ppy Species	Density	Avg. Height	Size	within aspen types. Borer damage to sugar maple; basswood in
	Sugar Maple	70	Log	15	120	Bals	am Fir	Medium	>20 feet	>20 feet	clumps. Thick fir understory.
	Basswood	30	Log	12		Bals	am Fir	High	Variable	Variable	
164	4130	- Aspen	Р	oletimb	er Well	17.8	27	1-50	N/A		OPIC - FMD: Cut in 1998 K&K logging permit #15-97-01 "Twin Porkie
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Cand	py Species	Density	Avg. Height	Size	Sale" (unit 6 and 7). Balm on lower edge near swamp. Raspberry ground cover.
	Sugar Maple	2	Pole	7		Suga	r Maple	High	Variable	Variable	ground cover.
	Quaking Aspen	90	Pole/Sapling	5	27	White	Spruce	Trace	Variable	Variable	
	Balsam Poplar	5	Pole/Sapling	5		Iron	wood	Low	Variable	Variable	
	Balsam Fir	2	Pole	7							_
	Black Cherry	1	Pole/Sapling	5							
165	4112 - Maple, Beec	h, Cherry A	Association S	Sawtimb	er Well	1.2	100	111-140	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	
	Sugar Maple	30	Log/Pole	10	115	Bals	am Fir	Low	Variable	Variable	
	Red Maple	67	Log/Pole	10	100						
	Yellow Birch	1	Log/Pole	12							
	Paper Birch	2	Log/Pole	10							
166	4119 - Mixed No	orthern Hard	dwoods P	oletimb	er Well	1.9	105	111-140	N/A		Balsam fir breaking up and falling apart.OPIC - FMD: Thinned Nov-
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Cand	ppy Species	Density	Avg. Height	Size	Dec, 1997 permit #16-97-01 "Perrin Camp Sale" by Tri-forestry. Mostly a poorer timber quality red maple stand but some sugar on the
	Sugar Maple	54	Pole/Log	9	105	Bals	am Fir	High	Variable	Variable	higher elevations. Good regeneration 6' tall in spots being fed on by
	Red Maple	25	Pole/Log	9	105	Suga	r Maple	Low	>20 feet	>20 feet	deer but may escape. Overall timber quality has improved with the last harvest and good potential is here. 2015: More open-grown maple -
	Basswood	10	Log/XLog	15		White	Spruce	Low	< 5 feet	< 5 feet	clumps and still numerous defects, but stand has future potential.
	Balsam Fir	10	Pole	7		Iron	wood	Medium	>20 feet	>20 feet	Leatherwood noted in ground cover with lycopodium.
	White Spruce	1	Pole	8							
167	4112 - Maple, Beec	h, Cherry A	Association S	Sawtimb	er Well	13.0	106	111-140	N/A		Trace amount of yellow birch, paper birch, and basswood in canopy. — (2025)Stand treated under contract # 018-07-01 "Perrin Central
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Cand	opy Species	Density	Avg. Height	Size	Sale" (unit 4) in fall, 2010; was to be underplanted with hemlock after
	Sugar Maple	70	Log/Pole	11		Bals	am Fir	Medium	Variable	Variable	harvest, but never accomplished. Aspen which was left is dying out;
	D 1111	20	Log/Pole	11	106	Rec	d Oak	Trace	Variable	Variable	some uprooting/maple snap noted. Not a whole lot of seedling maple
	Red Maple	20	209/1 010		100		ı Oak	11400		Variable	regeneration noted OPIC EMD: Thinned 1080 Same near timber
	Quaking Aspen Balsam Fir	8	Log	11	100		r Maple	High	Variable	Variable	regeneration noted. OPIC - FMD: Thinned 1980. Some poor timber quality trees here but good potential especially the sugar maple.



Stand	d Level 4 C	over Type	S	Size De	nsity	Acres	Stand Age E	SA Range	Managed S	ite	General Comments
168	4130 - Aspen		;	Sapling Well			Trace amount of yellow birch, red oak, iron wood, and white spruce in				
	Canopy Species % Cove		Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	canopy. (2025)Stand treated under contract # 018-07-01 "Perrin Central Sale" (unit 5 and 6) - harvested summer, 2009. Scattered
	Sugar Maple	2	Pole	9		Bal	lsam Fir	Low	Variable	Variable	residual hardwoods left with patchy spruce/fir clumps. Visual retention
	Red Maple	5	Sapling/Pole	4		Sug	jar Maple	Medium	5 - 10 feet	5 - 10 feet	patch of hardwood/aspen left along Co Rd.
	Paper Birch	2	Sapling	3		Blac	ck Cherry	Trace	Variable	Variable	
	Quaking Aspen	aking Aspen 86 Sapling	3	16						_	
	Balsam Fir	5	Sapling/Pole	3							
169	310 - Herbac	ceous Open	land	Noi	ne	1.4			No		Field filling in with balsam fir, cherry and birch
170	4134 - Aspe	en, Spruce/	'Fir Sa	awtimb	er Well	I 9.0	65	81-110	N/A		OPIC - FMD: Mix of aspen and fir. Some sparse areas filling in with fir west and is almost F6 there. Moist and wetter areas west as well but most of stand is upland. Some mature aspen is mixed in and may be a remnant of the previous stand. Most of stand not quite mature but is
											merchantable. 2015: Budworm issues were noted fall, 2014, especially along grass type. Stand should be harvested. 6/17: Remotely updated stand to get rid of validation error.
171	4110 - Sugar N	Maple Assoc			er Well	J 9.2	108	111-140	N/A		especially along grass type. Stand should be harvested. 6/17: Remotely updated stand to get rid of validation error. Nice stand. Trace amount of white spruce in canopy. (2025)2015:
171	Canopy Species	% Cover	Size Class	DBF	I Age	Sub-Car	nopy Species		Avg. Height	Size	especially along grass type. Stand should be harvested. 6/17: Remotely updated stand to get rid of validation error. Nice stand. Trace amount of white spruce in canopy. (2025)2015: Possibly select cut; BA averages only around 100 - 110. Aspen and paper birch within are dying. OPIC - FMD: Cut permit #15-97-01 K. K.
171	Canopy Species Sugar Maple		Size Class Log/Pole	DB I	I Age	Sub-Car			Avg. Height Variable	Size Variable	especially along grass type. Stand should be harvested. 6/17: Remotely updated stand to get rid of validation error. Nice stand. Trace amount of white spruce in canopy. (2025)2015: Possibly select cut; BA averages only around 100 - 110. Aspen and paper birch within are dying. OPIC - FMD: Cut permit #15-97-01 K. K. Logging in 1998. Still crown room and BA ok but some thick areas
171	Canopy Species Sugar Maple Red Maple	% Cover 77 3	Size Class Log/Pole Log/Pole	13 13	I Age	Sub-Car Bal Leat	nopy Species Isam Fir therwood	Density	Avg. Height Variable 5 - 10 feet	Size Variable 5 - 10 feet	especially along grass type. Stand should be harvested. 6/17: Remotely updated stand to get rid of validation error. Nice stand. Trace amount of white spruce in canopy. (2025)2015: Possibly select cut; BA averages only around 100 - 110. Aspen and paper birch within are dying. OPIC - FMD: Cut permit #15-97-01 K. K. Logging in 1998. Still crown room and BA ok but some thick areas where stand was not marked enough last time. Not enough to cut this
171	Canopy Species Sugar Maple Red Maple Yellow Birch	% Cover 77 3 10	Size Class Log/Pole Log/Pole Log/Pole	13 13 13	I Age	Sub-Car Bal Leat Sug	nopy Species Isam Fir therwood par Maple	Low Low Low	Avg. Height Variable 5 - 10 feet < 5 feet	Size Variable 5 - 10 feet < 5 feet	especially along grass type. Stand should be harvested. 6/17: Remotely updated stand to get rid of validation error. Nice stand. Trace amount of white spruce in canopy. (2025)2015: Possibly select cut; BA averages only around 100 - 110. Aspen and paper birch within are dying. OPIC - FMD: Cut permit #15-97-01 K. K. Logging in 1998. Still crown room and BA ok but some thick areas
171	Canopy Species Sugar Maple Red Maple Yellow Birch Basswood	% Cover 77 3 10 5	Size Class Log/Pole Log/Pole Log/Pole Log/Pole	13 13 13 15	I Age	Sub-Car Bal Leat Sug	nopy Species Isam Fir therwood gar Maple gar Maple	Low Low Low Low	Avg. Height Variable 5 - 10 feet < 5 feet Variable	Variable 5 - 10 feet < 5 feet Variable	especially along grass type. Stand should be harvested. 6/17: Remotely updated stand to get rid of validation error. Nice stand. Trace amount of white spruce in canopy. (2025)2015: Possibly select cut; BA averages only around 100 - 110. Aspen and paper birch within are dying. OPIC - FMD: Cut permit #15-97-01 K. K. Logging in 1998. Still crown room and BA ok but some thick areas where stand was not marked enough last time. Not enough to cut this cycle. Good quality yellow birch here but some have dieback. Good
	Canopy Species Sugar Maple Red Maple Yellow Birch Basswood Paper Birch	% Cover 77 3 10 5 3	Size Class Log/Pole Log/Pole Log/Pole Log Log Log	13 13 13 15 10	I Age	Sub-Car Bal Leat Sug	nopy Species Isam Fir therwood par Maple	Low Low Low	Avg. Height Variable 5 - 10 feet < 5 feet	Size Variable 5 - 10 feet < 5 feet	especially along grass type. Stand should be harvested. 6/17: Remotely updated stand to get rid of validation error. Nice stand. Trace amount of white spruce in canopy. (2025)2015: Possibly select cut; BA averages only around 100 - 110. Aspen and paper birch within are dying. OPIC - FMD: Cut permit #15-97-01 K. K. Logging in 1998. Still crown room and BA ok but some thick areas where stand was not marked enough last time. Not enough to cut this cycle. Good quality yellow birch here but some have dieback. Good
	Canopy Species Sugar Maple Red Maple Yellow Birch Basswood	% Cover 77 3 10 5	Size Class Log/Pole Log/Pole Log/Pole Log/Pole	13 13 13 15	I Age	Sub-Car Bal Leat Sug	nopy Species Isam Fir therwood gar Maple gar Maple	Low Low Low Low	Avg. Height Variable 5 - 10 feet < 5 feet Variable	Variable 5 - 10 feet < 5 feet Variable	especially along grass type. Stand should be harvested. 6/17: Remotely updated stand to get rid of validation error. Nice stand. Trace amount of white spruce in canopy. (2025)2015: Possibly select cut; BA averages only around 100 - 110. Aspen and paper birch within are dying. OPIC - FMD: Cut permit #15-97-01 K. K. Logging in 1998. Still crown room and BA ok but some thick areas where stand was not marked enough last time. Not enough to cut this cycle. Good quality yellow birch here but some have dieback. Good
	Canopy Species Sugar Maple Red Maple Yellow Birch Basswood Paper Birch	% Cover 77 3 10 5 3 2	Size Class Log/Pole Log/Pole Log/Pole Log Log Log/Pole Log/Pole	13 13 13 15 10	1 Age 108	Sub-Car Bal Leat Sug Sug	nopy Species Isam Fir therwood gar Maple gar Maple	Low Low Low Low	Avg. Height Variable 5 - 10 feet < 5 feet Variable	Size Variable 5 - 10 feet < 5 feet Variable Variable	especially along grass type. Stand should be harvested. 6/17: Remotely updated stand to get rid of validation error. Nice stand. Trace amount of white spruce in canopy. (2025)2015: Possibly select cut; BA averages only around 100 - 110. Aspen and paper birch within are dying. OPIC - FMD: Cut permit #15-97-01 K. K. Logging in 1998. Still crown room and BA ok but some thick areas where stand was not marked enough last time. Not enough to cut this cycle. Good quality yellow birch here but some have dieback. Good sugar maple regeneration is 3-6' tall. Balsam fir falling out. Varying ages of aspen and BAM present. Very
	Canopy Species Sugar Maple Red Maple Yellow Birch Basswood Paper Birch Quaking Aspen	% Cover	Size Class Log/Pole Log/Pole Log/Pole Log Log Log/Pole Log/Pole	13 13 13 15 10 11	1 Age 108	Sub-Car Bal Leat Sug Sug Iro	nopy Species Isam Fir therwood yar Maple yar Maple onwood	Low Low Low Low Medium	Avg. Height Variable 5 - 10 feet < 5 feet Variable Variable	Size Variable 5 - 10 feet < 5 feet Variable Variable	especially along grass type. Stand should be harvested. 6/17: Remotely updated stand to get rid of validation error. Nice stand. Trace amount of white spruce in canopy. (2025)2015: Possibly select cut; BA averages only around 100 - 110. Aspen and paper birch within are dying. OPIC - FMD: Cut permit #15-97-01 K. K. Logging in 1998. Still crown room and BA ok but some thick areas where stand was not marked enough last time. Not enough to cut this cycle. Good quality yellow birch here but some have dieback. Good sugar maple regeneration is 3-6' tall.
172	Canopy Species Sugar Maple Red Maple Yellow Birch Basswood Paper Birch Quaking Aspen 6129 - Mixed Conife	% Cover	Size Class Log/Pole Log/Pole Log Log Log/Pole Log/Pole Log/Pole and Forest Pole	13 13 13 15 10 11	108 108	Sub-Car Bal Leat Sug Sug Iro	nopy Species Isam Fir therwood gar Maple gar Maple ponwood	Low Low Low Low Medium	Avg. Height Variable 5 - 10 feet < 5 feet Variable Variable N/A	Size Variable 5 - 10 feet < 5 feet Variable Variable	especially along grass type. Stand should be harvested. 6/17: Remotely updated stand to get rid of validation error. Nice stand. Trace amount of white spruce in canopy. (2025)2015: Possibly select cut; BA averages only around 100 - 110. Aspen and paper birch within are dying. OPIC - FMD: Cut permit #15-97-01 K. K. Logging in 1998. Still crown room and BA ok but some thick areas where stand was not marked enough last time. Not enough to cut this cycle. Good quality yellow birch here but some have dieback. Good sugar maple regeneration is 3-6' tall. Balsam fir falling out. Varying ages of aspen and BAM present. Very
172	Canopy Species Sugar Maple Red Maple Yellow Birch Basswood Paper Birch Quaking Aspen 6129 - Mixed Conife Canopy Species	% Cover 77 3 10 5 3 2 Ferous Lowle % Cover	Size Class Log/Pole Log/Pole Log Log/Pole Log/Pole Log/Pole And Forest Pole Size Class	DBH 13 13 13 15 10 11 etimber	108 108 108 r Mediu	Sub-Car Bal Leat Sug Sug Iro Im 67.7 Sub-Car	nopy Species Isam Fir therwood gar Maple gar Maple ponwood 100 nopy Species	Low Low Low Low Medium 1-50 Density	Avg. Height Variable 5 - 10 feet < 5 feet Variable Variable Variable N/A Avg. Height	Size Variable 5 - 10 feet < 5 feet Variable Variable Variable	especially along grass type. Stand should be harvested. 6/17: Remotely updated stand to get rid of validation error. Nice stand. Trace amount of white spruce in canopy. (2025)2015: Possibly select cut; BA averages only around 100 - 110. Aspen and paper birch within are dying. OPIC - FMD: Cut permit #15-97-01 K. K. Logging in 1998. Still crown room and BA ok but some thick areas where stand was not marked enough last time. Not enough to cut this cycle. Good quality yellow birch here but some have dieback. Good sugar maple regeneration is 3-6' tall. Balsam fir falling out. Varying ages of aspen and BAM present. Very
172	Canopy Species Sugar Maple Red Maple Yellow Birch Basswood Paper Birch Quaking Aspen 6129 - Mixed Conife Canopy Species Quaking Aspen	% Cover 77 3 10 5 3 2 Ferous Lowlar 6 5 5	Size Class Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole Size Class Pole	DBH 13 13 13 15 10 11 etimber 5	108 108 108 r Mediu	Sub-Car Bal Leat Sug Sug Iro Im 67.7 Sub-Car Bal Blac	Isam Fir therwood gar Maple ponwood 100 nopy Species	Low Low Low Low Medium 1-50 Density High	Avg. Height Variable 5 - 10 feet < 5 feet Variable Variable N/A Avg. Height Variable	Size Variable 5 - 10 feet < 5 feet Variable Variable Size Variable	especially along grass type. Stand should be harvested. 6/17: Remotely updated stand to get rid of validation error. Nice stand. Trace amount of white spruce in canopy. (2025)2015: Possibly select cut; BA averages only around 100 - 110. Aspen and paper birch within are dying. OPIC - FMD: Cut permit #15-97-01 K. K. Logging in 1998. Still crown room and BA ok but some thick areas where stand was not marked enough last time. Not enough to cut this cycle. Good quality yellow birch here but some have dieback. Good sugar maple regeneration is 3-6' tall. Balsam fir falling out. Varying ages of aspen and BAM present. Very
172	Canopy Species Sugar Maple Red Maple Yellow Birch Basswood Paper Birch Quaking Aspen 6129 - Mixed Conife Canopy Species Quaking Aspen Balsam Poplar	% Cover	Size Class Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole Size Class Pole Pole	DBH 13 13 13 15 10 11 etimber DBH 5 5	108 108 108 r Mediu	Sub-Car Bal Leat Sug Sug Iro m 67.7 Sub-Car Bal Blac Rec	Isam Fir therwood par Maple par Mapl	Low Low Low Medium 1-50 Density High Medium	Avg. Height Variable 5 - 10 feet < 5 feet Variable Variable N/A Avg. Height Variable Variable	Size Variable 5 - 10 feet < 5 feet Variable Variable Size Variable Variable	especially along grass type. Stand should be harvested. 6/17: Remotely updated stand to get rid of validation error. Nice stand. Trace amount of white spruce in canopy. (2025)2015: Possibly select cut; BA averages only around 100 - 110. Aspen and paper birch within are dying. OPIC - FMD: Cut permit #15-97-01 K. K. Logging in 1998. Still crown room and BA ok but some thick areas where stand was not marked enough last time. Not enough to cut this cycle. Good quality yellow birch here but some have dieback. Good sugar maple regeneration is 3-6' tall. Balsam fir falling out. Varying ages of aspen and BAM present. Very
172	Canopy Species Sugar Maple Red Maple Yellow Birch Basswood Paper Birch Quaking Aspen 6129 - Mixed Conife Canopy Species Quaking Aspen Balsam Poplar Balsam Fir	% Cover	Size Class Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole Size Class Pole Pole	DBI- 13 13 13 15 10 11 etimber DBI- 5 5 7	1 Age 108 Medium Medium 1 Age 40	Sub-Car Bal Leat Sug Sug Iro m 67.7 Sub-Car Bal Blac Rec	Isam Fir therwood par Maple par Maple par Maple par Mode par Maple	Low Low Low Low Medium 1-50 Density High Medium Low	Avg. Height Variable 5 - 10 feet < 5 feet Variable Variable N/A Avg. Height Variable Variable Variable Variable	Size Variable 5 - 10 feet < 5 feet Variable Variable Size Variable Variable Variable Variable	especially along grass type. Stand should be harvested. 6/17: Remotely updated stand to get rid of validation error. Nice stand. Trace amount of white spruce in canopy. (2025)2015: Possibly select cut; BA averages only around 100 - 110. Aspen and paper birch within are dying. OPIC - FMD: Cut permit #15-97-01 K. K. Logging in 1998. Still crown room and BA ok but some thick areas where stand was not marked enough last time. Not enough to cut this cycle. Good quality yellow birch here but some have dieback. Good sugar maple regeneration is 3-6' tall. Balsam fir falling out. Varying ages of aspen and BAM present. Very

Compartment: 51
Year of Entry: 2027



General Comments Stand Level 4 Cover Type Size Density Acres Stand Age BA Range Managed Site 4119 - Mixed Northern Hardwoods Poletimber Well 4.1 105 111-140 N/A 173 **DBH Age Canopy Species** % Cover Size Class **Sub-Canopy Species** Density Avg. Height Size Red Maple 76 Pole/Log 9 105 Balsam Fir Medium Variable Variable 2 8 Yellow Birch Pole/Loa Paper Birch 10 12 Log/Pole Quaking Aspen 1 Log/Pole 12 2 12 White Spruce Log Black Spruce 3 Pole 8 Northern White Cedar 5 10 Log/Pole 8 Black Cherry 1 Pole 310 - Herbaceous Openland None 3.2 No 174 **Sub-Canopy Species** Density Avg. Height Size Quaking Aspen Medium Variable Variable Balsam Fir Medium >20 feet >20 feet White Spruce Medium >20 feet >20 feet Balsam Poplar Low 5 - 10 feet 5 - 10 feet Black Cherry Low >20 feet >20 feet 4130 - Aspen Sapling Well 15.6 8 Immature N/A Harvested 2017: TS# 32-14-16. Aspen regeneration already 6'+ tall 175 summer after winter harvest **Canopy Species** % Cover Size Class **DBH Age Sub-Canopy Species** Size Density Avg. Height Quaking Aspen 63 3 8 Balsam Fir Low Variable Variable Sapling 2 8 Balsam Poplar 30 Wild Red Raspberry < 5 feet < 5 feet Sapling Medium 2 4 Balsam Fir Sapling/Pole Black Cherry 5 Pole/Sapling 5 4130 - Aspen 17.3 17 N/A 176 Sapling Well Immature Trace amount of scatter super canopy trees mostly maple and some elm.OPIC - FMD: Left some scattered mature trees when cut **Canopy Species** % Cover Size Class **DBH Age Sub-Canopy Species** Density Avg. Height Size November, 2007 by Heidtman permit #32-016-07-01 "Perrin Midsouth Sugar Maple Log/Pole 11 Balsam Fir Low Variable Variable 1 Sale". Red Maple 2 Sapling/Pole 4 Sugar Maple Medium Variable Variable 84 4 17 Variable Quaking Aspen Sapling Red Maple High Variable Balsam Poplar 10 Sapling 4 Paper Birch Trace Variable Variable

Trace

Variable

Balsam Fir

3

4

Black Cherry

Sapling/Pole

Variable



Stand	d Level 4 Co	over Type		Size D	ensity	Acres	Stand Age E	BA Range	Managed S	Site	General Comments
177	4110 - Sugar M	laple Asso	ciation	Sawtim	ber We	II 11.8	106	111-140	N/A	4	Trace amount of paper birch and aspen in canopy (2025)OPIC -
	Canopy Species	% Cover	Size Class	DB	H Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	FMD: Removed aspen and fir under permit #5/76A in 1976. TSI and elm salvage in 1977. Need line work here but should be able to do it.
	Sugar Maple	64	Log/Pole	12	106	W	hite Ash	Low	Variable	Variable	Good potential but a lot of basswood clumps and poor quality to come
	Yellow Birch	3	Log/Pole	12		Lea	atherwood	Medium	5 - 10 feet	5 - 10 feet	out. Some sparse areas but most areas need thinning. Underplant
	Basswood	30	Log	15		Su	gar Maple	Trace	Variable	Variable	hemlock for diversity after harvest by wildlife division.Summer logging restrictions if possible. Stand treated fall of 2009 by Triest under
	White Ash	2	Log/Pole	10		Su	gar Maple	Low	Variable	Variable	contract # 17-07-01 "Denn's Old Camp Hardwood". 2015: Fairly
	White Spruce	1	Log	12		Su	gar Maple	Low	< 5 feet	< 5 feet	heavy maple regeneration <2' ht. Raspberry, leatherwood, hazel all
						l1	ronwood	Medium	Variable	Variable	noted in understory.
						Ва	alsam Fir	Low	Variable	Variable	
						Ва	alsam Fir	Low	Variable	Variable	
178	330 - Low-D	Density Tre	es	No	ne	2.4			Ye	s	Leatherwood noted along edges. Cut merchantable timber when
						Sub-Ca	anopy Species	Density	Avg. Height	Size	adjacent stand is prescribed, esp. if used for access.
						Su	gar Maple	Low	>20 feet	>20 feet	
						Bals	sam Poplar	Medium	10 - 20 feet	10 - 20 feet	
						Ва	alsam Fir	Medium	Variable	Variable	
						Wh	ite Spruce	Medium	>20 feet	>20 feet	
						Qua	king Aspen	Low	Variable	Variable	
						li I	ronwood	Low	5 - 10 feet	5 - 10 feet	
179	4130	- Aspen		Poletim	ber We	II 19.9	49	111-140	N/A	4	Trace amount of red pine, white spruce, paper birch and basswood in
	Canopy Species	% Cover	Size Class	DB	H Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	canopy. Stand divided into 3 smaller stands. (2025)Mix of species in areas, Hardwood is maple (low quality), white birch and cherry.
	Sugar Maple	2	Log/Pole	12		Bla	ick Cherry	Trace	Variable	Variable	Some uprooting and blowdown of aspen occurring. M3
	Quaking Aspen	95	Pole/Log	9	49	Ва	alsam Fir	Medium	Variable	Variable	understory(sugar maple) in areas, F3 elsewhere most under 2" dbh.
	Balsam Fir	3	Pole/Log	8		Su	gar Maple	Low	Variable	Variable	Hazel and raspberry, some elderberry, juneberry in the shrub layer. Cut spring,1976 under permit # 7/76A "Perrin Brothers Road
				,		R	ed Maple	Low	Variable	Variable	Block".Part of stand cut under Flushing Frog GEMS 32-009-22
						Ir	ronwood	Low	Variable	Variable	
						l1	ronwood	Low	Variable	Variable	
180	4130	- Aspen		Sawtim	ber We	II 31.0	48	111-140	N/A	4	2015: Some decline in aspen noted. Thick maple regeneration (1-3"
	Canopy Species	% Cover	Size Class	DB	H Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	dbh) doing well - manage for both A/M or let convert to M. Fringe of older aspen (10-12" dbh) along stand 28 boundary. Heavier S/F, in
	Sugar Maple	3	Pole/Sapling	g 5		Wh	ite Spruce	Low	Variable	Variable	pockets. OPIC - FMD: Well-stocked 2-4 stick aspen. Fir under 10' tall
	Quaking Aspen	85	Log/Pole	10	48	Ir	ronwood	Medium	>20 feet	>20 feet	medium stocked. South is more 4-stick, north is slightly smaller
	Balsam Poplar	5	Log/Pole	10		Su	gar Maple	Medium	>20 feet	>20 feet	aspen. Raspberry ground cover. Cut in 1976 under permit #5/76A "Bob's Lake West".
	Balsam Fir	2	Pole/Sapling	g 5		Ва	alsam Fir	Medium	Variable	Variable	DOD'S Lake West.
	White Spruce	3	Log	12		Bla	ick Cherry	Low	>20 feet	>20 feet	
	Ironwood	2	Pole	5		Haze	elnut (Spp.)	Medium	5 - 10 feet	5 - 10 feet	



Stand	Level 4 Co	over Type		Size De	nsity	Acres St	and Age BA	A Range	Managed S	Site	General Comments
181	4130	- Aspen		Sawtimb	er Well	24.1	49 1	11-140	N/A	4	Mix of species in areas, Hardwood is maple (low quality), white birch and cherry. Some uprooting and blowdown of aspen occurring. M3
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canop	y Species	Density	Avg. Height	Size	understory(sugar maple) in areas, F3 elsewhere most under 2" dbh.
	Sugar Maple	2	Pole/Log	8		Balsar	m Fir	High	Variable	Variable	Hazel and raspberry, some elderberry, juneberry in the shrub layer.
	Red Maple	5	Pole/Log	6		Sugar I	Maple	Low	Variable	Variable	Cut spring,1976 under permit # 7/76A "Perrin Brothers Road Block".
	Paper Birch	3	Pole/Log	8		Red M	1aple	Low	Variable	Variable	Part of stand cut under Flushing Frog GEMS 32-009-22
	Quaking Aspen	75	Log/Pole	11	49						- 1 and 5 claims can amaze 1 mashing 1 reg 02 mic 02 coo 22
	Balsam Poplar	5	Log/Pole	11							
	Balsam Fir	5	Pole	8							
	White Spruce	3	Pole/Log	9							
	Black Cherry	2	Log/Pole	11							
182	4112 - Maple, Beec	h, Cherry A	ssociation	Sawtimb	er Well	4.5	105 1	11-140	N/A	4	More sugar maple seedlings adjacent to private cut on edge of
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canop	y Species	Density	Avg. Height	Size	stand.OPIC - FMD: Good quality small stand. Need to do property lines. Most of the nicer trees are on private land here but should thin
	Sugar Maple	75	Log/Pole	10	105	Balsar		Low	Variable	Variable	with adjacent aspen sale. Wait 10 years until adjacent aspen is cut.
	Red Maple	23	Log/Pole	11		Sugar I	Maple	Low	Variable	Variable	2015: Private stand has been thinned and lines are established. Thin
	Quaking Aspen	2	Log/Pole			Ironw		Low	Variable	Variable	with adjacent aspen harvest. Leatherwood ground cover noted as well as heavy princess pine at far east end of stand.
183	4130	- Aspen		Sapling	g Well	32.6	5		N/A	Α	Trace amount of cherry. (2025)Stand was harvested in
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canop	ov Species	Density	Avg. Height	Size	2020.Partial cut 1976. Overmature aspen with spruce, fir. Quite a
	Sugar Maple	2	Sapling	1		Sugar I		Trace	< 5 feet	< 5 feet	bit is dead/dying already. Heavier wet areas with cedar/ash swale in stand and thicker fir/spruce along lowland edge. Some maple in stand
	Red Maple	3	Sapling	1			'		-		is scattered low crowned and poor timber quality - harvest all. Falls
	Quaking Aspen	75	Sapling	1	5						within GEM's area.
	Balsam Poplar	20	Sapling	1							
184	629 - Mixed non			Nor	ne	9.9			No)	OPIC - FMD: Lowland brush mostly alder 8' tall along Bob's creek.
104							Cnasias	Danaitu	Avg. Height	Size]
						Sub-Canop White		Density Trace	10 - 20 feet	10 - 20 feet	
						Tama			>20 feet	>20 feet	
								Low			
						Black S	*	Low	Variable	Variable	
						Paper	Birch	Trace	10 - 20 feet	10 - 20 feet	
185	6129 - Mixed Conife	erous Lowla	and Forest P	oletimbe	r Mediu	m 16.0	110		N/A	4	Very wet and patchy. Falling apart. Red maple saplings filling in.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canop	y Species	Density	Avg. Height	Size	
	Red Maple	3	Pole	6	40	Balsar	m Fir	Medium	Variable	Variable	
	Paper Birch	2	Pole	6		Black S	Spruce	Low	Variable	Variable	
	Black Spruce	25	Pole/Log	8		Red M	1aple	Medium	Variable	Variable	
Noi	rthern White Cedar	40	Pole/Log	9	110	Paper	Birch	Low	Variable	Variable	
	Tamarack	30	Pole/Log	8		Tag A	Alder	High	5 - 10 feet	5 - 10 feet	



Stand		over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
186	4112 - Maple, Beed	ch, Cherry A	ssociation Po	oletimber	Mediur	n 4.7	188	51-80	N/A		Patchy maple with variable BA. Higher BA adjacent to CO RD 438.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Trace amount of cedar and hemlock in canopy. (2025)Cut in 2020. Left most maple and some hardwood/conifer.OPIC - FMD: Stand
	Sugar Maple	50	Pole/Log	9	188	Re	d Maple	Low	Variable	Variable	was cut hard last treatment period, regenerating very well to soft
	Red Maple	50	Pole/Log	8		Wild Re	ed Raspberry	Medium	5 - 10 feet	5 - 10 feet	maple.
						Quak	king Aspen	High	Variable	Variable	
						Ва	lsam Fir	Trace	Variable	Variable	
187	3102	- Grass		Nor	е	2.6			Yes	3	Historic hunter walking trail delineated 4/20/2018 for ease of treatment prescription.
188	6224 - ⁻	Treed Bog		Nor	е	33.4			No		Sapling/seedling black spruce and tamarack. Most of the trees look to be standing dead. (2025)OPIC - FMD: Stunted black spruce with a frindge of black spruce poles surrounding a bog lake.7/19/23: Updated to non-OI cover type.
189	4130	- Aspen		Poletimb	er Well	21.8	32	81-110	N/A		OPIC - FMD: Treated under permit #015-92-01. 2-4" aspen saplings 20'-40' tall over fir with a W7 overstory in the southeast portion of the
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	stand. This stand also contains a small 1 acre hard and soft maple
	Sugar Maple	15	Log/Pole	12		R	ed Pine	Trace	Variable	Variable	"island".
	Red Maple	5	Pole	8		Ва	lsam Fir	Low	Variable	Variable	
	Quaking Aspen	75	Pole	8	32	Sug	gar Maple	Medium	Variable	Variable	
	Balsam Fir	3	Pole	7		Re	ed Maple	High	Variable	Variable	
	White Pine	2	XLog/Log	19		Pa	per Birch	Trace	Variable	Variable	
						WI	nite Pine	Trace	Variable	Variable	
						Blad	ck Cherry	Trace	Variable	Variable	
190	4136 - Asper	n, Mixed Co	nifer	Sapling	Well	32.7	2		N/A		OPIC - FMD: Aspen poles and saplings with fir, jack pine, spruce poles, and scattered white pine sawtimber over fir, red and white pine,
	Canopy Species	% Cover	Size Class	DBH	Age						and jack pine seedlings and saplings. The stand is fully stocked and
	Red Maple	20	Sapling	1							just starting to transition from a sapling stand to a pole
	Quaking Aspen	52	Sapling	1	2						stand.7/19/23: Updated to non-OI cover type.SF2024: Treated
	Balsam Fir	15	Sapling	2							under Flushing Frogs GEMS Sale 32-009-22 (1)Trace amount of jack pine and paper birch. (2024)
	Black Spruce	1	Sapling	1							}
	White Pine	1	Sapling	2							
	White Pine	7	Log	16							
	Red Pine	3	Log	16							
	Red Pine	1	Sapling	2							



Stand	Level 4 C	over Type	S	Size De	nsity	Acres Stand	Age BA	Range	Managed S	Site	General Comments
191	4130	- Aspen	;	Sapling	g Well	23.7 12	In	nmature	N/A	4	OPIC - FMD: A4M4F4W4 Medium stocked aspen ,soft maple, fir and white birch with occasional large white pine and white spruce. Dense
(Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy Sp	ecies	Density	Avg. Height	Size	1-3" fir understory. Numerous 1/10 acre "openings" throughout the
	Sugar Maple	5	Sapling	1		White Pine		Trace	< 5 feet	< 5 feet	stand. Retain all pines and large supercanopy white spruce. 2013-
	Red Maple	15	Sapling	2		Balsam Fir		Low	< 5 feet	< 5 feet	harvested by Sanville summer of 2013 under contract # 014-12-01.7/19/23: Updated to non-OI cover type.
	Paper Birch	2	Sapling	2		Red Pine		Trace	< 5 feet	< 5 feet	01.7713/20. Opudiod to horr-or cover type.
(Quaking Aspen	62	Sapling	2	12						
	Balsam Fir	10	Sapling	2							
	White Pine	5	Log/Pole	16							
	Jack Pine	1	Sapling	2							
192	6122 - BI	ack Spruce	Po	oletimb	er Well	10.9 41		51-80	N/A	4	OPIC - FMD: AREA CUT 1984 PERMIT NO. 24-82-1. THERE ARE
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy Sp	ecies	Density	Avg. Height	Size	A FEW AREAS THAT DID NOT REGENERATE WELL. 2010- Short off site Aspen saplings with a few poles. Dry mesic site.
	Paper Birch	1	Sapling/Pole	4		Balsam Fir		Low	Variable	Variable	Approximately 50% of the stand is in aspen, with conifers the
(Quaking Aspen	2	Pole	6		Tamarack		Low	Variable	Variable	remainder. Conifer content consists of a blend of white pine, red pine
	Balsam Fir	2	Pole	6		Red Maple		Low	Variable	Variable	jack pine and white spruce. Pockets of dense jack pine saplings.7/19/23: Updated to non-OI cover type.Bill Rollo GEM
	Black Spruce	55	Pole/Sapling	6	41	Tag Alder		Low	5 - 10 feet	5 - 10 feet	Management Plan:Stand rotation 2037 YOE.
	Tamarack	30	Pole	6		Black Spruce	е	Low	Variable	Variable	
	White Pine	10	Pole/Sapling	6							_
193	6122 - BI	ack Spruce	Sa	apling I	Medium	15.3 90	Un	specified	N/A	\	OPIC - FMD: Medium stocked black spruce bog with scattered
(Canopy Species	% Cover	Size Class	DBH	I Age						tamarack.7/19/23: Updated to non-OI cover type Very wet black spruce bog. Some upland with larger black spruce trees and aspen or
	Paper Birch	1	Pole/Sapling	5							the perimeter.
(Quaking Aspen	1	Log/Pole	12							
	Black Spruce	92	Sapling/Pole	4	90						
	Tamarack	5	Sapling/Pole	4							
	White Pine	1	Sapling	3							
194	4130	- Aspen	Po	oletimb	er Well	19.8 33		81-110	N/A	4	OPIC - FMD: Cut under contract# 016-92-01. Aspen 2-4" dbh, 2-40'
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy Sp	ecies	Density	Avg. Height	Size	tall.Trace amounts of cherry and red pine in canopy. (2025)
	Sugar Maple	2	Pole/Log	9		Balsam Fir		Low	Variable	Variable	
	Paper Birch	2	Pole	6		Ironwood		Medium	Variable	Variable	
(Quaking Aspen	66	Pole/Sapling	7	33	Sugar Maple	9	High	Variable	Variable	
E	Balsam Poplar	25	Pole/Sapling	7		Paper Birch		Trace	Variable	Variable	
	Balsam Fir	2	Pole	6	"						_
	White Pine	1	Pole	8							
	Jack Pine	2	Pole	6							
195	3303 - Mixed L	ow Density	Trees	Nor	 ne	2.2			Yes	S	OPIC - FMD: Small grass openingFilling in with tamarack, red pine, white pine, quaking aspen, and cherry.
196	6225	5 - Bog		Nor	ne	8.0			No)	OPIC - FMD: Bog



Stand	Level 4 C	over Type		Size Density	Acres	Stand Age	BA Range	Managed Si	te	General Comments
197	4110 - Sugar N	<u> </u>		Sawtimber Well	14.0	120	81-110	N/A		This stand was cut hard last entry. Basal area varies widely between 40 to 150. Good regeneration presents in low basal area
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Car	nopy Species	Density	Avg. Height	Size	areas.OPIC - FMD: Cut hard under contract #019-92-01. Stand
	Sugar Maple	74	Log/Pole	12 120	Sug	ar Maple	High	Variable	Variable	consists of low-quality large sugar maple and basswood sawtimber
	Yellow Birch	2	Log/Pole	11	Bal	sam Fir	Low	Variable	Variable	with a few small poles. Most of the trees are of multiple stems, low forks, and basswood clumps. Good site potential with medium to high
	Basswood	20	XLog/Log	18	Iro	nwood	Medium	Variable	Variable	hard maple and ironwood regeneration.
	Paper Birch	2	Log/Pole	11	Iro	nwood	Medium	Variable	Variable	
	Quaking Aspen	2	Pole	6						
198	4193 - B	irch, Aspen		Sapling Well	20.2	12	Immature	N/A		OPIC - FMD: B5S4F4A4M4W4R4H4. Call it a birch and aspen stand
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Car	nopy Species	Density	Avg. Height	Size	with mixed upland conifers over 1-3" fir and black spruce regen. Remove all species except the red and white pine. Any species mix is
	Red Maple	10	Sapling	2	Wh	ite Pine	Low	< 5 feet	< 5 feet	acceptable for regeneration. 2013-harvested by Sanville summer of
	Paper Birch	34	Sapling	2	Re	d Pine	Trace	Variable	Variable	2013 under contract # 014-12-01.
	Quaking Aspen	37	Sapling	3 12						[⊥] 7/19/23: Updated to non-OI cover type.
	Balsam Fir	2	Sapling	3						
Noi	rthern White Cedar	1	Pole	9						
	Tamarack	1	Sapling	2						
	White Pine	10	Log	16						
	Red Pine	2	Log	16						
	Jack Pine	1	Sapling	2						
	Hemlock	1	Pole	9						
	Black Cherry	1	Sapling	2						
199	3303 - Mixed L	ow Density	Trees	None	4.9			No		OPIC - FMD: Larger opening with cherry and a few pines.2016 - The hunter walking trail (HWT) in this stand (199) leading to an opening (stand 203) was gated to prevent vehicular access.2017 - The HWT and opening (stand 203) were herbicided, disked, fertilized, and planted to rye. The intent is to continue a planting regime of rye until it is deemed acceptable to plant annual cover crops. (FTP # W-32-901)Opening filling in with primarily sapling/pole white pine, jack pine, aspen and cherry. 2024
200	3303 - Mixed L	ow Density	Trees	None	1.5			Yes		Opening filling in with fir, pine, aspen, and cherry
201	4130	- Aspen		Poletimber Well	36.4	42	111-140	N/A		Trace white pine, black spruce, white spruce and jack pine. This was
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Car	nopy Species	Density	Avg. Height	Size	sold but turned back (32-019-18). (2025)OPIC - FMD: Cut in 1983, the stand is transitioning to an A6 pole stand. It is fully stocked, with
	Paper Birch	2	Pole	8	Wh	ite Pine	Trace	Variable	Variable	1-2 stick poles over well stocked aspen saplings.2016 - The hunter
	Quaking Aspen	76	Pole	8 42	Blac	k Cherry	Low	Variable	Variable	walking trail (HWT) in this stand (201) leading to an opening (stand
	Balsam Poplar	10	Pole	7	Bal	sam Fir	Medium	Variable	Variable	203) was gated to prevent vehicular access.2017 - The HWT and opening (stand 203) were herbicided, disked, fertilized, and planted to
	Balsam Fir	5	Pole	8	Bal	sam Fir	Medium	Variable	Variable	rye. The intent is to continue a planting regime of rye until it is deemed
	Tamarack	5	Pole	8	Whit	e Spruce	Low	>20 feet	>20 feet	acceptable to plant annual cover crops. (FTP # W-32-901)
	Black Cherry	2	Pole	6	Whit	e Spruce	Low	Variable	Variable	
					Sug	ar Maple	Low	Variable	Variable	
					Red	d Maple	Medium	Variable	Variable	



Stand	Level 4 Co	over Type	S	ize De	nsity	Acres S	Stand Age BA	A Range	Managed Site	е	General Comments
202	6121 - 7	Гатагаск	Po	oletimb	er Well	18.5	31	81-110	N/A		OPIC - FMD: Nice pocket of tamarack regeneration. SI from stand 16.7/19/23: Updated to non-OI cover type.Cut in 1983 with the
ļ	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	557 West Block Sale.
	Paper Birch	1	Sapling/Pole	4			am Fir	Low	Variable	Variable	
	Quaking Aspen	15	Pole/Sapling	5			Maple	Low	Variable	Variable	
	Balsam Fir	5	Sapling/Pole	4		Black	Spruce	Low	Variable	Variable	
	Black Spruce	25	Pole/Sapling	5							
No	rthern White Cedar	2	Pole	8							
	Tamarack	52	Pole/Sapling	5	31						
203	3102	- Grass		No	ne	2.6			Yes		OPIC - FMD: 1990 2.2 ACRES DISC & SEEDED FTP W-32-319 2017 - Disked, fertilized, and planted fall rye along with Hunter Walking Trail (HWT) leading to this opening through portions of stands 201, 205, and 199 (FTP W-32-901).
204	6122 - Bla	ack Spruce	Po	oletimb	er Well	8.0	116	51-80	N/A		OPIC - FMD: Essentially a small treed bog.7/19/23: Updated to non-
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	OI cover type.Primarily 1 stick black spruce. Very wet. Trace amount of paper birch and white pipe poles. 2024
	Black Spruce	88	Sapling/Pole	4	116		Spruce	Low	Variable	Variable	amount of paper birdif and write pipe poles. 2024
No	rthern White Cedar	2	Log/Pole	10		Whit	te Pine	Trace	Variable	Variable	
	Tamarack	10	Sapling/Pole	4					,		
205	4130	- Aspen	;	Saplin	g Well	29.7	12 Ir	nmature	N/A		OPIC - FMD: Well stocked stand of larger aspen with fir, soft maple,
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Cand	opy Species	Density	Avg. Height	Size	and scattered supercanopy white spruce. 2013-harvested by Sanville summer of 2013 under contract # 014-12-01.7/19/23: Updated to
	Red Maple	5	Sapling	3		Bals	am Fir	Medium	Variable	Variable	non-OI cover type.Trace super canopy white pine.
	Paper Birch	8	Sapling	2		Suga	r Maple	Medium	Variable	Variable	
	Quaking Aspen	81	Sapling	3	12	Red	Maple	Medium	Variable	Variable	
	Balsam Fir	5	Sapling/Pole	4							
	Black Cherry	1	Sapling	2							
206	42200 - Natu	ıral White F	ine Sa	42 1.	_						
				awtimb	er Poor	4.5	126	51-80	N/A		OPIC - FMD: Cut under contract #019-92-01. W7F3T3W3. The stand
	Canopy Species	% Cover	Size Class				126 opy Species	51-80 Density		Size	$_{ m ar{1}}$ has regenerated well to fir, white pine , and tamarack saplings, as well
	Canopy Species White Pine	% Cover			I Age	Sub-Can			Avg. Height Variable	Size Variable	has regenerated well to fir, white pine , and tamarack saplings, as well as soft maple stump sprouts. All the saplings are 1-2" in dbh and 8-
			Size Class	DBH	I Age	Sub-Cand Whit	opy Species	Density	Avg. Height		has regenerated well to fir, white pine, and tamarack saplings, as well as soft maple stump sprouts. All the saplings are 1-2" in dbh and 8-30' tall, with the fir the tallest followed by tamarack, then white pine.7/19/23: Updated to non-OI cover type.White pine overstory.
			Size Class	DBH	I Age	Sub-Cand Whit Red	opy Species te Pine	Density High	Avg. Height Variable	Variable	has regenerated well to fir, white pine, and tamarack saplings, as well as soft maple stump sprouts. All the saplings are 1-2" in dbh and 8-30' tall, with the fir the tallest followed by tamarack, then white pine.7/19/23: Updated to non-OI cover type.White pine overstory. Understory transitioning into pole sized. Very thick good regeneration
			Size Class	DBH	I Age	Sub-Cane Whit Red Black	te Pine Maple	Density High Medium	Avg. Height Variable Variable	Variable Variable	has regenerated well to fir, white pine, and tamarack saplings, as well as soft maple stump sprouts. All the saplings are 1-2" in dbh and 8-30' tall, with the fir the tallest followed by tamarack, then white pine.7/19/23: Updated to non-OI cover type.White pine overstory.
			Size Class	DBH	I Age	Sub-Cand Whit Red Black Bals	te Pine Maple Spruce	Density High Medium Medium	Avg. Height Variable Variable Variable	Variable Variable Variable	has regenerated well to fir, white pine, and tamarack saplings, as well as soft maple stump sprouts. All the saplings are 1-2" in dbh and 8-30' tall, with the fir the tallest followed by tamarack, then white pine.7/19/23: Updated to non-OI cover type.White pine overstory. Understory transitioning into pole sized. Very thick good regeneration
207	White Pine		Size Class Log/XLog	DBH	1 Age 126	Sub-Cand Whit Red Black Bals	te Pine Maple Spruce am Fir	Density High Medium Medium Medium	Avg. Height Variable Variable Variable Variable	Variable Variable Variable Variable	has regenerated well to fir, white pine , and tamarack saplings, as well as soft maple stump sprouts. All the saplings are 1-2" in dbh and 8-30' tall, with the fir the tallest followed by tamarack, then white pine.7/19/23: Updated to non-OI cover type.White pine overstory. Understory transitioning into pole sized. Very thick good regeneration in understory. This stand contains a very small gravel pit just south of hardwood
207	White Pine	100	Size Class Log/XLog	DBH 16	1 Age 126	Sub-Cane Whit Red Black Bals Tam 37.8	popy Species te Pine Maple Spruce am Fir harack	Density High Medium Medium Medium	Avg. Height Variable Variable Variable Variable Variable Variable	Variable Variable Variable Variable	has regenerated well to fir, white pine , and tamarack saplings, as well as soft maple stump sprouts. All the saplings are 1-2" in dbh and 8-30' tall, with the fir the tallest followed by tamarack, then white pine.7/19/23: Updated to non-OI cover type.White pine overstory. Understory transitioning into pole sized. Very thick good regeneration in understory. This stand contains a very small gravel pit just south of hardwood stand. (2025)Aspen, red maple, birch, spruce, and fir stand,
207	White Pine	100	Size Class Log/XLog	DBH 16	1 Age 126	Sub-Cane Whit Red Black Bals Tam 37.8 Sub-Cane	popy Species te Pine Maple Spruce am Fir narack	Density High Medium Medium Medium Trace	Avg. Height Variable Variable Variable Variable Variable N/A	Variable Variable Variable Variable Variable	has regenerated well to fir, white pine , and tamarack saplings, as well as soft maple stump sprouts. All the saplings are 1-2" in dbh and 8-30' tall, with the fir the tallest followed by tamarack, then white pine.7/19/23: Updated to non-OI cover type.White pine overstory. Understory transitioning into pole sized. Very thick good regeneration in understory. This stand contains a very small gravel pit just south of hardwood
207	White Pine 4130 - Canopy Species	- Aspen	Size Class Log/XLog	DBH 16	1 Age 126	Sub-Cane Whit Red Black Bals Tam 37.8 Sub-Cane	popy Species tie Pine Maple Spruce am Fir narack 9 popy Species	Density High Medium Medium Medium Trace Density	Avg. Height Variable Variable Variable Variable Variable Variable Avg. Height	Variable Variable Variable Variable Variable	has regenerated well to fir, white pine , and tamarack saplings, as well as soft maple stump sprouts. All the saplings are 1-2" in dbh and 8-30' tall, with the fir the tallest followed by tamarack, then white pine.7/19/23: Updated to non-Ol cover type.White pine overstory. Understory transitioning into pole sized. Very thick good regeneration in understory. This stand contains a very small gravel pit just south of hardwood stand. (2025)Aspen, red maple, birch, spruce, and fir stand, harvested 12/2016. 2016-Stand cruised and ready for sale. # 32-009-
	White Pine 4130 Canopy Species Sugar Maple	- Aspen **Cover** 2	Size Class Log/XLog Size Class Sapling	DBH 16	1 Age 126	Sub-Cane Whit Red Black Bals Tam 37.8 Sub-Cane	popy Species tie Pine Maple Spruce am Fir narack 9 popy Species	Density High Medium Medium Medium Trace Density	Avg. Height Variable Variable Variable Variable Variable Variable Avg. Height	Variable Variable Variable Variable Variable	has regenerated well to fir, white pine , and tamarack saplings, as well as soft maple stump sprouts. All the saplings are 1-2" in dbh and 8-30' tall, with the fir the tallest followed by tamarack, then white pine.7/19/23: Updated to non-Ol cover type.White pine overstory. Understory transitioning into pole sized. Very thick good regeneration in understory. This stand contains a very small gravel pit just south of hardwood stand. (2025)Aspen, red maple, birch, spruce, and fir stand, harvested 12/2016. 2016-Stand cruised and ready for sale. # 32-009-
	White Pine 4130 Canopy Species Sugar Maple Paper Birch	- Aspen **Cover** 2	Size Class Log/XLog Size Class Sapling Sapling	DBH 16	J Age 126 126 126 126 126 126 126 126 126 126	Sub-Cane Whit Red Black Bals Tam 37.8 Sub-Cane	popy Species tie Pine Maple Spruce am Fir narack 9 popy Species	Density High Medium Medium Medium Trace Density	Avg. Height Variable Variable Variable Variable Variable Variable Avg. Height	Variable Variable Variable Variable Variable	has regenerated well to fir, white pine , and tamarack saplings, as well as soft maple stump sprouts. All the saplings are 1-2" in dbh and 8-30' tall, with the fir the tallest followed by tamarack, then white pine.7/19/23: Updated to non-Ol cover type.White pine overstory. Understory transitioning into pole sized. Very thick good regeneration in understory. This stand contains a very small gravel pit just south of hardwood stand. (2025)Aspen, red maple, birch, spruce, and fir stand, harvested 12/2016. 2016-Stand cruised and ready for sale. # 32-009-



Stand	Level 4 Co	over Type	s	ize De	nsity	Acres	Stand Age E	BA Range	Managed S	Site	General Comments
208	6120 - Lov	vland Ceda	ır Po	oletimb	er Well	154.4	133	141-170	N/A	A	Cedar stand with veins of black spruce, tamarack, paper birch, and
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	red maple. For the most part this is very wet and best left intact. (2025) OPIC - FMD: SCA Formerly designated as potential old
	Red Maple	1	Pole	7			Alder	Low	5 - 10 feet	5 - 10 feet	growth. Maintain as biodiversiy maintenance area.12/16 Field notes:
	Paper Birch	1	Pole	7		Blac	k Spruce	Low	Variable	Variable	many low drains throughout this lowland cedar complex. Edges have
	Black Spruce	25	Pole	7		Re	d Maple	Low	Variable	Variable	more diversity of lowland conifer and birch, but interior is predominantly cedar, with tamarack and black spruce patches.
Nor	thern White Cedar	57	Pole	9	133	Ва	lsam Fir	Medium	Variable	Variable	prodominantly county, man tamarast and south opinios paterios.
	Tamarack	15	Pole	7		Та	ımarack	Low	Variable	Variable	
	Hemlock	1	XLog/Log	18							
209	4110 - Sugar M	laple Assoc	ciation Sa	wtimb	er Well	17.8	110	81-110	N/A	A	OPIC - FMD: Cut permit #12-99-01 in 2000. Stand is on a hill sloping
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	down to Co. Rd 438.Variable stocking northern hardwood stand on knob. Not ready for harvest. Decent sugar maple regeneration
	Sugar Maple	74	Log/Pole	13	110	Sug	jar Maple	Medium	10 - 20 feet	10 - 20 feet	
	Red Maple	2	Log/Pole	10		Ва	lsam Fir	Medium	Variable	Variable	Good birch component. This stand could be harvested but I believe
	Yellow Birch	5	Log/Pole	13		Iro	onwood	Low	Variable	Variable	it would be ideal to wait tell next YOE. (2024)
	Basswood	10	Log	15					1	1	_
	Paper Birch	5	Log/Pole	11							
(Quaking Aspen	1	Log	12							
	Balsam Fir	2	Pole	7							
	Ironwood	1	Pole	8							
210	413 -	Aspen	Pc	oletimb	er Well	5.4	85	51-80	N/A	A	OPIC - FMD: Stand is a mix of aspen, fir, and white birch with occasional upland cedar, white pine, and cherry. Regeneration consists of dense fir seedlings and saplings. Terrain is very steep, falling away from the road toward the river. The slope is highly erodible. Retain as biodiversity maintenance area to protect the riparian values of the Little West Branch of the Escanaba River and provide for wildlife travel corridor. 7/19/23: Updated to non-OI cover type.
212	413 -	Aspen	Po		er Well	14.5	51	51-80	N/A	A	OPIC - FMD: Small aspen poles over dense aspen saplings. With scattered fir. Stand contains a large spring in the southwest. 7/19/23: Updated to non-OI cover type.
214	4130	- Aspen	Ç	Sapling	Well	11.8	12	Immature	N/A	4	Old gravel pit on SE Edge (2025)OPIC - FMD: A5F4M4 The
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	stand is on a higher ridge and drops into the riparian zone. There is an occasional spruce/for pole tree and scattered large basswood and
(Quaking Aspen	89	Sapling	3	12	Sug	ar Maple	Low	5 - 10 feet	5 - 10 feet	sugar maple "wolf" trees. The sale prescription will exclude the
	Balsam Fir	7	Pole/Sapling	6				,		•	riparian zone and retain the large hardwoods. 2012-Sale cut by
	White Spruce	1	Log	11							Minerick under contract # 009-09-01.
	Black Cherry	3	Sapling/Pole	3							

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Stand L	evel 4 Cover	Туре	S	ize De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
215 4110 -	- Sugar Maple	e Assoc	iation Po	letimb	er Well	7.3	108	111-140	N/A	4	OPIC - FMD: FDF. CUT PRMT.# 10-99-01. FINISHED IN 2001. BA
Canopy S	pecies % (Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	120, 90, 60. Moderate quality NH stand. History of wind damage o south end (south facing slope.). Wait until next entry at least for a
Sugar Ma	ple	90	Pole/Log	9	108	Lea	therwood	Low	5 - 10 feet	5 - 10 feet	harvest treatment.
Basswoo	od	10	Log	12		Sug	jar Maple	Trace	Variable	Variable	
		•				Ва	lsam Fir	Low	Variable	Variable	
						Ва	lsam Fir	Medium	Variable	Variable	
						Whi	te Spruce	Low	Variable	Variable	
						Iro	onwood	Medium	10 - 20 feet	10 - 20 feet	
216	3102 - Gra	ass		Nor	ie	4.2			Ye	s	See conservation area reviewer app
217 431	9 - Mixed Upla	and Fo	rest Po	letimb	er Well	7.9	63	111-140	N/A	4	OPIC - FMD: A6F4 Stand is made up of individual aspen clones
Canopy S	pecies % (Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	among spruce/fir with occasional mixed hardwood and white birch. Tamarack along the east frindge. Fairly low and wet. There is an o
Quaking As	spen	50	Log/XLog/Pole	12	63	Ва	lsam Fir	High	Variable	Variable	stick nest along the east side.
Balsam F	Fir	25	Sapling/Pole	3							-
White Spri	uce	25	Pole/Sap/Log	7							
218 6129 - Mix								141-170	N/A		OPIC - FMD: C5S4T4A4B4C7 East side fades to a P type.
Canopy S			Size Class		Age		nopy Species	Density	Avg. Height	Size	
Red Map		1	Pole/Log	9			Alder	Low	5 - 10 feet	5 - 10 feet	-
Paper Bir		15	Pole/Sapling	6			Isam Fir	Medium	Variable	Variable	
Quaking As	•		Log/XLog/Pole	12			d Maple	Low	10 - 20 feet	10 - 20 feet	
Balsam F		10	Sapling/Pole	4		Blac	k Spruce	Low	Variable	Variable	
Black Spru		15	Pole/Sapling	5	100						
Northern White	_	37	Pole/Sapling	5	126						
Tamarao	ck	20	Log/Pole	10							
219 4110 -	- Sugar Maple	e Assoc	iation Sa	wtimb	er Well	25.6	130	81-110	N/A	4	Trace amount of white spruce and yellow birch in canopy. South ha
Canopy S		Cover	Size Class		Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	stand of predominately sugar maple, with basswood, white birch, a
Sugar Ma		69	Log/Pole	11	130		therwood	Low	< 5 feet	< 5 feet	yellow birch. Additional species include upland cedar, hemlock, an
Basswoo	bd	20	Log/XLog	13		Ва	lsam Fir	Medium	Variable	Variable	white spruce. Retain all the minor species ie. basswood, w. birch, cedar, white pine, hemlock. Regeneration is essentially non-
Northern White	e Cedar	10	Log/Pole	11		Ва	lsam Fir	Low	10 - 20 feet	10 - 20 feet	existant. 2009-Stand treated under contract # 008-09-01 by Gartla
Hemloc	k	1	Log	15		Sug	jar Maple	Medium	Variable	Variable	
		-		-		Sug	jar Maple	Medium	< 5 feet	< 5 feet	
						Iro	onwood	High	Variable	Variable	
					_						

Wild Red Raspberry

Gwinn Mgt. Unit

Report 7 - Stands



Compartment: 51 Year of Entry: 2027

Stand	Level 4 Co	over Type	Si	ze De	nsity	Acres Stand Age B	A Range	Managed S	ite	General Comments
221	4191 - Mixed Upla Co	and Decidu onifer	ous with Saw	timber	Medium	n 20.8 64	81-110	N/A		OPIC - FMD: Well stocked aspen with spruce, fir and white birch over mostly fir and hazel. Most of the stand is higher except for a low pocket on the east side.Stand is within GEM. Spruce/fir component
(Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	pocket on the east side.Stand is within GEM. Spruce/fir component is only 10 sq. ft. Stand will be monitored and harvested as per GEM
	Sugar Maple	2	Pole	8		Balsam Fir	Medium	>20 feet	>20 feet	plan
	Red Maple	5	Pole	5		White Spruce	Low	>20 feet	>20 feet	
	Paper Birch	32	Pole/Log	8		Sugar Maple	Low	>20 feet	>20 feet	
C	Quaking Aspen	35	Log/Pole	10	64	Black Cherry	Low	5 - 10 feet	5 - 10 feet	
	Balsam Fir	20	Log/Pole	10		Hazelnut (Spp.)	Low	5 - 10 feet	5 - 10 feet	
1	White Spruce	5	Log/Pole/XLog	12						-
222	6120 - Lov	wland Ceda	ar Sa	wtimb	er Well	24.0 130	201+	N/A		Trace amount of white pine and basswood in canopy. (2025)
(Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
	Black Spruce	2	Log/Pole	14		Northern White Cedar	Trace	< 5 feet	< 5 feet	
										†
	thern White Cedar	98	Log/Pole	11	130	Balsam Fir	Low	Variable	Variable	
	4191 - Mixed Upla				130 Medium		81-110	Variable N/A		OPIC - FMD: Well stocked aspen with spruce, fir and white birch over mostly fir and hazel. Most of the stand is higher except for a low
223	4191 - Mixed Upla	and Decidu		timber						mostly fir and hazel. Most of the stand is higher except for a low pocket on the east side Stand is within GEM. Spruce/fir component
223	4191 - Mixed Upla Co	and Decidu	ous with Saw	timber	Medium	n 25.9 64	81-110	N/A		mostly fir and hazel. Most of the stand is higher except for a low
223	4191 - Mixed Upla Co Canopy Species	and Decidu onifer % Cover	ous with Saw	timber	Medium	Sub-Canopy Species	81-110 Density	N/A Avg. Height	Size	mostly fir and hazel. Most of the stand is higher except for a low pocket on the east side Stand is within GEM. Spruce/fir component is only 10 sq. ft. Stand will be monitored and harvested as per GEM
223	4191 - Mixed Upla Co Canopy Species Sugar Maple	and Decidu onifer % Cover	ous with Saw	DBH	Medium	Sub-Canopy Species Balsam Fir	81-110 Density Medium	N/A Avg. Height >20 feet	Size >20 feet	mostly fir and hazel. Most of the stand is higher except for a low pocket on the east side Stand is within GEM. Spruce/fir component is only 10 sq. ft. Stand will be monitored and harvested as per GEM
223	4191 - Mixed Upla Co Canopy Species Sugar Maple Red Maple	and Deciduonifer Cover	ous with Saw	timber DBH 8 5	Medium	Sub-Canopy Species Balsam Fir Sugar Maple	81-110 Density Medium Low	N/A Avg. Height >20 feet >20 feet	Size >20 feet >20 feet	mostly fir and hazel. Most of the stand is higher except for a low pocket on the east side Stand is within GEM. Spruce/fir component is only 10 sq. ft. Stand will be monitored and harvested as per GEM
223	4191 - Mixed Upla Co Canopy Species Sugar Maple Red Maple Paper Birch	and Deciduonifer % Cover 2 5 32	ous with Saw	DBH 8 5 8	Age	Sub-Canopy Species Balsam Fir Sugar Maple Black Cherry	81-110 Density Medium Low Low	N/A Avg. Height >20 feet >20 feet 5 - 10 feet	Size >20 feet >20 feet 5 - 10 feet	mostly fir and hazel. Most of the stand is higher except for a low pocket on the east side Stand is within GEM. Spruce/fir component is only 10 sq. ft. Stand will be monitored and harvested as per GEM
223	4191 - Mixed Upla Cc Canopy Species Sugar Maple Red Maple Paper Birch Quaking Aspen	mand Deciduonifer % Cover 2 5 32 35	Size Class Pole Pole Pole/Log Log/Pole	DBH 8 5 8 10	Age	Sub-Canopy Species Balsam Fir Sugar Maple Black Cherry Hazelnut (Spp.)	81-110 Density Medium Low Low Low	N/A Avg. Height >20 feet >20 feet 5 - 10 feet 5 - 10 feet	Size >20 feet >20 feet 5 - 10 feet 5 - 10 feet	mostly fir and hazel. Most of the stand is higher except for a low pocket on the east side Stand is within GEM. Spruce/fir component is only 10 sq. ft. Stand will be monitored and harvested as per GEM
223	4191 - Mixed Upla Co Canopy Species Sugar Maple Red Maple Paper Birch Quaking Aspen Balsam Fir	and Deciduonifer % Cover 2 5 32 35 20 5	Size Class Pole Pole Pole/Log Log/Pole Log/Pole Log/Pole/XLog	DBH 8 5 8 10 10 12	Age	Sub-Canopy Species Balsam Fir Sugar Maple Black Cherry Hazelnut (Spp.)	81-110 Density Medium Low Low Low	N/A Avg. Height >20 feet >20 feet 5 - 10 feet 5 - 10 feet	Size >20 feet >20 feet 5 - 10 feet 5 - 10 feet >20 feet	mostly fir and hazel. Most of the stand is higher except for a low pocket on the east side. Stand is within GEM. Spruce/fir component is only 10 sq. ft. Stand will be monitored and harvested as per GEM plan Trace amount of aspen and cedar in canopy. (2025)OPIC - FMD:
223 C	4191 - Mixed Upla Co Canopy Species Sugar Maple Red Maple Paper Birch Quaking Aspen Balsam Fir White Spruce	and Deciduonifer % Cover 2 5 32 35 20 5 Maple Asso	Size Class Pole Pole Pole/Log Log/Pole Log/Pole Log/Pole/XLog	DBH 8 5 8 10 10 12 wtimb	Age 64	Sub-Canopy Species Balsam Fir Sugar Maple Black Cherry Hazelnut (Spp.) White Spruce	81-110 Density Medium Low Low Low Low	N/A Avg. Height >20 feet >20 feet 5 - 10 feet 5 - 10 feet >20 feet	Size >20 feet >20 feet 5 - 10 feet 5 - 10 feet >20 feet	mostly fir and hazel. Most of the stand is higher except for a low pocket on the east side. Stand is within GEM. Spruce/fir component is only 10 sq. ft. Stand will be monitored and harvested as per GEM plan Trace amount of aspen and cedar in canopy. (2025)OPIC - FMD: Small hardwood stand along Co. Rd 438. Also contains a few large
223 CG	4191 - Mixed Upla Co Canopy Species Sugar Maple Red Maple Paper Birch Quaking Aspen Balsam Fir White Spruce	and Deciduonifer % Cover 2 5 32 35 20 5 Maple Asso	ous with Saw Size Class Pole Pole Pole/Log Log/Pole Log/Pole Log/Pole/XLog ciation Sa	DBH 8 5 8 10 10 12 wtimb	Age 64 er Well	Sub-Canopy Species Balsam Fir Sugar Maple Black Cherry Hazelnut (Spp.) White Spruce	81-110 Density Medium Low Low Low Low Low 81-110	N/A Avg. Height >20 feet >20 feet 5 - 10 feet 5 - 10 feet >20 feet	Size >20 feet >20 feet 5 - 10 feet 5 - 10 feet >20 feet	mostly fir and hazel. Most of the stand is higher except for a low pocket on the east side. Stand is within GEM. Spruce/fir component is only 10 sq. ft. Stand will be monitored and harvested as per GEM plan Trace amount of aspen and cedar in canopy. (2025)OPIC - FMD: Small hardwood stand along Co. Rd 438. Also contains a few large aspen, basswood and an occasional upland cedar. Cutting will be limited to the w. birch and hard maple. Retain the large aspen,
223 CG	4191 - Mixed Upla Co Canopy Species Sugar Maple Red Maple Paper Birch Quaking Aspen Balsam Fir White Spruce 4110 - Sugar M	and Deciduonifer % Cover 2 5 32 35 20 5 Maple Asso % Cover	ous with Saw Size Class Pole Pole Pole/Log Log/Pole Log/Pole Log/Pole/XLog ciation Sa	DBH 8 5 8 10 10 12 wtimb	Age 64 er Well	Sub-Canopy Species Balsam Fir Sugar Maple Black Cherry Hazelnut (Spp.) White Spruce 5.9 119 Sub-Canopy Species	81-110 Pensity Medium Low Low Low Low Density	N/A Avg. Height >20 feet >20 feet 5 - 10 feet 5 - 10 feet >20 feet N/A Avg. Height	Size >20 feet >20 feet >20 feet 5 - 10 feet 5 - 10 feet >20 feet	mostly fir and hazel. Most of the stand is higher except for a low pocket on the east side. Stand is within GEM. Spruce/fir component is only 10 sq. ft. Stand will be monitored and harvested as per GEM plan Trace amount of aspen and cedar in canopy. (2025)OPIC - FMD: Small hardwood stand along Co. Rd 438. Also contains a few large aspen, basswood and an occasional upland cedar. Cutting will be limited to the w. birch and hard maple. Retain the large aspen, basswood, and cedar. 2012-Stand treated by C.J Logging under
223 CG	4191 - Mixed Upla Co Canopy Species Sugar Maple Red Maple Paper Birch Quaking Aspen Balsam Fir White Spruce 4110 - Sugar M Canopy Species Sugar Maple	and Deciduonifer % Cover 2 5 32 35 20 5 Maple Asso % Cover 93	Size Class Pole Pole Pole/Log Log/Pole Log/Pole Log/Pole/XLog ciation Sa Size Class Log/Pole	DBH 8 5 8 10 10 12 wtimb	Age 64 er Well	Sub-Canopy Species Balsam Fir Sugar Maple Black Cherry Hazelnut (Spp.) White Spruce 5.9 119 Sub-Canopy Species Balsam Fir	81-110 Density Medium Low Low Low Low Density Medium	N/A Avg. Height >20 feet >20 feet 5 - 10 feet 5 - 10 feet >20 feet N/A Avg. Height Variable	Size >20 feet >20 feet 5 - 10 feet 5 - 10 feet >20 feet Variable	mostly fir and hazel. Most of the stand is higher except for a low pocket on the east side. Stand is within GEM. Spruce/fir component is only 10 sq. ft. Stand will be monitored and harvested as per GEM plan Trace amount of aspen and cedar in canopy. (2025)OPIC - FMD: Small hardwood stand along Co. Rd 438. Also contains a few large aspen, basswood and an occasional upland cedar. Cutting will be limited to the w. birch and hard maple. Retain the large aspen,
223 CG	4191 - Mixed Upla Co Canopy Species Sugar Maple Red Maple Paper Birch Quaking Aspen Balsam Fir White Spruce 4110 - Sugar M Canopy Species Sugar Maple Basswood	and Deciduonifer % Cover 2 5 32 35 20 5 Maple Asso % Cover 93 5	lous with Sawing Size Class Pole Pole Pole/Log Log/Pole Log/Pole Log/Pole/XLog ciation Sa Size Class Log/Pole Log/XLog	DBH 8 5 8 10 10 12 wtimb DBH 11 14	Age 64 er Well	Sub-Canopy Species Balsam Fir Sugar Maple Black Cherry Hazelnut (Spp.) White Spruce 5.9 119 Sub-Canopy Species Balsam Fir Ironwood	81-110 Density Medium Low Low Low Low Medium Low Low Medium Low	N/A Avg. Height >20 feet >20 feet 5 - 10 feet 5 - 10 feet >20 feet Variable Variable	Size >20 feet >20 feet 5 - 10 feet 5 - 10 feet >20 feet Variable	mostly fir and hazel. Most of the stand is higher except for a low pocket on the east side. Stand is within GEM. Spruce/fir component is only 10 sq. ft. Stand will be monitored and harvested as per GEM plan Trace amount of aspen and cedar in canopy. (2025)OPIC - FMD: Small hardwood stand along Co. Rd 438. Also contains a few large aspen, basswood and an occasional upland cedar. Cutting will be limited to the w. birch and hard maple. Retain the large aspen, basswood, and cedar. 2012-Stand treated by C.J Logging under

< 5 feet

Medium

< 5 feet



Stand	d Level 4 Co	ver Type	ı	Size Dens	sity	Acres Stand Age E	BA Range	Managed S	ite	General Comments
225	6130 - Fir, <i>A</i>	Aspen, Ma	iple 5	Sawtimber	Well	7.3 97	81-110	N/A	1	This stand is falling down. Very diverse stand OPIC - FMD: OI
	Canopy Species	% Cove	r Size Class	DBH A	Age	Sub-Canopy Species	Density	Avg. Height	Size	Stand Year Origin was 192712/15/2016: Paper birch, aspen aging to over mature. Variety of age classes for fir, spruce. Maple, cherry
	Red Maple	2	Pole	8		Balsam Fir	Medium	Variable	Variable	saplings.
	Paper Birch	3	Pole/Log	9		Red Maple	High	Variable	Variable	
	Quaking Aspen	45	XLog/Log/Pol	e 18	97	Quaking Aspen	Low	Variable	Variable	
	Balsam Fir	15	Pole/Log	9		Black Cherry	Low	>20 feet	>20 feet	
	White Spruce	2	Log/Pole	11						_
	Black Spruce	10	Pole/Log	9 !	97					
No	orthern White Cedar	15	Log/Pole	11						
	Tamarack	1	Pole/Log	9						
	Black Ash	5	Pole	6						
	Black Cherry	2	Log/Pole	10						
226	330 - Low-D	ensity Tre	ees	None		17.3		Yes	5	Filling in with cherry, aspen, balsam fir and white spruce. Trace amount of white pine seedlings. Very clumpy, cherry dispersed throughout. (2025)OPIC - FMD: Maintain wildlife opening. Roller-chop to discourage brush and saplings from encroachment. OI Stand Year Origin was
227	4130 -	Aspen		Sapling W	Vall	32.2 14	Immoture	NI/A		Trace super canopy maple and hemlock (2025)2015, Stds 40 and
221		, .op o		Saping V	VEII	32.2 14	Immature	N/A	١	
221	Canopy Species		r Size Class	DBH A		32.2 14	immature	IN/P	\	41 - 50 red osier dogwood, 50 serviceberry, 50 magenta crabapples,
441			r Size Class Sapling			J2.2 14	immature	N/A	\	41 - 50 red osier dogwood, 50 serviceberry, 50 magenta crabapples, 50 elderberry, 50 nannyberry, 25 highbush cranberry, 50 sand cherry, 50 pin cherry, 125 beaked hazelnut, and 25 red oak seedlings were
	Canopy Species	% Cove		DBH A	\ge	52.2 14	immature	N/P	A.	41 - 50 red osier dogwood, 50 serviceberry, 50 magenta crabapples, 50 elderberry, 50 nannyberry, 25 highbush cranberry, 50 sand cherry, 50 pin cherry, 125 beaked hazelnut, and 25 red oak seedlings were planted by the Ruffed Grouse Society volunteer group.OPIC -
221	Canopy Species Sugar Maple	% Cove	Sapling	DBH A		52.2 14	immature	N/A	A.	41 - 50 red osier dogwood, 50 serviceberry, 50 magenta crabapples, 50 elderberry, 50 nannyberry, 25 highbush cranberry, 50 sand cherry, 50 pin cherry, 125 beaked hazelnut, and 25 red oak seedlings were planted by the Ruffed Grouse Society volunteer group.OPIC - FMD: West of stand 41 but lower and wetter. Conifer content is
	Canopy Species Sugar Maple Paper Birch	% Cover	Sapling Sapling	DBH A	\ge	52.2 14	immature	IN/ <i>P</i>	A.	41 - 50 red osier dogwood, 50 serviceberry, 50 magenta crabapples, 50 elderberry, 50 nannyberry, 25 highbush cranberry, 50 sand cherry, 50 pin cherry, 125 beaked hazelnut, and 25 red oak seedlings were planted by the Ruffed Grouse Society volunteer group.OPIC - FMD: West of stand 41 but lower and wetter. Conifer content is significant, and transitioning to a spruce/fir stand. Aspen is fairly sparse in areas Contains a large stick nest in a 16" aspen about 30'
	Canopy Species Sugar Maple Paper Birch Quaking Aspen	% Cover 1 5 84	Sapling Sapling Sapling	1 2 2 2	\ge	52.2 14	immature	IN/ <i>P</i>	· ·	41 - 50 red osier dogwood, 50 serviceberry, 50 magenta crabapples, 50 elderberry, 50 nannyberry, 25 highbush cranberry, 50 sand cherry, 50 pin cherry, 125 beaked hazelnut, and 25 red oak seedlings were planted by the Ruffed Grouse Society volunteer group.OPIC - FMD: West of stand 41 but lower and wetter. Conifer content is significant, and transitioning to a spruce/fir stand. Aspen is fairly sparse in areas Contains a large stick nest in a 16" aspen about 30' up. Summer harvest will be required to avoid conflicts with the
221	Canopy Species Sugar Maple Paper Birch Quaking Aspen Balsam Poplar	% Cover 1 5 84 2	Sapling Sapling Sapling Sapling	DBH A 1 2 2 2 2 2 2	\ge	52.2 14	immature	IN/ <i>P</i>	.	41 - 50 red osier dogwood, 50 serviceberry, 50 magenta crabapples, 50 elderberry, 50 nannyberry, 25 highbush cranberry, 50 sand cherry, 50 pin cherry, 125 beaked hazelnut, and 25 red oak seedlings were planted by the Ruffed Grouse Society volunteer group.OPIC - FMD: West of stand 41 but lower and wetter. Conifer content is significant, and transitioning to a spruce/fir stand. Aspen is fairly sparse in areas Contains a large stick nest in a 16" aspen about 30'
228	Canopy Species Sugar Maple Paper Birch Quaking Aspen Balsam Poplar Balsam Fir Black Cherry	% Cover 1 5 84 2 5 3	Sapling Sapling Sapling Sapling Sapling Sapling	DBH A 1	14	38.2 120	111-140	N/A		41 - 50 red osier dogwood, 50 serviceberry, 50 magenta crabapples, 50 elderberry, 50 nannyberry, 25 highbush cranberry, 50 sand cherry, 50 pin cherry, 125 beaked hazelnut, and 25 red oak seedlings were planted by the Ruffed Grouse Society volunteer group.OPIC - FMD: West of stand 41 but lower and wetter. Conifer content is significant, and transitioning to a spruce/fir stand. Aspen is fairly sparse in areas Contains a large stick nest in a 16" aspen about 30' up. Summer harvest will be required to avoid conflicts with the snowmobile trail. 2010 Cut by St. John summer of 2010 under contract # 10-09-01. Stand has regenerated to aspen.
	Canopy Species Sugar Maple Paper Birch Quaking Aspen Balsam Poplar Balsam Fir Black Cherry	% Cover 1 5 84 2 5 3 aple Asso	Sapling Sapling Sapling Sapling Sapling Sapling	DBH A 1 2 2 2 2 2 3 3 2 2	14 Well		111-140			41 - 50 red osier dogwood, 50 serviceberry, 50 magenta crabapples, 50 elderberry, 50 nannyberry, 25 highbush cranberry, 50 sand cherry, 50 pin cherry, 125 beaked hazelnut, and 25 red oak seedlings were planted by the Ruffed Grouse Society volunteer group.OPIC - FMD: West of stand 41 but lower and wetter. Conifer content is significant, and transitioning to a spruce/fir stand. Aspen is fairly sparse in areas Contains a large stick nest in a 16" aspen about 30' up. Summer harvest will be required to avoid conflicts with the snowmobile trail. 2010 Cut by St. John summer of 2010 under contract # 10-09-01. Stand has regenerated to aspen. Trace amount of red pine in canopy. Good sugar maple regeneration. Most of the balsam is on the edge of stand. (2025)Great sugar
	Canopy Species Sugar Maple Paper Birch Quaking Aspen Balsam Poplar Balsam Fir Black Cherry 4110 - Sugar M	% Cover 1 5 84 2 5 3 aple Asso	Sapling Sapling Sapling Sapling Sapling Sapling Sapling	DBH A 1 2 2 2 3 2 Sawtimber	14 Well	38.2 120	111-140	N/A	\	41 - 50 red osier dogwood, 50 serviceberry, 50 magenta crabapples, 50 elderberry, 50 nannyberry, 25 highbush cranberry, 50 sand cherry, 50 pin cherry, 125 beaked hazelnut, and 25 red oak seedlings were planted by the Ruffed Grouse Society volunteer group.OPIC - FMD: West of stand 41 but lower and wetter. Conifer content is significant, and transitioning to a spruce/fir stand. Aspen is fairly sparse in areas Contains a large stick nest in a 16" aspen about 30' up. Summer harvest will be required to avoid conflicts with the snowmobile trail. 2010 Cut by St. John summer of 2010 under contract # 10-09-01. Stand has regenerated to aspen. Trace amount of red pine in canopy. Good sugar maple regeneration. Most of the balsam is on the edge of stand. (2025)Great sugar maple regeneration, decent poles. Mostly table-top and north-facing slope. 100 BA overall, more regeneration in west. Wait until next
	Canopy Species Sugar Maple Paper Birch Quaking Aspen Balsam Poplar Balsam Fir Black Cherry 4110 - Sugar M Canopy Species	% Cover 1 5 84 2 5 3 aple Asso	Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	DBH A 1 2 2 2 3 2 Sawtimber	14 Well	38.2 120 Sub-Canopy Species	111-140 Density	N/A Avg. Height	Size	41 - 50 red osier dogwood, 50 serviceberry, 50 magenta crabapples, 50 elderberry, 50 nannyberry, 25 highbush cranberry, 50 sand cherry, 50 pin cherry, 125 beaked hazelnut, and 25 red oak seedlings were planted by the Ruffed Grouse Society volunteer group.OPIC - FMD: West of stand 41 but lower and wetter. Conifer content is significant, and transitioning to a spruce/fir stand. Aspen is fairly sparse in areas Contains a large stick nest in a 16" aspen about 30' up. Summer harvest will be required to avoid conflicts with the snowmobile trail. 2010 Cut by St. John summer of 2010 under contract # 10-09-01. Stand has regenerated to aspen. Trace amount of red pine in canopy. Good sugar maple regeneration. Most of the balsam is on the edge of stand. (2025)Great sugar maple regeneration, decent poles. Mostly table-top and north-facing slope. 100 BA overall, more regeneration in west. Wait until next entry to thin.OPIC - FMD: Cut under permit #12-99-01 in 2000.
	Canopy Species Sugar Maple Paper Birch Quaking Aspen Balsam Poplar Balsam Fir Black Cherry 4110 - Sugar M Canopy Species Sugar Maple	% Cover 1 5 84 2 5 3 aple Assoc	Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Cociation Size Class Log/Pole	DBH A 1	14 Well	38.2 120 Sub-Canopy Species Balsam Poplar	111-140 Density Trace	N/A Avg. Height Variable	Size Variable	41 - 50 red osier dogwood, 50 serviceberry, 50 magenta crabapples, 50 elderberry, 50 nannyberry, 25 highbush cranberry, 50 sand cherry, 50 pin cherry, 125 beaked hazelnut, and 25 red oak seedlings were planted by the Ruffed Grouse Society volunteer group.OPIC - FMD: West of stand 41 but lower and wetter. Conifer content is significant, and transitioning to a spruce/fir stand. Aspen is fairly sparse in areas Contains a large stick nest in a 16" aspen about 30' up. Summer harvest will be required to avoid conflicts with the snowmobile trail. 2010 Cut by St. John summer of 2010 under contract # 10-09-01. Stand has regenerated to aspen. Trace amount of red pine in canopy. Good sugar maple regeneration. Most of the balsam is on the edge of stand. (2025)Great sugar maple regeneration, decent poles. Mostly table-top and north-facing slope. 100 BA overall, more regeneration in west. Wait until next entry to thin.OPIC - FMD: Cut under permit #12-99-01 in 2000. Hardwood regeneration is essentially nonexistant. Raspberry is very
	Canopy Species Sugar Maple Paper Birch Quaking Aspen Balsam Poplar Balsam Fir Black Cherry 4110 - Sugar M Canopy Species Sugar Maple Yellow Birch	% Cover 1 5 84 2 5 3 aple Assoc % Cover 79 1	Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sciation Sciation Sciation Folio Size Class Log/Pole Pole	DBH A 1 2 2 2 2 3 3 2 2 Sawtimber DBH A 11 1 9	14 Well	38.2 120 Sub-Canopy Species Balsam Poplar Leatherwood	111-140 Density Trace Low	N/A Avg. Height Variable 5 - 10 feet	Size Variable 5 - 10 feet	41 - 50 red osier dogwood, 50 serviceberry, 50 magenta crabapples, 50 elderberry, 50 nannyberry, 25 highbush cranberry, 50 sand cherry, 50 pin cherry, 125 beaked hazelnut, and 25 red oak seedlings were planted by the Ruffed Grouse Society volunteer group.OPIC - FMD: West of stand 41 but lower and wetter. Conifer content is significant, and transitioning to a spruce/fir stand. Aspen is fairly sparse in areas Contains a large stick nest in a 16" aspen about 30' up. Summer harvest will be required to avoid conflicts with the snowmobile trail. 2010 Cut by St. John summer of 2010 under contract # 10-09-01. Stand has regenerated to aspen. Trace amount of red pine in canopy. Good sugar maple regeneration. Most of the balsam is on the edge of stand. (2025)Great sugar maple regeneration, decent poles. Mostly table-top and north-facing slope. 100 BA overall, more regeneration in west. Wait until next entry to thin.OPIC - FMD: Cut under permit #12-99-01 in 2000.
	Canopy Species Sugar Maple Paper Birch Quaking Aspen Balsam Poplar Balsam Fir Black Cherry 4110 - Sugar M Canopy Species Sugar Maple Yellow Birch Basswood	% Cover 1 5 84 2 5 3 aple Assoc % Cover 79 1 1 15	Sapling Sapling Sapling Sapling Sapling Sapling Sciation Size Class Log/Pole Pole Log	DBH A 1	14 Well	38.2 120 Sub-Canopy Species Balsam Poplar Leatherwood White Spruce	111-140 Density Trace Low Trace	N/A Avg. Height Variable 5 - 10 feet Variable	Size Variable 5 - 10 feet Variable	41 - 50 red osier dogwood, 50 serviceberry, 50 magenta crabapples, 50 elderberry, 50 nannyberry, 25 highbush cranberry, 50 sand cherry, 50 pin cherry, 125 beaked hazelnut, and 25 red oak seedlings were planted by the Ruffed Grouse Society volunteer group.OPIC - FMD: West of stand 41 but lower and wetter. Conifer content is significant, and transitioning to a spruce/fir stand. Aspen is fairly sparse in areas Contains a large stick nest in a 16" aspen about 30' up. Summer harvest will be required to avoid conflicts with the snowmobile trail. 2010 Cut by St. John summer of 2010 under contract # 10-09-01. Stand has regenerated to aspen. Trace amount of red pine in canopy. Good sugar maple regeneration. Most of the balsam is on the edge of stand. (2025)Great sugar maple regeneration, decent poles. Mostly table-top and north-facing slope. 100 BA overall, more regeneration in west. Wait until next entry to thin.OPIC - FMD: Cut under permit #12-99-01 in 2000. Hardwood regeneration is essentially nonexistant. Raspberry is very
	Canopy Species Sugar Maple Paper Birch Quaking Aspen Balsam Poplar Black Cherry 4110 - Sugar M Canopy Species Sugar Maple Yellow Birch Basswood Paper Birch	% Cover 1 5 84 2 5 3 aple Assor 79 1 1 15 1	Sapling Sapling Sapling Sapling Sapling Sapling Ociation Size Class Log/Pole Pole Log Pole	DBH A 1	14 Well	38.2 120 Sub-Canopy Species Balsam Poplar Leatherwood White Spruce Ironwood	111-140 Trace Low Trace Low	N/A Avg. Height Variable 5 - 10 feet Variable Variable	Size Variable 5 - 10 feet Variable Variable	41 - 50 red osier dogwood, 50 serviceberry, 50 magenta crabapples, 50 elderberry, 50 nannyberry, 25 highbush cranberry, 50 sand cherry, 50 pin cherry, 125 beaked hazelnut, and 25 red oak seedlings were planted by the Ruffed Grouse Society volunteer group.OPIC - FMD: West of stand 41 but lower and wetter. Conifer content is significant, and transitioning to a spruce/fir stand. Aspen is fairly sparse in areas Contains a large stick nest in a 16" aspen about 30' up. Summer harvest will be required to avoid conflicts with the snowmobile trail. 2010 Cut by St. John summer of 2010 under contract # 10-09-01. Stand has regenerated to aspen. Trace amount of red pine in canopy. Good sugar maple regeneration. Most of the balsam is on the edge of stand. (2025)Great sugar maple regeneration, decent poles. Mostly table-top and north-facing slope. 100 BA overall, more regeneration in west. Wait until next entry to thin.OPIC - FMD: Cut under permit #12-99-01 in 2000. Hardwood regeneration is essentially nonexistant. Raspberry is very
228	Canopy Species Sugar Maple Paper Birch Quaking Aspen Balsam Poplar Balsam Fir Black Cherry 4110 - Sugar M Canopy Species Sugar Maple Yellow Birch Basswood Paper Birch Quaking Aspen	% Cover 1	Sapling Sapling Sapling Sapling Sapling Sapling Sapling Ociation Size Class Log/Pole Pole Log Pole Pole Pole	DBH A 1	14 Well	38.2 120 Sub-Canopy Species Balsam Poplar Leatherwood White Spruce Ironwood Balsam Fir	111-140 Trace Low Trace Low Low Low	N/A Avg. Height Variable 5 - 10 feet Variable Variable Variable Variable	Size Variable 5 - 10 feet Variable Variable Variable Variable	41 - 50 red osier dogwood, 50 serviceberry, 50 magenta crabapples, 50 elderberry, 50 nannyberry, 25 highbush cranberry, 50 sand cherry, 50 pin cherry, 125 beaked hazelnut, and 25 red oak seedlings were planted by the Ruffed Grouse Society volunteer group.OPIC - FMD: West of stand 41 but lower and wetter. Conifer content is significant, and transitioning to a spruce/fir stand. Aspen is fairly sparse in areas Contains a large stick nest in a 16" aspen about 30' up. Summer harvest will be required to avoid conflicts with the snowmobile trail. 2010 Cut by St. John summer of 2010 under contract # 10-09-01. Stand has regenerated to aspen. Trace amount of red pine in canopy. Good sugar maple regeneration. Most of the balsam is on the edge of stand. (2025)Great sugar maple regeneration, decent poles. Mostly table-top and north-facing slope. 100 BA overall, more regeneration in west. Wait until next entry to thin.OPIC - FMD: Cut under permit #12-99-01 in 2000. Hardwood regeneration is essentially nonexistant. Raspberry is very



Stand	Level 4 Co	over Type	;	Size De	nsity	Acre	s Stand Age I	BA Range	Managed S	ite	General Comments
229	6112 - Lov	wland Aspe	n	Sapling	Poor	14.	4 12	Immature	N/A		Trace amount of red maple and paper birch in canopy.
C	anopy Species	% Cover	Size Class	DBH	I Age	Sub-	Canopy Species	Density	Avg. Height	Size	(2025)OPIC - FMD: Fairly well stocked aspen stand with a good mix of softwood and white birch. Portions of the stand are wetter with
	Red Maple	20	Sapling	2			Tag Alder	Medium	5 - 10 feet	5 - 10 feet	more Balm, almost a "P" type. The aspen is big and mature, average
	Paper Birch	3	Sapling	2							dbh is 12"-14". Scattered throughout the stand are large, supercanopy white spruce. Retain all cedar, white pine, and super-canopy
Q	uaking Aspen	45	Sapling	2	12						spruce. 2012-Sale cut by Minerick under contract # 009-09-01.
В	alsam Poplar	10	Sapling	2							,
	Balsam Fir	10	Sapling/Pole	4							
E	Black Spruce	2	Sapling	2							
North	ern White Cedar	10	Pole/Log	9							
230	4130	- Aspen	Р	oletimb	er We	ell 13.	0 34	81-110	N/A		
С	anopy Species	% Cover	Size Class	DBH	I Age	Sub-	Canopy Species	Density	Avg. Height	Size	
Ç	Sugar Maple	2	Pole	7		V	Vhite Spruce	Trace	Variable	Variable	
Q	uaking Aspen	93	Pole/Sapling	6	34	Е	Black Cherry	Low	Variable	Variable	
	Balsam Fir	5	Pole/Sapling	6		А	merican Elm	Trace	Variable	Variable	
							Balsam Fir	Low	Variable	Variable	
							Ironwood	Trace	Variable	Variable	
						5	Sugar Maple	Medium	Variable	Variable	
							Red Maple	Low	Variable	Variable	
						I	Paper Birch	Low	Variable	Variable	
231	4130	- Aspen		Unspe	cifed	28.	7 3				Patches of GEMS timber sale retention. Most balsam fir and saplings
						Sub-	Canopy Species	Density	Avg. Height	Size	standing dead. Smaller and wetter on east side. (2025)2022: Part of stand harvested in Patches of GEMS sale 32-013-19.
						Qı	uaking Aspen	Full	< 5 feet	< 5 feet	Stand harvested in Flateness of GEMIO sale 02 010 10.
						Е	lack Spruce	Low	< 5 feet	< 5 feet	
							Balsam Fir	Low	< 5 feet	< 5 feet	
232	6122 - Bl	ack Spruce	Pol	letimbe	r Medi	um 5.5	5 87	51-80	N/A		Stand along the river. Leave as buffer. Good cover. Due to its
С	anopy Species	% Cover	Size Class	DBH	I Age	Sub-	Canopy Species	Density	Avg. Height	Size	proximity to the river and amount of aspen this should be left as a buffer. (2025)
(Sugar Maple	2	Pole	8		В	alsam Poplar	Low	Variable	Variable	- Janon. (2020)
	Paper Birch	5	Log/Pole	10			Balsam Fir	Full	Variable	Variable	
Q	uaking Aspen	15	Log/Pole	10		North	ern White Cedar	Trace	< 5 feet	< 5 feet	
В	alsam Poplar	15	Log/Pole	14			Red Maple	Low	Variable	Variable	
Е	Black Spruce	53	Pole	8	87		Tag Alder	Medium	5 - 10 feet	5 - 10 feet	
North	ern White Cedar	10	Log/Pole	10							



Stand	Level 4 Co	ver Type		Size Density		Acres	Stand Age B	A Range	Managed S	ite	General Comments
233	4130 -	- Aspen	Po	letimb	er Wel	J 9.7	34	81-110	N/A	\	
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Sugar Maple	2	Pole	7		Bla	ck Cherry	Low	Variable	Variable	
(Quaking Aspen	93	Pole/Sapling	6	34	Whi	te Spruce	Trace	Variable	Variable	
	Balsam Fir	5	Pole/Sapling	6		Ame	erican Elm	Trace	Variable	Variable	
						Ва	lsam Fir	Low	Variable	Variable	
						In	onwood	Trace	Variable	Variable	
						Suç	gar Maple	Medium	Variable	Variable	
						Re	ed Maple	Low	Variable	Variable	
						Pa	per Birch	Low	Variable	Variable	
234	6139 - Mixed I	Lowland F	orest Saw	rtimber	r Mediu	ım 16.2	64	1-50	N/A	λ.	This is primarily a buffer stand along the river. Aspen is breaking up
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	2	Pole	8		Ва	lsam Fir	High	Variable	Variable	
	Paper Birch	3	Pole/Log	8		Re	d Maple	Low	Variable	Variable	
(Quaking Aspen	35	Log/Pole	14	64	Ta	ag Alder	High	5 - 10 feet	5 - 10 feet	
	White Spruce	5	Log/Pole/XLog	12		Qual	king Aspen	Low	Variable	Variable	
	Black Spruce	50	Log/Pole	10	64						•
	Tamarack	3	Log/Pole	10							
	Black Cherry	2	Pole	6							
236	3102 -	- Grass		None		1.8			Yes	5	Some encroachment from cherry and tamarack
237	4130 -	- Aspen	Po	Poletimber Well		I 16.9 34		81-110	N/A	Λ	Trace amount of black ash in canopy. (2025)
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Quaking Aspen	70	Pole/Sapling	6	34		ack Ash	Trace	Variable	Variable	
	Balsam Poplar	23	Pole/Sapling	6		Bals	am Poplar	Low	Variable	Variable	
	Balsam Fir	6	Pole	5			ck Cherry	Low	Variable	Variable	
	White Spruce	1	Pole	7			lsam Fir	Low	Variable	Variable	
	•					Sug	gar Maple	Trace	Variable	Variable	
							ed Maple	Low	Variable	Variable	
							ag Alder	Trace	5 - 10 feet	5 - 10 feet	
							te Spruce	Low	Variable	Variable	
238	3102 -	- Grass		Nor	ne	2.2			Yes	5	2015 - planted 10 dolgo crabapples.



Stand	Level 4 C	over Type	;	Size De	ensity Acres Stand Age BA Range Managed Site			Managed S	General Comments	
239	4112 - Maple, Beec	h, Cherry A	Association S	Sawtimb	er Well	3.9 187	111-140	N/A	\	OPIC - FMD: Occasional large white spruce, hemlock, and white
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Canopy Species	Density	Avg. Height	Size	birch. There are a few very large (over 24" dbh) hard maple remnants in the eastern part of the stand.
	Sugar Maple	54	Log/Pole	11	187	Sugar Maple	Medium	Variable	Variable	and distant part of the stand.
	Red Maple	30	Log/Pole	12				1		
	Yellow Birch	3	Pole	5						
	Basswood	10	Log/Pole	10						
	White Spruce	2	Log/XLog	14						
	Hemlock	1	Log/Pole	10						
240	4130	- Aspen		Saplin	g Well	16.1 21 Ir	mmature	N/A	1	Trace amount of super canopy cedar and sugar maple. Trace amount
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Canopy Species	Density	Avg. Height	Size	of tamarack and white spruce in canopy. (2025)The two-track road that is in this stand was planted to clover in 2015. OPIC - FMD:
	Sugar Maple	2	Sapling/Pole	3		Black Cherry	Low	Variable	Variable	A5F4M4 Occasional cedar. Aspen is good sized and healthy.
	Paper Birch	1	Sapling/Pole	3		Balsam Fir	Low	5 - 10 feet	5 - 10 feet	Almost all of the spruce are large, super-canopy trees. Retain cedar
	Quaking Aspen	77	Sapling/Pole	3	21	Sugar Maple	Low	5 - 10 feet	5 - 10 feet	and the large spruce. 2009-Stand treated under contract # 008-09-01 by Gartland. Sapling stand, A3 with some spruce and cedar
	Bigtooth Aspen	10	Sapling/Pole	3		White Ash	Trace	Variable	Variable	retention. Hunter walking trail north side of stand.
	Balsam Fir	10	Sapling/Pole	4						-
241	4130	- Aspen	P	oletimb	er Well	40.1 30	51-80	N/A	1	Trace amount of tamarack and red pine in canopy. 1 lower pocket
	Canopy Species	% Cover	Size Class	DBH	H Age	Sub-Canopy Species	Density	Avg. Height	Size	present (2025).The two-track road that is in this stand was planted to clover in 2015. OPIC - FMD: Cut 2002 permit #11-99-01 LaFleur.
	Red Maple	5	Pole/Sapling	6		Black Cherry	Medium	Variable	Variable Has regenerated nicely.12/20/2016:	Has regenerated nicely.12/20/2016: Good stocking aspen sapling
	Paper Birch	1	Sapling/Pole	3		Balsam Fir	Low	Variable	Variable	stand.
	Quaking Aspen	81	Pole/Sapling	5	30	Sugar Maple	Low	Variable	Variable	
	Balsam Fir	5	Sapling/Pole	4		Red Maple	Medium	Variable	Variable	
	White Spruce	1	Sapling/Pole	4		White Spruce	Trace	5 - 10 feet	5 - 10 feet	
No	rthern White Cedar	2	Log/Pole	10			-			_
	Black Cherry	5	Pole/Sapling	5						
242	6120 - Lov	wland Ceda	ar P	oletim	er Well	94.8 142	111-140	N/A	1	OPIC - FMD: C6C7 over swamp conifers and tag alder 12/20/2016:
	Canopy Species	% Cover	Size Class	DBH	H Age	Sub-Canopy Species	Density	Avg. Height	Size	Larger log cedar on edge, sloping to low, 2-stick poles in center of stand. Too wet site condition-muck soils. Nice yellow birch regen on
	Red Maple	1	Pole	7		Alder	Low	5 - 10 feet	5 - 10 feet	edges.
	Yellow Birch	1	Pole	7		Balsam Fir	Medium	Variable	Variable	
	Black Spruce	5	Pole	7						_
No	rthern White Cedar	93	Pole/Log	8	142					
243	6120 - Lo	wland Ceda	ar S	Sawtimb	er Well	10.3 114	201+	N/A	1	
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Canopy Species	Density	Avg. Height	Size	
	Red Maple	3	Log/Pole	13		Balsam Fir	Medium	Variable	Variable	
	Yellow Birch	2	Log/Pole	12		Black Spruce	Low	Variable	Variable	
	Paper Birch	3	Pole	8						_
	Black Spruce	5	Pole/Log	9						
NIa	rthern White Cedar	87	Log/Pole	12	114					



Stand	Level 4 Co	over Type	••	Size Density	Acres	Stand Age B	A Range	Managed S	Site	General Comments	
244	4134 - Aspe	en, Spruce	/Fir P	oletimber	Well	38.1	64	111-140	N/A	4	OPIC - FMD: Healthy aspen stand with scattered fir poles.
	Canopy Species	% Cover	Size Class	DBH A	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Red Maple	5	Pole	8		Sug	ar Maple	Low	Variable	Variable	
(Quaking Aspen	65	Log/Pole	10	64	Bal	sam Fir	Medium	Variable	Variable	
	Balsam Fir	25	Pole/Sap/Log								
	Black Cherry	5	Sapling/Pole	4							
245	4134 - Aspe	en, Spruce	/Fir	Unspeci	fed	21.7	5	1-50			OPIC - FMD: Healthy aspen stand with scattered fir poles.2020:
						Sub-Car	nopy Species	Density	Avg. Height	Size	Stand harvested in Patches of GEMS sale 32-013-19.
						Blac	k Cherry	Low	5 - 10 feet	5 - 10 feet	
						Bal	sam Fir	Medium	Variable	Variable	
						Sug	ar Maple	Low	Variable	Variable	
						Red	d Maple	Low	5 - 10 feet	5 - 10 feet	
					Quaking Aspen		Full	Full 5 - 10 feet 5 - 10			
246	330 - Low-E	Density Tre	ees	None		2.2			Yes	S	Opening filling in with cherry, balsam and red maple. North end almost filled in. (2025)OPIC - FMD: Narrow opening filling in.
247	6120 - Lov	wland Ceda	ar P	oletimber	Well	354.7	160	171-200 N/A			Very wet stand. Trace amounts of hemlock, balsam poplar and paper
	Canopy Species	% Cover	Size Class	s DBH Age		Sub-Canopy Species			Avg. Height	Size	birch in the canopy. (2025)Very wet. Potential harvest only drought or deep freeze to muck. Edges may be harvested before deep wet
	Black Spruce	2	Pole/Log	9		Bal	sam Fir	Medium	Variable	Variable	mucks. Slopes to low. Observed west end near stand 66 too, very
Nor	thern White Cedar	96	Pole/Log/Sap	6	160	,	Alder	Low	5 - 10 feet	5 - 10 feet	wet, alder here. Trail not passable.South end trail to 37 could not find
	Tamarack	2	Pole/Log	9		Pap	er Birch	Trace	Variable	Variable	overgrown .
248	4110 - Sugar M	laple Asso	ciation S	Sawtimber	Well	4.3	104	141-170	N/A	4	Trace amount of yellow birch (2025)OPIC - FMD: This stand drops
	Canopy Species	% Cover	Size Class	DBH A	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	quickly to a large cedar swamp on the west with a fringe of spruce/fir on the east fading to a natural opening. Scattered upland cedar and
	Sugar Maple	85	Log/Pole	12	104	Bal	sam Fir	Low	Variable	Variable	yellow birch throughout.
	Red Maple	10	Log/Pole	12							_
	Balsam Fir	1	Pole	8							
	White Spruce	1	Log	12							
Nor	thern White Cedar	2	Log/Pole	14							
	Hemlock	1	Log	14							
249	3102	- Grass		None		8.2			Yes	S	Bam encroaching on edges. Balsam fir, spruce, cherry, and maple filling in. (2025)2015 - Planted 17 chestnut crabapples and 18 whitney crabapples with enclosures in this opening. OPIC - FMD: Narrow natural opening with scattered spruce/fir.Planted saplings doing well, over-topped fences. White pine, fir open growing. Fern, grass, berry mix.

Compartment: 51 Year of Entry: 2027 DNR DNR

Stan	d Level 4 Co	over Type	ver Type Siz			Acres Stand A	ge BA Ran	ge	Managed S	ite	General Comments
250	4130 -	- Aspen	Pole	timber	Mediu	ım 16.8 32	51-80)	N/A		OPIC - FMD: CUT UNDER PERMIT 36-89-1 Aspen is 1-2" in
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Spe	ecies Den	sity	Avg. Height	Size	diameter, 10-20' tall.
	Red Maple	1	Log/Pole	12		Alder	Lo	OW	5 - 10 feet	5 - 10 feet	
	Paper Birch	2	Pole	5		Sugar Maple	Med	dium	< 5 feet	< 5 feet	
	Quaking Aspen	61	Pole/Sapling	6	32	Sugar Maple	Lo	OW	Variable	Variable	
	Balsam Poplar	25	Pole	5		Red Maple	Lo	WC	Variable	Variable	
	Balsam Fir	10	Pole	7		Balsam Popla	r Lo	OW	Variable	Variable	
	Black Cherry	1	Pole	7		Hazelnut (Spp	.) Lo	WC	5 - 10 feet	5 - 10 feet	
						Balsam Fir	Lo	OW	Variable	Variable	
251	4199 - Other Mixed	d Upland D	eciduous S	Sapling	Well	24.1 32	Immatu	re	N/A		OPIC - FMD: CUT UNDER PERMIT 36-89-1 Aspen is 1-2" in
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Spe	ecies Den	sity	Avg. Height	Size	diameter, 10-20' tall.Stand is decently wet. Trace amounts of red pine and cedar in canopy. Emerging pole stand (2025)
	Red Maple	35	Sapling/Pole	4	32	Alder	Lo	WC	5 - 10 feet	5 - 10 feet	pino and ocual in carropy. Emerging pole stand (2020)
	Paper Birch	5	Pole/Sapling	5		Balsam Fir	Lo	WC	Variable	Variable	
	Quaking Aspen	15	Pole/Sapling	6		Northern White C	edar Tra	ace	< 5 feet	< 5 feet	
	Balsam Poplar	25	Sapling/Pole	4		Sugar Maple	Tra	ace	5 - 10 feet	5 - 10 feet	
	Balsam Fir	10	Pole/Sap/Log	5		Red Maple	Med	dium	5 - 10 feet	5 - 10 feet	
	White Spruce	1	Sapling/Pole	4		Black Ash	Tra	ace	Variable	Variable	
	Black Spruce	2	Pole	6			,				•
	Tamarack	1	Pole	6							
	Hemlock	5	Log/XLog	16							
	Black Cherry	1	Sapling/Pole	4							
252	6225	i - Bog		Nor	ie	2.8			No		
253	6120 - Lov	vland Ceda	ar Po	letimb	er We	I 46.2 132	111-14	.0	N/A		Stocking is variable. Trace amount of tamarack. (2025)
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Spe	cies Den	sity	Avg. Height	Size	
	Paper Birch	5	Log/Pole	10		Alder	Hi	gh	5 - 10 feet	5 - 10 feet	
	Quaking Aspen	10	Log/Pole	10		Quaking Aspe	n Tra	ace	Variable	Variable	
	Black Spruce	25	Pole	6		Balsam Fir	Hi	gh	Variable	Variable	
No	orthern White Cedar	60	Pole/Log	9	132						-



Stand	Level 4 Co	Size Density	Acres	Stand Age	BA Range	Managed S	ite	General Comments		
254	4136 - Aspen	<u> </u>		Sapling Wel	_	2		N/A	1	OPIC - FMD: Aspen poles and saplings with fir, jack pine, spruce poles, and scattered white pine sawtimber over fir, red and white pine,
	Canopy Species		Size Class	DBH Age						and jack pine seedlings and saplings. The stand is fully stocked and
	Red Maple	20 52	Sapling	1 1 2						just starting to transition from a sapling stand to a pole stand.7/19/23: Updated to non-OI cover type.Trace amount of
	Quaking Aspen Balsam Fir	15	Sapling Sapling	1 2						jack pine and paper birch. 2024
	Black Spruce	1	Sapling	1						
	White Pine	7	Log	16						
	White Pine	1	Sapling	2						
	Red Pine	1	Sapling	2						
	Red Pine	3	Log	16						
255	4110 - Sugar M	/laple Assoc	ciation F	Poletimber W	ell 8.7	64	81-110	N/A		OPIC - FMD: Small patch of primarily sugar maple. Site quality is
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	anopy Specie	s Density	Avg. Height	Size	good, but regeneration from the last cutting is essentially non-existant except for a few fir and ironwood. Stand 66 is very similar.2020:
	Sugar Maple	95	Log/Pole	10 64	Lea	atherwood	Low	5 - 10 feet	5 - 10 feet	Stand harvested in Patches of GEMS sale 32-013-19, treatment was
	Quaking Aspen		Log/XLog	14	В	alsam Fir	Low	Variable	Variable	"Thin for timber stand improvement: Thin hardwood poles to increase quality. Cut aspen to regenerate and capture mortality. Retain some
										large over-mature aspen for wildlife".
	4112 - Maple, Beec					187	81-110 s Density	N/A		large over-mature aspen for wildlife". Chapter 7 approved and filed on 5/24/19 to treat this stand out of YOE with adjoining stand 255. Average of 130+ BA. South and east edge of
	4112 - Maple, Beec	% Cover	Size Class	DBH Age	Sub-Ca	187 anopy Specie alsam Fir	s Density	N/A Avg. Height Variable	Size Variable	large over-mature aspen for wildlife". Chapter 7 approved and filed on 5/24/19 to treat this stand out of YOE with adjoining stand 255. Average of 130+ BA. South and east edge of the stand is dense to maple saplings and sparse small sawlog sized
	4112 - Maple, Beec				Sub-Ca	anopy Specie		Avg. Height	Size	large over-mature aspen for wildlife". Chapter 7 approved and filed on 5/24/19 to treat this stand out of YOE with adjoining stand 255. Average of 130+ BA. South and east edge of the stand is dense to maple saplings and sparse small sawlog sized trees, sapling area was excluded from treatment.OPIC - FMD: Small patch of primarily sugar maple. Site quality is good, but
	4112 - Maple, Beec Canopy Species Sugar Maple	% Cover	Size Class Log/Pole	DBH Age	Sub-Ca Ba Su	anopy Specie alsam Fir	s Density Medium	Avg. Height Variable	Size Variable	large over-mature aspen for wildlife". Chapter 7 approved and filed on 5/24/19 to treat this stand out of YOE with adjoining stand 255. Average of 130+ BA. South and east edge of the stand is dense to maple saplings and sparse small sawlog sized trees, sapling area was excluded from treatment.OPIC - FMD: Small patch of primarily sugar maple. Site quality is good, but regeneration from the last cutting is essentially non-existant except for
	4112 - Maple, Beec Canopy Species Sugar Maple Red Maple	% Cover 60 30	Size Class Log/Pole Log/Pole	DBH Age 12 187 12 10	Sub-Ca Ba Su	anopy Specie alsam Fir Igar Maple	S Density Medium Medium	Avg. Height Variable 10 - 20 feet	Size Variable 10 - 20 feet	large over-mature aspen for wildlife". Chapter 7 approved and filed on 5/24/19 to treat this stand out of YOE with adjoining stand 255. Average of 130+ BA. South and east edge of the stand is dense to maple saplings and sparse small sawlog sized trees, sapling area was excluded from treatment.OPIC - FMD: Small patch of primarily sugar maple. Site quality is good, but
	4112 - Maple, Beec Canopy Species Sugar Maple Red Maple Yellow Birch	% Cover 60 30 5	Size Class Log/Pole Log/Pole Log/Pole	DBH Age 12 187 12 10	Sub-Ca Ba Su	anopy Specie alsam Fir Igar Maple	S Density Medium Medium	Avg. Height Variable 10 - 20 feet	Size Variable 10 - 20 feet	large over-mature aspen for wildlife". Chapter 7 approved and filed on 5/24/19 to treat this stand out of YOE with adjoining stand 255. Average of 130+ BA. South and east edge of the stand is dense to maple saplings and sparse small sawlog sized trees, sapling area was excluded from treatment.OPIC - FMD: Small patch of primarily sugar maple. Site quality is good, but regeneration from the last cutting is essentially non-existant except for a few fir and ironwood. There is a frindge of M3 possibly from an old
	4112 - Maple, Beec Canopy Species Sugar Maple Red Maple Yellow Birch Balsam Fir	% Cover 60 30 5	Size Class Log/Pole Log/Pole Log/Pole	DBH Age 12 187 12 10	Sub-Ca Ba Su R	anopy Specie alsam Fir Igar Maple	S Density Medium Medium	Avg. Height Variable 10 - 20 feet	Size Variable 10 - 20 feet	large over-mature aspen for wildlife". Chapter 7 approved and filed on 5/24/19 to treat this stand out of YOE with adjoining stand 255. Average of 130+ BA. South and east edge of the stand is dense to maple saplings and sparse small sawlog sized trees, sapling area was excluded from treatment.OPIC - FMD: Small patch of primarily sugar maple. Site quality is good, but regeneration from the last cutting is essentially non-existant except for a few fir and ironwood. There is a frindge of M3 possibly from an old wildlife cutting which occurred in the 70's?West side stocked better, but east and south sparse stocking. Good sapling recruitment on east side of stand. Access trail has deep ruts, holding water. Trail heading east out of stand very wet, impassable now.2025: Part of the stand harvested in Patches of GEMS sale 32-013-19, treatment was "thin for timber stand improvement: Thin hardwood poles to increase quality. Cut aspen to regenerate and capture mortality. Retain some large over-mature aspen for wildlife."
256	4112 - Maple, Beec Canopy Species Sugar Maple Red Maple Yellow Birch Balsam Fir	% Cover 60 30 5 5	Size Class Log/Pole Log/Pole Log/Pole	DBH Age	Sub-Ca Bi Su Ri	anopy Specie alsam Fir Igar Maple ed Maple	s Density Medium Medium Low	Avg. Height Variable 10 - 20 feet	Size Variable 10 - 20 feet	large over-mature aspen for wildlife". Chapter 7 approved and filed on 5/24/19 to treat this stand out of YOE with adjoining stand 255. Average of 130+ BA. South and east edge of the stand is dense to maple saplings and sparse small sawlog sized trees, sapling area was excluded from treatment.OPIC - FMD: Small patch of primarily sugar maple. Site quality is good, but regeneration from the last cutting is essentially non-existant except for a few fir and ironwood. There is a frindge of M3 possibly from an old wildlife cutting which occurred in the 70's?West side stocked better, but east and south sparse stocking. Good sapling recruitment on east side of stand. Access trail has deep ruts, holding water. Trail heading east out of stand very wet, impassable now.2025: Part of the stand harvested in Patches of GEMS sale 32-013-19, treatment was "thin for timber stand improvement: Thin hardwood poles to increase quality. Cut aspen to regenerate and capture mortality. Retain some large over-mature aspen for wildlife."
256	4112 - Maple, Beec Canopy Species Sugar Maple Red Maple Yellow Birch Balsam Fir	% Cover 60 30 5 5	Size Class Log/Pole Log/Pole Log/Pole	DBH Age	Sub-Ca Bi Su Ri 40.9	anopy Specie alsam Fir Igar Maple ed Maple	s Density Medium Medium Low	Avg. Height Variable 10 - 20 feet 10 - 20 feet	Size Variable 10 - 20 feet 10 - 20 feet	large over-mature aspen for wildlife". Chapter 7 approved and filed on 5/24/19 to treat this stand out of YOE with adjoining stand 255. Average of 130+ BA. South and east edge of the stand is dense to maple saplings and sparse small sawlog sized trees, sapling area was excluded from treatment.OPIC - FMD: Small patch of primarily sugar maple. Site quality is good, but regeneration from the last cutting is essentially non-existant except for a few fir and ironwood. There is a frindge of M3 possibly from an old wildlife cutting which occurred in the 70's?West side stocked better, but east and south sparse stocking. Good sapling recruitment on east side of stand. Access trail has deep ruts, holding water. Trail heading east out of stand very wet, impassable now.2025: Part of the stand harvested in Patches of GEMS sale 32-013-19, treatment was "thin for timber stand improvement: Thin hardwood poles to increase quality. Cut aspen to regenerate and capture mortality. Retain some large over-mature aspen for wildlife." OPIC - FMD: Nice aspen with scattered fir poles. Hunter walking trail within the stand. Last mowed in 1989. Lots of downed trees across the trail.2025: West side of the road harvested in 2021, east side harvested in 2025. Stand harvested in Patches of GEMS sale 32-013-
256	4112 - Maple, Beec Canopy Species Sugar Maple Red Maple Yellow Birch Balsam Fir	% Cover 60 30 5 5	Size Class Log/Pole Log/Pole Log/Pole	DBH Age	40.9 Sub-Ca Ba Su Ra 40.9	anopy Specie alsam Fir Igar Maple ed Maple 3 anopy Specie	s Density Medium Medium Low Immature S Density	Avg. Height Variable 10 - 20 feet 10 - 20 feet Avg. Height	Size Variable 10 - 20 feet 10 - 20 feet	large over-mature aspen for wildlife". Chapter 7 approved and filed on 5/24/19 to treat this stand out of YOE with adjoining stand 255. Average of 130+ BA. South and east edge of the stand is dense to maple saplings and sparse small sawlog sized trees, sapling area was excluded from treatment.OPIC - FMD: Small patch of primarily sugar maple. Site quality is good, but regeneration from the last cutting is essentially non-existant except for a few fir and ironwood. There is a frindge of M3 possibly from an old wildlife cutting which occurred in the 70's?West side stocked better, but east and south sparse stocking. Good sapling recruitment on east side of stand. Access trail has deep ruts, holding water. Trail heading east out of stand very wet, impassable now.2025: Part of the stand harvested in Patches of GEMS sale 32-013-19, treatment was "thin for timber stand improvement: Thin hardwood poles to increase quality. Cut aspen to regenerate and capture mortality. Retain some large over-mature aspen for wildlife." OPIC - FMD: Nice aspen with scattered fir poles. Hunter walking trail within the stand. Last mowed in 1989. Lots of downed trees across the trail.2025: West side of the road harvested in 2021, east side
256	4112 - Maple, Beec Canopy Species Sugar Maple Red Maple Yellow Birch Balsam Fir	% Cover 60 30 5 5	Size Class Log/Pole Log/Pole Log/Pole	DBH Age	40.9 Sub-Ca Ba Sub-Ca Ba Wh	anopy Specie alsam Fir Igar Maple ed Maple 3 anopy Specie alsam Fir	Medium Medium Low Immature Density Low Low	Avg. Height Variable 10 - 20 feet 10 - 20 feet Avg. Height Variable	Size Variable 10 - 20 feet 10 - 20 feet Size Variable	large over-mature aspen for wildlife". Chapter 7 approved and filed on 5/24/19 to treat this stand out of YOE with adjoining stand 255. Average of 130+ BA. South and east edge of the stand is dense to maple saplings and sparse small sawlog sized trees, sapling area was excluded from treatment.OPIC - FMD: Small patch of primarily sugar maple. Site quality is good, but regeneration from the last cutting is essentially non-existant except for a few fir and ironwood. There is a frindge of M3 possibly from an old wildlife cutting which occurred in the 70's?West side stocked better, but east and south sparse stocking. Good sapling recruitment on east side of stand. Access trail has deep ruts, holding water. Trail heading east out of stand very wet, impassable now.2025: Part of the stand harvested in Patches of GEMS sale 32-013-19, treatment was "thin for timber stand improvement: Thin hardwood poles to increase quality. Cut aspen to regenerate and capture mortality. Retain some large over-mature aspen for wildlife." OPIC - FMD: Nice aspen with scattered fir poles. Hunter walking trail within the stand. Last mowed in 1989. Lots of downed trees across the trail.2025: West side of the road harvested in 2021, east side harvested in 2025. Stand harvested in Patches of GEMS sale 32-013-



Stand	Level 4 Co	over Type	S	ize De	ensity	Acres	Stand Age B	A Range	Managed Sit	te	General Comments	
258	4130	- Aspen	Po	oletimb	er Well	24.8	64	81-110	N/A		OPIC - FMD: Nice aspen with scattered fir poles. Hunter walking trail	
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	within the stand. Last mowed in 1989. Lots of downed trees across the trail.	
	Quaking Aspen	90	Log/Pole	12	64	Ва	lsam Fir	Medium	Variable	Variable	the trail.	
	Balsam Fir	5	Pole/Log	8								
	White Spruce	3	Log/XLog	14								
Noi	rthern White Cedar	2	Log/Pole	10								
259	3102	- Grass		No	ne	2.8			No		Opening filling in with BAM, aspen, and balsam fir. (2025)2015 - Planted 5 dolgo crabapples with enclosures in this opening.	
260	4199 - Other Mixed	d Upland D	eciduous S	Sapling	Poor	1.5	20	1-50	N/A		This stand was an opening but is has grown in. Wildlife planted	
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	crabapple trees here. This stand currently has a treatment to restore this stand to an opening. As is, this stand no longer meets the criteria	
	Quaking Aspen	10	Sapling/Pole	3	5	Wild Re	ed Raspberry	Medium	< 5 feet	< 5 feet	of an opening, i.e., canopy closure above 25%. 2015 - planted 5	
	Balsam Poplar	80	Sapling	2	20						dolgo crabapples with enclosures.	
	Balsam Fir	10	Sapling/Pole	3								
261	4110 - Sugar M	laple Assoc	ciation Sa	awtimb	er Well	7.4	120	111-140	N/A		This was once part of a bigger stand but much of it is now in an MWR	
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	stand. West edge has some lower ground and is a little more diverse. (2025)OPIC - FMD: Thinned Dec, 1997 - June,1998 Tri-Forestry	
	Sugar Maple	70	Log/Pole	13	120	Ва	lsam Fir	Low	Variable	Variable	permit #16-97-01 "Perrin Camp Sale". Also C32-382: TSI removing	
	Red Maple	3	Log	13		Sug	jar Maple	Medium	Variable	Variable	ironwood and some marked trees completed in Dec, 1981. Nice	
	Yellow Birch	3	Log/XLog	12		Sug	jar Maple	Low	< 5 feet	< 5 feet	timber quality here and is sawlog size. Lower elevation along clearcut trees show some dieback from possible soil compaction during last	
	Basswood	15	Log/XLog	15		Iro	onwood	Low	Variable	Variable	harvest but most of the stand is healthy and good quality. Some	
	Paper Birch	2	Log	11							higher BA areas but crown room in most areas. M3 gaps from 1970s	
Noi	rthern White Cedar	5	Log	10							harvest 2-4 inches dbh. New M3 regeneration is 3-4 tall and is mostly in the west part of stand. Some feeding by deer but seedlings may	
	White Pine	2	XLog	18							escape. Some scarlet elderberry on landings. 2015: regeneration in	
											west part of stand is now 10' + range.	
262	4134 - Aspe	en, Spruce/	Fir Po	oletimb	er Poor	3.1	20	1-50	N/A		This was two opening separated by a patch of older trees. Multiple ages present both openings are now forested, and this stand serves	
	Canopy Species	% Cover	Size Class	DBH	I Age						as retention for larger surrounding aspen stand timber sale Patches of	
	Quaking Aspen	30	Sapling/Pole	4	20						GEMS. (2025)	
	Quaking Aspen	10	Log/XLog	12	64							
	Balsam Poplar	40	Pole	6	20							
	Balsam Fir	20	Sapling/Pole	4								
263	4134 - Aspe	en, Spruce/	Fir Po	oletimb	er Well	46.6	54	81-110	N/A		OPIC - FMD: A6 over A3/F2. Stand is well stocked with 3-4 stick	
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	poles. 2015-4-6 stick aspen with 4 stick fir over F3. Schedule harvest according to GEMS plan.	
	Quaking Aspen	40	Log/Pole	10	54	Ва	lsam Fir	High	Variable	Variable		
	Bigtooth Aspen	40	Log/Pole	10					,		_	
		20	Pole/Log	9								



Stand	Level 4 C	over Type		Size Density		Acres	Stand Age E	BA Range	Managed S	ite	General Comments
264	4119 - Mixed N	orthern Har	dwoods F	Poletim	ber Well	9.9	42	81-110	N/A	<u> </u>	OPIC - FMD: Cut heavily in 1982. Lots of stump sprouting has
	Canopy Species	% Cover	Size Class	DB	H Age	Sub-Car	opy Species	Density	Avg. Height	Size	resulted in a large number of twins and triplets. Avg. dbh is 6"-7" with very dense sugar maple regeneration 1/2" - 1" diameter and 10'-15'
	Sugar Maple	65	Pole/Sapling	6	42	Suga	ar Maple	Medium	>20 feet	>20 feet	tall.Medium density hardwood poles but marginal quality. Aspen
	Red Maple	10	Log/Pole/Sap	10	108	Red	d Maple	Medium	>20 feet	>20 feet	clone within should be harvested to promote regeneration. Good
	Yellow Birch	2	Sapling/Pole	4		Bal	sam Fir	Medium	Variable	Variable	representation of yellow birch, paper birch, cherry too. 2025: Part of Patches of GEMS sale 32-013-19, but was never cut.
	Paper Birch	1	Sapling/Pole	4							Tracelles of Geline sails of 616 10, but was hereif suit.
	Quaking Aspen	15	Pole	8	42						
	Hemlock	5	Log	12							
	Black Cherry	2	Pole/Sapling	6							
265	4110 - Sugar I	Maple Asso	ciation S	Sawtim	per Well	23.4	108	111-140	N/A	\	Good sugar maple recruitment throughout, but high intensity browse
	Canopy Species	% Cover	Size Class	DB	H Age	Sub-Car	opy Species	Density	Avg. Height	Size	on high knobs. Medium quality sawtimber, needs selection cut for quality improvement.2025: Part of Patches of GEMS sale 32-013-19,
	Sugar Maple	83	Log/Pole	12	108	Suga	ar Maple	Low	5 - 10 feet	5 - 10 feet	but was never cut.
	Yellow Birch	2	Log/XLog	14		Iro	nwood	Low	10 - 20 feet	10 - 20 feet	
	Basswood	15	Log/XLog	14							_
266	4191 - Mixed Upl C	and Decidu onifer	ous with F	Poletim	per Poor	7.8	43	1-50	N/A	1	Some older trees mixed in but for the most part it's fallen out. (2025)
	Canopy Species	% Cover	Size Class	DB	H Age	Sub-Car	opy Species	Density	Avg. Height	Size	
	Red Maple	50	Pole	6	43		ar Maple	Low	Variable	Variable	
	Paper Birch	15	Pole/Log	9		Red	d Maple	High	Variable	Variable	
	Balsam Fir	30	Pole	7		Bal	sam Fir	Medium	Variable	Variable	
	Black Spruce	5	Pole	7						I	
267	6117 - Lowland Cor	Deciduous niferous	, Mixed	Saplin	g Well	8.8	23	Immature	N/A	\	This was an experimental cut. Cedar is starting to seed in after almost 30 years. (2025)
	Canopy Species	% Cover	Size Class	DB	H Age	Sub-Car	opy Species	Density	Avg. Height	Size	
	Red Maple	5	Sapling	3			k Spruce	Low	Variable	Variable	
	Paper Birch	15	Sapling	3		Northern	White Cedar	Low	< 5 feet	< 5 feet	
	Balsam Poplar	39	Sapling	3	23	Bal	sam Fir	Medium	Variable	Variable	
	Black Spruce	10	Sapling	3		A	Alder	High	5 - 10 feet	5 - 10 feet	
No	rthern White Cedar	5	Pole	8				'			
	Tamarack	25	Sapling	3							
	Black Ash	1	Sapling	3							
269	4115 - Y.Bird				per Well	16.2	112	171-200	N/A	\	Balsam fir falling out. Red maple range from poles to XL logs. Red
	Canopy Species	% Cover	Size Class	DB	H Age	Sub-Car	opy Species	Density	Avg. Height	Size	maple filling in areas as trees fall out.
	Red Maple	73	Log/Pole	12	112		ar Maple	Low	Variable	Variable	
	Yellow Birch	10	Log/Pole	16			d Maple	Low	Variable	Variable	
	White Pine	1	XLog	25		White	e Spruce	Low	Variable	Variable	
	Hemlock	16	Log	16		Не	emlock	Low	< 5 feet	< 5 feet	
							sam Fir	Medium	Variable	Variable	
						Wh	ite Pine	Trace	Variable	Variable	



Stand	Level 4 Co	ver Type		Size De	nsity	Acres	Stand Age B	A Range	Managed Si	ite	General Comments	
270	6224 - Treed Bog			None		10.7			No		OPIC - FMD: Old beaver flooding.Some small tamarack saplings and seedlings. Very wet (2025)	
271	42350 - Upla	and Hemlo	ock :	Sawtimb	er Well	7.6	130	141-170	N/A		In areas where basal area is lower balsam fir saplings are very thick.	
	opy Species	% Cover	Size Class	DBH	Age	Sub-Cai	nopy Species	Density	Avg. Height	Size	(2025)	
	d Maple	30	Log/XLog	17			k Spruce	Trace	Variable	Variable		
Yello	ow Birch	2	Pole/Log	9		Н	emlock	Low	< 5 feet	< 5 feet		
Blac	k Spruce	3	Pole	9		Bal	sam Fir	High	Variable	Variable		
Northern	White Cedar	5	Log/Pole	10							<u>-</u>	
Wh	ite Pine	5	XLog/Log	20								
Не	emlock	55	Log/XLog	17	130							
272 4	119 - Mixed No	rthern Har	dwoods I	Poletimb	er Well	10.0	70	81-110	N/A		Red maple pole stand with a distinct older cohort of pine, hemlock,	
Cano	opy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	cedar, and yellow birch. This stand had a lot of balsam fir, but it has all fallen out or is standing dead.	
Red	d Maple	62	Pole/Log	8	70	Irc	nwood	Low	Variable	Variable	all fallett out of 13 statisting dead.	
Yello	ow Birch	1	Pole/Log	8		Re	d Maple	Medium	Variable	Variable		
Pap	er Birch	25	Pole/Log	8		Bal	sam Fir	Low	Variable	Variable		
Blac	k Spruce	1	Pole	5								
Northern	White Cedar	5	Log/Pole	13	187							
Wh	ite Pine	1	Log/XLog	15								
He	emlock	5	XLog/Log	18	130							
273 4112	Maple, Beech	n, Cherry A	Association	Sawtimb	er Well	6.4	103	171-200	N/A		OPIC - FMD: SCA Formerly designated as potential old growth. Very	
Cano	opy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	remote island of hardwood surrounded by cedar swamp complex. Contains a few upland cedar in the stand. Maintain as biodiversiy	
Suga	ar Maple	20	Log/Pole	12		Whit	e Spruce	Trace	Variable	Variable	maintenance area. Can access this stand through old swamp road.	
Red	d Maple	65	Log/Pole	12	103	Re	d Maple	Medium	>20 feet	>20 feet	Poor quality hardwood.	
Yello	ow Birch	5	Pole/Log	9		Re	d Maple	Low	Variable	Variable		
Pap	er Birch	2	Pole	9		Bal	sam Fir	Low	Variable	Variable		
Balsa	am Poplar	1	Log/Pole	13								
Northern	White Cedar	2	Log/Pole	12								
Не	emlock	5	XLog/Log	18								
274	4136 - Aspen,	Mixed Co	nifer I	Poletimb	er Well	23.3	30	51-80	N/A		Trace amount of cherry poles. Spruce slightly older as it was advance	
Cano	opy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	regeneration and designated for protection when stand was last cut. Split off NE area of stand as spruce area is large and dense enough	
Red	d Maple	20	Sapling/Pole			Blac	k Cherry	Trace	Variable	Variable	to be its own stand. Basal area variable. (2025)OPIC - FMD: CUT	
Quaki	ing Aspen	50	Pole	6	30	Bal	sam Fir	Medium	Variable	Variable	PERMIT 32-89-01; Semi open with clumps of spruce/fir. Decent	
Balsa	am Poplar	10	Pole/Sapling	g 5		Re	d Maple	High	5 - 10 feet	5 - 10 feet	aspen regeneration on the west side	
Bal	sam Fir	5	Pole/Sapling	g 6					,		_	
Blac	k Spruce	5	Pole	7								
Northern	White Cedar	5	Pole	9								
Tai	marack	4	Pole/Sapling	j 5								
Wh	ite Pine	1	Log/Pole	10								



Stand	Level 4 Co	Cover Type		Size Density			e Density Acres Stand Age BA			Site	General Comments	
275	330 - Low-[Density Tre	ees	No	ne	6.4			Ye	es	Filling in with cherry, tamarack, white pine, balsam fir, black spruce, and red maple. Last cleared in the late 90s.	
276	3102	- Grass		No	ne	2.2			Ye	es	Opening filling in with large white spruce, red maple, small cherry, and 1 large white pine. Last cleared in the late 90s.	
278	4110 - Sugar M	/laple Asso	ciation S	awtimb	er Well	32.0	187	111-140	N/A	A	OPIC - FMD: Mixed hardwood stand treated under permit #018-97-	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	01. Good scattering of large hemlock.	
	Sugar Maple	88	Log/Pole	10	187	Suga	ar Maple	Low	Variable	Variable		
	Red Maple	4	Log/XLog/Pole	e 12		Bals	sam Fir	Low	5 - 10 feet	5 - 10 feet		
	Yellow Birch	5	Log/XLog	14							-	
	White Spruce	1	Log/XLog	14								
Nort	thern White Cedar	1	Pole	8								
	Hemlock	1	Log/Pole	10								
279	4130	- Aspen	Р	oletimb	er Well	28.2	36	51-80	N/A	A	NE corner has lower spot with less aspen mixed with spruce and fir.	
	Canopy Species	% Cover	Size Class			Sub-Can	opy Species	Density	Avg. Height	Size	Trace amount of sugar maple in the canopy. (2025)	
	Paper Birch	3	Pole	6		Hazelı	nut (Spp.)	Medium	5 - 10 feet	5 - 10 feet		
(Quaking Aspen	50	Pole	8	36	White	e Spruce	Low	Variable	Variable		
E	Bigtooth Aspen	40	Pole	8		Black	Spruce	Low	Variable	Variable		
	Balsam Fir	5	Pole	7		Suga	ar Maple	Low	Variable	Variable		
	Black Spruce	2	Pole	7		Suga	ar Maple	Medium	< 5 feet	< 5 feet		
	· ·					Red	Maple	Low	Variable	Variable		
						Iro	nwood	Low	Variable	Variable		
						Bals	sam Fir	High	Variable	Variable		
						Bals	sam Fir	High	10 - 20 feet	10 - 20 feet		
280	3102	- Grass		No	ne	6.4			Ye	es	-	
281	6120 - Lov	wland Ceda	ar Pol	letimbe	r Mediur	m 31.1	138	1-50	N/A	A	Old aspen falling down. Various ages filling in. (2025)OPIC - FMD:	
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Can	opy Species	Density	Avg. Height	Size	SWAMP ALONG W.BRANCH ESCANABA RIVER. Retain as SCA riparian area.	
	Red Maple	5	Pole	8		Suga	ar Maple	Trace	Variable	Variable	inpution of out	
	Paper Birch	2	Pole	8		Red	Maple	High	Variable	Variable		
(Quaking Aspen	15	Log/Pole	15	80	Tag	Alder	Low	5 - 10 feet	5 - 10 feet		
ı	Balsam Poplar	2	Pole	7		Balsa	m Poplar	Low	10 - 20 feet	10 - 20 feet		
	Balsam Fir	10	Pole	9		Bals	sam Fir	High	Variable	Variable		
	Black Spruce	5	Pole/Log	9		Quaki	ng Aspen	Medium	10 - 20 feet	10 - 20 feet		
	thern White Cedar	51	Pole/Log	9	138	Black		Low	Variable	Variable		
Nort	mem white Cedar	51	1 010/109	_			Spruce	LOW		v anabio		



Stand	tand Level 4 Cover Type				ensity	y Acres Stand Age BA Range			Managed	Site	General Comments
282	4110 - Sugar M	laple Assoc	ciation S	awtimb	er Well	45.2	187	111-140	N/	/A	OPIC - FMD: High site quality. Stand is predominantly sugar maple
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	and basswood with an occasional white birch and upland cedar. Transitioning to M9. Only a few regen gaps from previous treatment
	Sugar Maple	90	Log/Pole	10	187	Whi	te Spruce	Low	5 - 10 feet	5 - 10 feet	but those gaps have good regeneration. Marking will be limited to
	Basswood	8	Log/XLog	13		Lea	therwood	Low	5 - 10 feet	5 - 10 feet	sugar maple stems, retaining all the minor species ie. basswood, w.
	Paper Birch	2	Pole	8		Iro	onwood	Low	10 - 20 feet	10 - 20 feet	birch, cedar, white pine, hemlock. 2009-Stand treated under contract # 008-09-01 by Gartland.
						Blackbe	rry/Raspberry	Medium	5 - 10 feet	5 - 10 feet	" 000 00 01 2) 00 11 11 11
						Sug	gar Maple	Low	>20 feet	>20 feet	
283	4130	- Aspen	Р	oletim	oer Well	5.4 34		51-80	N/	/A	OPIC - FMD: A3 2" dbh, 25-30' tall. 12/2016: Aspen stand 3" DBH.
	Canopy Species % Cover Size Class DBH Age S		Sub-Ca	nopy Species	Density	Avg. Height	Size	Sugar maple regeneration patches.			
	Paper Birch	1	Pole/Sapling	6		Sug	gar Maple	High	Variable	Variable	
	Quaking Aspen	99	Pole/Sapling	7	34	Ва	ılsam Fir	Trace	Variable	Variable	
284	4130	- Aspen	Р	Poletimber Well			II 20.7 22		N/A		Trace amount of red maple in canopy. Sugar maple saplings thicker
	Canopy Species	es % Cover Size Cla		s DBH Age		Sub-Canopy Species		Density	Avg. Height	Size	adjacent to hardwood stand. (2025)OPIC - FMD: Cut 2002 permit#11-99-01 LaFleur.
	Sugar Maple	5	Pole	8		Iro	onwood	Low	Variable	Variable	political to a control of the contro
	Quaking Aspen	70	Pole/Sapling	6	22	W	hite Ash	Trace	Variable	Variable	
	Bigtooth Aspen	10	Pole	6		Ame	erican Elm	Trace	Variable	Variable	
	Balsam Poplar	10	Pole/Sapling	6		Ва	ılsam Fir	Low	Variable	Variable	
	Balsam Fir	3	Pole	8		Blad	ck Cherry	Trace	Variable	Variable	
	White Spruce	2	Log/Pole	10		Sug	gar Maple	Medium	Variable	Variable	
						Ta	ag Alder	Trace	5 - 10 feet	5 - 10 feet	
285	4130	- Aspen	Р	oletim	er Well	16.0	22	51-80	N	/A	Trace amount of red maple in canopy. (2025)Cut in 2002 permit #:
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	11-99-01 La Fieul.
	Sugar Maple	5	Pole	8		Iro	onwood	Low	Variable	Variable	
	Quaking Aspen	70	Pole/Sapling	6	22	W	hite Ash	Trace	Variable	Variable	
	Bigtooth Aspen	10	Pole/Sapling	6		Che	erry (spp.)	Trace	Variable	Variable	
	Balsam Poplar	10	Pole/Sapling	6		Sug	gar Maple	Medium	Variable	Variable	
	Balsam Fir	3	Pole	8		Та	ag Alder	Trace	5 - 10 feet	5 - 10 feet	
	White Spruce	2	Log/Pole	10		Ame	erican Elm	Trace	Variable	Variable	
					_	Ва	ılsam Fir	Low	Variable	Variable	



Stand	Level 4 C	Level 4 Cover Type			Size Density		Stand Age B	A Range	Managed S	Site	General Comments
286	4110 - Sugar N	•			er Well	65.8		111-140	N/A	4	Trace amount of elm, paper birch, and black ash in canopy. (2025)OPIC - FMD: Thinned in 1989 by Gazan. Little hardwood
	Canopy Species	% Cover	Size Class		H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	regeneration but lots of leatherwood. 2009- sale treated by Heidtman
	Sugar Maple	74	Log/Pole	13	111	Ba	ılsam Fir	Medium	Variable	Variable	Logging in Oct-Dec. 2008 under permit # 020-07-01. 2015-leeks, 4"-
	Basswood	25	Log	16		W	hite Ash	Trace	Variable	Variable	6" sugar maple seedlings on floor. High site quality.
(Quaking Aspen	1	Pole	8		BI	ack Ash	Low	Variable	Variable	
						Lea	therwood	Low	5 - 10 feet	5 - 10 feet	
						Suç	gar Maple	Low	5 - 10 feet	5 - 10 feet	
						Suç	gar Maple	High	< 5 feet	< 5 feet	
						Wild Ro	ed Raspberry	Low	5 - 10 feet	5 - 10 feet	
						In	onwood	Medium	Variable	Variable	
						Whi	te Spruce	Low	Variable	Variable	
287	4191 - Mixed Upland Deciduous with Conifer			Sawtimber Well		10.8	70	51-80	N/A	4	Borders W. Branch of the Escanaba River. Retain as wildlife travel corridor and riparian buffer.
	Canopy Species	% Cover	Size Class	DBH	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Sugar Maple	10	Log/Pole	11		Bals	am Poplar	Low	Variable	Variable	
(Quaking Aspen	5	Log/Pole	11		Bla	ck Cherry	Low	Variable	Variable	
	Balsam Poplar	48	Log/Pole	11	70	Bla	ck Cherry	Low	Variable	Variable	
	Balsam Fir	30	Pole	7		Sug	gar Maple	Trace	Variable	Variable	
	White Spruce	5	Pole/Log	9		Wild R	ed Raspberry	High	< 5 feet	< 5 feet	
	Black Ash	2	Pole	8		ВІ	ack Ash	Low	Variable	Variable	
						Ва	ılsam Fir	High	Variable	Variable	
288	6120 - Lo	wland Ceda	ar P	oletimb	er Poor	5.5	75	1-50	N/A	4	Small trees maybe 1 stick in areas.
	Canopy Species	% Cover	Size Class	DBH	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
Nor	thern White Cedar	95	Sapling/Pole	4	75	Ca	ittail spp.	High	Not Applicable	Not Applicable	
	Tamarack	5	Sapling/Pole	4		Ta	amarack	Low	Variable	Variable	
						Ta	ag Alder	Medium	5 - 10 feet	5 - 10 feet	
						Northern	n White Cedar	Medium	< 5 feet	< 5 feet	
289	6120 - Lo	wland Ceda	ar F	oletimb	oer Well	2.2	131	81-110	N/A	Ą	OPIC - FMD: WELL-STOCKED, SOME BLOWDOWN 2015-cedar
	Canopy Species	% Cover	Size Class	DBH	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	with associated swamp conifers, Deer yard
	Black Spruce	2	Pole	8		Ва	ılsam Fir	Medium	Variable	Variable	
Nor	thern White Cedar	98	Pole	9	131	Ta	ag Alder	High	5 - 10 feet	5 - 10 feet	
290	330 - Low-	Density Tre	ees	No	ne	3.3			Yes	S	Opening filling in with bam, aspen, white pine, and cherry
291	4130	- Aspen	F		oer Well	5.1	48	81-110	N/A	Ą	
	Canopy Species	% Cover	Size Class	DBH	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
		OF	Pole/Log	9	48	Bla	ck Cherry	Low	Variable	Variable	
	Quaking Aspen	95	i ole/Log	9	70	Dia	CR Officity				
	Quaking Aspen Balsam Fir	5	Pole	7	40		onwood	Medium	Variable	Variable	

ort 7 – Stands

Stand	Level 4 C	over Type	Size Density			Acres	Stand Age I	BA Range	Managed S	ite	General Comments				
292	429 - Mixed l	Jpland Con	nifers 5	Sapling	Medium		12	Immature	N/A		OPIC - FMD: Upland black spruce with scattered white pine sawtimber. Most of the fir is dead and down. Stand contains a soft				
	Canopy Species	es % Cover Size Class DBH Age			maple component but less than 10 ba. Small pocket of D within the										
	Red Maple	20	Sapling	1							stand. 2013-harvested by Sanville summer of 2013 under contract #				
	Paper Birch	1	Sapling	1							014-12-01.7/19/23: Updated to non-OI cover type.Super canopy white pine present.				
	Balsam Fir	30	Sapling	2	12						write pine present.				
Noi	rthern White Cedar	5	Pole	8											
	Tamarack	5	Sapling	1											
	White Pine	10	Log	16											
	White Pine	24	Sapling	1	12										
	Black Cherry	5 Sa		1											
293	4130	0 - Aspen		Poletimber Well		34.8	31	Immature	N/A		OPIC - FMD: Cut in 1993 under contract # 17-92-01. 2-4" aspen				
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Car	opy Species	Density	Avg. Height	Size	saplings over small fir and pockets of jack pine. 7/19/23: Updated to non-Ol cover type.				
	Paper Birch	2	Pole	6		Blac	k Spruce	Trace	Variable	Variable	, , , , , , , , , , , , , , , , , , ,				
	Quaking Aspen	50		6	31	Red	d Maple	Medium	Variable	Variable					
	Bigtooth Aspen	30	Pole	7		Ta	g Alder	Trace	5 - 10 feet	5 - 10 feet					
	Balsam Poplar	5		5		Bal	sam Fir	Medium	Variable	Variable					
	Balsam Fir	10	Pole	6							1				
	Tamarack	2	Pole	6											
	White Pine	1	Pole	8											
294	4211 - Plar	nted Red Pi	ine I	Poletimi	per Well	9.3	43	111-140	N/A		OPIC - FMD: Machine planted in 1982. Stand is now a fully stocked 1-2 stick pole stand. 7/19/23: Updated to non-OI cover type.				
295	4136 - Asper	n, Mixed Co	nifer I	Poletim	er Well	32.0	41	111-140	N/A		OPIC - FMD: AREA CUT 1984 PERMIT NO. 24-82-1. THERE ARE				
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Car	opy Species	Density	Avg. Height	Size	A FEW AREAS THAT DID NOT REGENERATE WELL. 2010- Short, off site Aspen saplings with a few poles. Dry mesic site.				
	Red Maple	2	Pole/Sapling	g 5		Red	d Maple	High	Variable	Variable	Approximately 50% of the stand is in aspen, with conifers the				
	Quaking Aspen	76	Pole	7	41	Bal	sam Fir	Medium	Variable	Variable	remainder. Conifer content consists of a blend of white pine, red pine,				
	Balsam Fir	12	Pole	8		Chei	ry (spp.)	Low	Variable	Variable	jack pine and white spruce. Pockets of dense jack pine saplings.7/19/23: Updated to non-OI cover type.				
	Black Spruce	2	Pole	9							= suprings.7779/20. Opudiod to non-or-over type.				
	Tamarack	1	Pole	7											
	White Pine	1	Log/Pole	16											
	Red Pine	1	Log/Pole	10											
	Jack Pine	3	Pole	7											
	Black Cherry	2	Pole	6											
296	42110 - Pla	nted Red P	ine I	Poletim	oer Well	9.1	43	201+	N/A		Stand machine planted in 1982. Stand overdue for first thinning. Boles				
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Car	opy Species	s Density Avg. Height Size	average 3 sticks in merchantable height. Scattered white pine, black						
	Red Pine	100	Pole/Log	8	43	Ral	sam Fir	Low	< 5 feet < 5 feet		Cherry, and aspen poles within stand.				



Stand	Level 4 Co	over Type	S	ize De	nsity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
297	4130 -	- Aspen	Po	oletimb	er Well	43.3	41 U	nspecified	N/A		OPIC - FMD: AREA CUT 1984 PERMIT NO. 24-82-1. THERE ARE
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	A FEW AREAS THAT DID NOT REGENERATE WELL. 2010- Short, off site Aspen saplings with a few poles. Dry mesic site.
	Paper Birch	1	Pole	7		Cher	ry (spp.)	Low	Variable	Variable	Approximately 50% of the stand is in aspen, with conifers the
	Quaking Aspen	90	Pole	6	41	Red	l Maple	High	Variable	Variable	remainder. Conifer content consists of a blend of white pine, red pine, jack pine and white spruce. Pockets of dense jack pine
	Balsam Fir	5	Pole	5		Bals	sam Fir	Medium	Variable	Variable	saplings.7/19/23: Updated to non-OI cover type.Bill Rollo GEM
	White Spruce	1	Pole	7		Whi	te Pine	Low	Variable	Variable	Management Plan:Stand rotation 2047 YOE.
	Black Spruce	1	Pole	5		Jac	k Pine	Trace	Variable	Variable	
	Jack Pine	1	Pole	6							
	Black Cherry	1	Pole	6							
298	3102	- Grass		Nor	ne	4.4			Yes	;	OPIC - FMD: 1980DISC & SEEDED ACTUAL ACRES 3.2 FTP W-32-322
299	4136 - Aspen	, Mixed Co	nifer Po	oletimb	er Well	42.4	41	51-80	N/A		OPIC - FMD: AREA CUT 1984 PERMIT NO. 24-82-1. THERE ARE
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	A FEW AREAS THAT DID NOT REGENERATE WELL. 2010- Short, off site Aspen saplings with a few poles. Dry mesic site.
	Red Maple	10	Pole/Sapling	5		Black	Spruce	Low	Variable	Variable	Approximately 50% of the stand is in aspen, with conifers the
	Paper Birch	1	Pole	6		Cher	ry (spp.)	Low	Variable	Variable	remainder. Conifer content consists of a blend of white pine, red pine,
	Quaking Aspen	58	Pole/Sapling	6	41	Red	l Maple	High	Variable	Variable	jack pine and white spruce. Pockets of dense jack pine saplings.7/19/23: Updated to non-OI cover type.Trace amount of
	Balsam Poplar	5	Pole/Sapling	6		Pape	er Birch	Low	Variable	Variable	red pine poles. (2024)
	Balsam Fir	5	Pole/Sapling	6		Whi	te Pine	Low	Variable	Variable	
	White Spruce	1	Log/Pole	12		Jac	k Pine	Low	Variable	Variable	
	Black Spruce	2	Pole/Sapling	5		Bals	sam Fir	Low	Variable	Variable	
	Tamarack	2	Pole/Sapling	5							
	White Pine	3	Log/Pole	16							
	Jack Pine	10	Pole/Sapling	6							
	Black Cherry	3	Pole	6							
300	6120 - Lov	vland Ceda	ır Po	oletimb	er Well	22.5	138	111-140	N/A		OPIC - FMD: SCA Cedar poles with associated swamp conifers. The stand borders Wilson Creek. Former potential old growth, retain as
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	an SCA to protect the riparian values along the creek.7/19/23:
	Paper Birch	1	Sapling/Pole	4		Black	Spruce	Low	Variable	Variable	Updated to non-OI cover type.Small cedar. Very wet. Cedar are
	Black Spruce	5	Pole/Sapling	6		Tag	g Alder	Medium	5 - 10 feet	5 - 10 feet	leaning in every direction. Short trees. Basal area variable.
No	rthern White Cedar	87	Pole/Sapling	6	138						
	Tamarack	5	Pole/Sapling	6							
	White Pine	2	Log	14							



Stand	and Level 4 Cover Type		Size De	nsity Acres Stand Age BA Range			Managed S	ite	General Comments		
301	4136 - Aspen	n, Mixed Co	nifer P	Poletimb	er Well	43.6	41	51-80	N/A		OPIC - FMD: AREA CUT 1984 PERMIT NO. 24-82-1. THERE ARE A FEW AREAS THAT DID NOT REGENERATE WELL. 2010- Short,
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	off site Aspen saplings with a few poles. Dry mesic site.
	Red Maple	8	Sapling/Pole	4		Cher	ry (spp.)	Low	Variable	Variable	Approximately 50% of the stand is in aspen, with conifers the
	Quaking Aspen	50	Pole	7	41	Red	d Maple	High	10 - 20 feet	10 - 20 feet	remainder. Conifer content consists of a blend of white pine, red pine, jack pine and white spruce. Pockets of dense jack pine
	Balsam Poplar	10	Pole/Sapling	7		Tag	g Alder	Trace	5 - 10 feet	5 - 10 feet	saplings.7/19/23: Updated to non-OI cover type.Trace red pine
	Balsam Fir	5	Pole	8		Bals	sam Fir	Low	Variable	Variable	poles and paper birch. (2024)
	White Spruce	2	Pole	8		Hazelr	nut (Spp.)	Low	5 - 10 feet	5 - 10 feet	
	Black Spruce	5	Pole	8							
	Tamarack	2	Pole/Sapling	6							
	White Pine	5	Pole/Log	9							
	Jack Pine	8	Pole/Sapling	6							
	Black Cherry	5	Pole/Sapling	6							
302	3102	- Grass		Nor	ne	4.7			Yes		Opening filling in with jack pine, cherry, BAM, aspen and spruce saplings.
303	3102	- Grass		Nor	ne	4.2			Yes		Opening filling in with jack pine, cherry, BAM, aspen and spruce saplings.
304	6239 - Mixed E	mergent W	etland	Nor	ne	27.7			No		OPIC - FMD: SCA Retain as a special conservation area to protect the riparian values along Wilson Creek. Non stocked former L and cedar types flooded out from beaver activity in Wilson Creek. Numerous standing dead cedar.Some live tamarack, cedar, and black spruce on the edges but mostly standing dead trees.
304	4191 - Mixed Upla			Nor Sapling		27.7	22	Immature	No N/A		the riparian values along Wilson Creek. Non stocked former L and cedar types flooded out from beaver activity in Wilson Creek. Numerous standing dead cedar.Some live tamarack, cedar, and black spruce on the edges but mostly standing dead trees. Cut as "Camp Wolverine Sale", in 2004.Super canopy white pine present. Some sparse larger red maple and balsam fir poles present.
	4191 - Mixed Upla	and Decidu	ous with	Sapling		27.3	22			Size	the riparian values along Wilson Creek. Non stocked former L and cedar types flooded out from beaver activity in Wilson Creek. Numerous standing dead cedar.Some live tamarack, cedar, and black spruce on the edges but mostly standing dead trees. Cut as "Camp Wolverine Sale", in 2004.Super canopy white pine
	4191 - Mixed Upla Cc	and Decidu onifer	ous with	Sapling	Well	27.3 Sub-Can			N/A		the riparian values along Wilson Creek. Non stocked former L and cedar types flooded out from beaver activity in Wilson Creek. Numerous standing dead cedar.Some live tamarack, cedar, and black spruce on the edges but mostly standing dead trees. Cut as "Camp Wolverine Sale", in 2004.Super canopy white pine present. Some sparse larger red maple and balsam fir poles present.
	4191 - Mixed Upla Cc Canopy Species	and Decidu onifer % Cover	ous with	Sapling	Well	27.3 Sub-Can	opy Species	Density	N/A Avg. Height	Size	the riparian values along Wilson Creek. Non stocked former L and cedar types flooded out from beaver activity in Wilson Creek. Numerous standing dead cedar.Some live tamarack, cedar, and black spruce on the edges but mostly standing dead trees. Cut as "Camp Wolverine Sale", in 2004.Super canopy white pine present. Some sparse larger red maple and balsam fir poles present.
	4191 - Mixed Upla Co Canopy Species Red Maple	and Decidu onifer % Cover 20	ous with Size Class Sapling/Pole	Sapling DBH 3 2	Well	27.3 Sub-Can	nopy Species sam Fir	Density Low	N/A Avg. Height 5 - 10 feet	Size 5 - 10 feet	the riparian values along Wilson Creek. Non stocked former L and cedar types flooded out from beaver activity in Wilson Creek. Numerous standing dead cedar.Some live tamarack, cedar, and black spruce on the edges but mostly standing dead trees. Cut as "Camp Wolverine Sale", in 2004.Super canopy white pine present. Some sparse larger red maple and balsam fir poles present.
	4191 - Mixed Upla Co Canopy Species Red Maple Paper Birch	and Decidu onifer % Cover 20 5	ous with Size Class Sapling/Pole Sapling	Sapling DBH 3 2 4	Well Age	27.3 Sub-Can	nopy Species sam Fir	Density Low	N/A Avg. Height 5 - 10 feet	Size 5 - 10 feet	the riparian values along Wilson Creek. Non stocked former L and cedar types flooded out from beaver activity in Wilson Creek. Numerous standing dead cedar.Some live tamarack, cedar, and black spruce on the edges but mostly standing dead trees. Cut as "Camp Wolverine Sale", in 2004.Super canopy white pine present. Some sparse larger red maple and balsam fir poles present.
	4191 - Mixed Upla Co Canopy Species Red Maple Paper Birch Quaking Aspen	and Decidu onifer **Cover* 20 5 38	ous with Size Class Sapling/Pole Sapling Sapling/Pole	Sapling DBH 3 2 4	Well Age	27.3 Sub-Can	nopy Species sam Fir	Density Low	N/A Avg. Height 5 - 10 feet	Size 5 - 10 feet	the riparian values along Wilson Creek. Non stocked former L and cedar types flooded out from beaver activity in Wilson Creek. Numerous standing dead cedar.Some live tamarack, cedar, and black spruce on the edges but mostly standing dead trees. Cut as "Camp Wolverine Sale", in 2004.Super canopy white pine present. Some sparse larger red maple and balsam fir poles present.
	4191 - Mixed Upla Cc Canopy Species Red Maple Paper Birch Quaking Aspen Balsam Fir	and Decidu onifer % Cover 20 5 38 10	ous with Size Class Sapling/Pole Sapling Sapling/Pole Sapling/Pole	Sapling Sapling Sapling Sapling Sapling Sapling Sapl	Well Age	27.3 Sub-Can	nopy Species sam Fir	Density Low	N/A Avg. Height 5 - 10 feet	Size 5 - 10 feet	the riparian values along Wilson Creek. Non stocked former L and cedar types flooded out from beaver activity in Wilson Creek. Numerous standing dead cedar.Some live tamarack, cedar, and black spruce on the edges but mostly standing dead trees. Cut as "Camp Wolverine Sale", in 2004.Super canopy white pine present. Some sparse larger red maple and balsam fir poles present.
	4191 - Mixed Upla Co Canopy Species Red Maple Paper Birch Quaking Aspen Balsam Fir White Spruce	and Decidu onifer Cover 20 5 38 10 5	ous with Size Class Sapling/Pole Sapling Sapling/Pole Sapling/Pole Sapling	Sapling Sapling	Well Age	27.3 Sub-Can	nopy Species sam Fir	Density Low	N/A Avg. Height 5 - 10 feet	Size 5 - 10 feet	the riparian values along Wilson Creek. Non stocked former L and cedar types flooded out from beaver activity in Wilson Creek. Numerous standing dead cedar.Some live tamarack, cedar, and black spruce on the edges but mostly standing dead trees. Cut as "Camp Wolverine Sale", in 2004.Super canopy white pine present. Some sparse larger red maple and balsam fir poles present.
	4191 - Mixed Upla Cc Canopy Species Red Maple Paper Birch Quaking Aspen Balsam Fir White Spruce Black Spruce	and Decidu onifer % Cover 20 5 38 10 5 5	ous with Size Class Sapling/Pole Sapling Sapling/Pole Sapling/Pole Sapling Sapling/Pole	Sapling Sapling Sapling Sapling Sapling Sapling Sapl	Well Age	27.3 Sub-Can	nopy Species sam Fir	Density Low	N/A Avg. Height 5 - 10 feet	Size 5 - 10 feet	the riparian values along Wilson Creek. Non stocked former L and cedar types flooded out from beaver activity in Wilson Creek. Numerous standing dead cedar.Some live tamarack, cedar, and black spruce on the edges but mostly standing dead trees. Cut as "Camp Wolverine Sale", in 2004.Super canopy white pine present. Some sparse larger red maple and balsam fir poles present.
	4191 - Mixed Upla Co Canopy Species Red Maple Paper Birch Quaking Aspen Balsam Fir White Spruce Black Spruce Tamarack	and Deciduonifer % Cover 20 5 38 10 5 5 2	ous with Size Class Sapling/Pole Sapling Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole	Sapling DBH 3 2 4 3 4 4 4 4 16 16	Well Age	27.3 Sub-Can	nopy Species sam Fir	Density Low	N/A Avg. Height 5 - 10 feet	Size 5 - 10 feet	the riparian values along Wilson Creek. Non stocked former L and cedar types flooded out from beaver activity in Wilson Creek. Numerous standing dead cedar.Some live tamarack, cedar, and black spruce on the edges but mostly standing dead trees. Cut as "Camp Wolverine Sale", in 2004.Super canopy white pine present. Some sparse larger red maple and balsam fir poles present.
	4191 - Mixed Upla Co Canopy Species Red Maple Paper Birch Quaking Aspen Balsam Fir White Spruce Black Spruce Tamarack White Pine Black Ash	and Decidu onifer % Cover 20 5 38 10 5 5 2 10	ous with Size Class Sapling/Pole Sapling Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole	Sapling DBH 3 2 4 3 4 4 4 4 16 16	Age 22	27.3 Sub-Can	nopy Species sam Fir	Density Low	N/A Avg. Height 5 - 10 feet	Size 5 - 10 feet 5 - 10 feet	the riparian values along Wilson Creek. Non stocked former L and cedar types flooded out from beaver activity in Wilson Creek. Numerous standing dead cedar.Some live tamarack, cedar, and black spruce on the edges but mostly standing dead trees. Cut as "Camp Wolverine Sale", in 2004.Super canopy white pine present. Some sparse larger red maple and balsam fir poles present. Trace cedar. Stream present. Trace amount of white pine on a few very small
305	4191 - Mixed Upla Co Canopy Species Red Maple Paper Birch Quaking Aspen Balsam Fir White Spruce Black Spruce Tamarack White Pine Black Ash	and Decidu onifer % Cover 20 5 38 10 5 2 10 5 wland Ceda	ous with Size Class Sapling/Pole Sapling Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole	Sapling DBH 3 2 4 3 4 4 4 16 4 Poletimb	Age 22	27.3 Sub-Can Bals Tag	nopy Species sam Fir g Alder	Density Low Low	N/A Avg. Height 5 - 10 feet 5 - 10 feet	Size 5 - 10 feet 5 - 10 feet	the riparian values along Wilson Creek. Non stocked former L and cedar types flooded out from beaver activity in Wilson Creek. Numerous standing dead cedar.Some live tamarack, cedar, and black spruce on the edges but mostly standing dead trees. Cut as "Camp Wolverine Sale", in 2004.Super canopy white pine present. Some sparse larger red maple and balsam fir poles present. Trace cedar.
305	4191 - Mixed Upla Co Canopy Species Red Maple Paper Birch Quaking Aspen Balsam Fir White Spruce Black Spruce Tamarack White Pine Black Ash	and Deciduonifer Cover 20 5 38 10 5 2 10 5 www.deciduonifer	ous with Size Class Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole Log Sapling/Pole Log Sapling/Pole	Sapling Sapling Sapl	Well Age 22 er Well Age	27.3 Sub-Can Bals Tag	nopy Species sam Fir g Alder	Density Low Low	N/A Avg. Height 5 - 10 feet 5 - 10 feet	Size 5 - 10 feet 5 - 10 feet Size Variable	the riparian values along Wilson Creek. Non stocked former L and cedar types flooded out from beaver activity in Wilson Creek. Numerous standing dead cedar.Some live tamarack, cedar, and black spruce on the edges but mostly standing dead trees. Cut as "Camp Wolverine Sale", in 2004.Super canopy white pine present. Some sparse larger red maple and balsam fir poles present. Trace cedar. Stream present. Trace amount of white pine on a few very small humps (2025)PIC - FMD: SCA-This is a new SCA consisting of a
305	4191 - Mixed Upla Co Canopy Species Red Maple Paper Birch Quaking Aspen Balsam Fir White Spruce Black Spruce Tamarack White Pine Black Ash	and Deciduonifer Cover 20 5 38 10 5 2 10 5 wland Ceda	ous with Size Class Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole Log Sapling/Pole ar Fisize Class	Sapling DBH 3 2 4 3 4 4 16 4 Poletimb	Age 22 er Well	27.3 Sub-Can Bals Tag 82.5 Sub-Can Bals	nopy Species sam Fir g Alder 107 nopy Species	Density Low Low 141-170 Density	N/A Avg. Height 5 - 10 feet 5 - 10 feet N/A Avg. Height	Size 5 - 10 feet 5 - 10 feet Size	the riparian values along Wilson Creek. Non stocked former L and cedar types flooded out from beaver activity in Wilson Creek. Numerous standing dead cedar.Some live tamarack, cedar, and black spruce on the edges but mostly standing dead trees. Cut as "Camp Wolverine Sale", in 2004.Super canopy white pine present. Some sparse larger red maple and balsam fir poles present. Trace cedar. Stream present. Trace amount of white pine on a few very small humps (2025)PIC - FMD: SCA-This is a new SCA consisting of a low, wet, conifer swamp with small flowage. Retain as biodiverstiy



Stand	d Level 4 C	over Type		Size De	nsity	Acres	Stand Age E	A Range	Managed S	ite	General Comments
308	42290 - Nati	ural Mixed F	Pine	Sawtimbe	er Well	9.0	91	141-170	N/A	1	OPIC - FMD: Aspen poles and saplings with fir, jack pine, spruce
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	poles, and scattered white pine sawtimber over fir, red and white pine, and jack pine seedlings and saplings.SF 2024: Long term retention
	Paper Birch	3	Log/Pole	10		Blac	k Spruce	Low	Variable	Variable	and bmp exclusion of surrounding parent aspen stand cut in c.2023
	Quaking Aspen	3	Log/Pole	10			lsam Fir	Medium	Variable	Variable	
	White Spruce	1	Pole	6		Re	d Maple	Low	Variable	Variable	
	Black Spruce	5	Pole	9							
	Tamarack	1	Pole	6							
	White Pine	30	Log/Pole	14							
	Red Pine	57	Log/Pole	14	91						
309	4199 - Other Mixe	ed Upland D	eciduous I	Poletimbe	er Well	20.8	42	81-110	N/A		Variable basal area. A few patchy open areas. (2025)Island of ¬ hardwood within aspen type. Thinned in 1977, and 1985 under permit
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	#027-83 "North Branch Block". Trace fir, hemlock.
	Quaking Aspen	27	Pole	7		Whi	te Spruce	Low	Variable	Variable	
	Balsam Poplar	65	Pole	6	42	Balsa	am Poplar	Medium	Variable	Variable	
	Balsam Fir	2	Pole	6		Blad	ck Cherry	Low	Variable	Variable	
	Black Spruce	2	Pole	5		Sug	jar Maple	Medium	Variable	Variable	
	Tamarack	2	Pole/Sapling	9 6			d Maple	Low	Variable	Variable	
	Black Cherry	2	Pole/Sapling	j 5		Wild Re	ed Raspberry	Medium	< 5 feet	< 5 feet	
						Ва	lsam Fir	Low	Variable	Variable	
310	4136 - Asper	n, Mixed Co	nifer	Sapling	Well	4.9	12		N/A	1	Cut in 2011. Trace amount of cherry, red oak, and paper birch.
	Canopy Species	% Cover	Size Class	DBH	Age						
	Red Maple	5	Sapling	1							
	Quaking Aspen	75	Sapling	2	12						
	Balsam Fir	5	Sapling	2							
	White Pine	10	Log/Pole	14							
	Red Pine	5	Log/Pole	14							
312	330 - Low-	Density Tre	es	Non	е	7.2			No		OPIC - FMD: CK 2000Open area filling in with mostly cherry, red pine, white pine, aspen and spruce saplings and poles. Trace amount of tamarack.
313	122 - Road	d/Parking L	ot	Non	е	19.5			No		CR 438
314	42110 - Pla	inted Red P	ine I	Poletimbe	er Well	6.6	43	111-140	N/A	Λ	OPIC - FMD: Machine planted in 1982. Stand is now a fully stocked 1-2 stick pole stand. 7/19/23: Updated to non-OI cover type.



tand Level 4 Co	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed Sit	e	General Comments
4199 - Other Mixed			Sapling	,	18.9	9	Immature	N/A		Cut in 2016, 438 SBW timber sale. Trace amount of super canopy white pine and sugar maple. Canopy closure around 75%. (2025)
Canopy Species		Size Class	DBH	Age						
Sugar Maple	5	Sapling	1	9						
Red Maple Yellow Birch	30	Sapling Log/Pole	11	9						
Paper Birch	20		1	9						
•	35	Sapling	2	9						
Quaking Aspen Balsam Fir	2	Sapling	1	9						
White Spruce	1	Sapling	2							
Black Cherry	5	Sapling Sapling	1							
Black Cherry	5	Sapility	- 1							
4130	Aspen		Sapling	y Well	7.9	2		N/A		OPIC - FMD: Cut in 1983, the stand is transitioning to an A6 pole
Canopy Species	% Cover	Size Class	DBH	Age						stand. It is fully stocked, with 1-2 stick poles over well stocked aspen saplings.
Red Maple	10	Sapling	1							ospgo.
Paper Birch	1	Sapling	1							
Quaking Aspen	83	Sapling	1	2						
Balsam Fir	5	Sapling	1							
White Pine	1	Log/Pole	16							
4191 - Mixed Upla Co Canopy Species	nifer	Size Class	Poletimb	er Well	12.3 Sub-Ca	45 nopy Spec	81-110 ies Density	Avg. Height	Size	OPIC - FMD: A3,A5, 2-5" DBH, 15-25 FT TALL. CUT IN 1979-80,
Red Maple	45	Pole/Log	9	45		d Maple	Medium	Variable	Variable	stands 296, 295, 294, and 297) leading to an opening (stand 298) wa gated to prevent vehicular access. Trace tamarack and red pine
Paper Birch	5	Pole	7			lsam Fir	Medium	Variable	Variable	poles
Quaking Aspen	20	Pole	7	45		nite Pine	Low	Variable	Variable	
Balsam Fir	5	Pole	6		Whi	te Spruce	Trace	Variable	Variable	
Black Spruce	5	Pole	7							
3102 ·	- Grass		Nor	ne	1.4			Yes		2015 - Planted hunter walking trail to clover. Planted 9 dolgo crabapples. 2014 - installe gate, planted 50 crabapples, 5 apple trees, 10 nannyberry, 5 red oak, 4 mountain ash. Mowed hunter walking trail. OPIC - FMD: High volume high quality aspen stand. East part of stand is almost pure aspen, west portion contains the mix of the othe species. This part also contains pockets of fairly good maple regeneration. Due to the proximity to another final harvest in the adjacent compartment, harvesting plans will be modified to satisfy "green up" requirements for certification. 2008- That portion of the stand west of PBR is not included in the sale and will serve as retention. "Green up" requirements for certification (see above comments) have been satisfied with the rapid growth of aspen regeneration on the adjacent sale so the sale does not need to be



Stand	Stand Level 4 Cover Type		;	Size De	nsity	Acres Stand Age	BA Range	Managed Site		General Comments	
319	4130 - Canopy Species	Aspen	Size Class	Sapling	Well	5.9 2		N/A	1	OPIC - FMD: Cut in 1983, the stand is transitioning to an A6 pole stand. It is fully stocked, with 1-2 stick poles over well stocked aspen	
	Red Maple	5	Sapling	1	Age					saplings. 2016 - The hunter walking trail (HWT) in this stand (201) leading to an	
	Quaking Aspen	77	Sapling	1	2					opening (stand 203) was gated to prevent vehicular access.	
'	Balsam Fir	5	Sapling	1						2017 - The HWT and opening (stand 203) were herbicided, disked,	
Nor	rthern White Cedar	5	Pole	8						fertilized, and planted to rye. The intent is to continue a planting regime of rye until it is deemed acceptable to plant annual cover	
1401	White Pine	8	Log/Pole	16						crops. (FTP # W-32-901)	
	Willie i ille	O	Log/i ole	10						Cut in 2024 under Flushing Frog GEMS Sale, 32-009-22 (1).	
320	4112 - Maple, Beecl	n, Cherry A	Association S	awtimb	er Well	13.9 100	81-110	N/A	\	Thinned in 2020.OPIC - FMD: Cut permit #15-97-01 "Twin Porkies Sale" (unit 1 - 3) by K&K. logging in 1998. Good quality stand in most	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Specie	es Density	Avg. Height	Size	areas but about 1/3 of stand is red maple and poorer quality, but still	
	Sugar Maple	20	Log/Pole	12		White Spruce	Low	Variable	Variable	OK for hardwood management. Some areas were left with a higher	
	Red Maple	79	Log/Pole	12	100	Black Cherry	Low	Variable	Variable	BA but most areas are 80-100 sq.ft. and no thinning is recommended	
	Basswood	1	Log	15		Quaking Aspen	Low	Variable	Variable	at this time. Good regeneration in sugar maple areas getting up to 6 feet tall. 2015: Stand could almost be split into two different stands -	
						Ironwood	Low	Variable	Variable	south end contains higher ridge with very nice sugar maple logs, with	
						Sugar Maple	Medium	Variable	Variable	some basswood, ironwood, birch and cherry. Some maple	
						Sugar Maple	Low	< 5 feet	< 5 feet	regeneration starting. Leatherwood also present here. North end (including Perrin Bros Road edge) transitions into slightly lower	
						Red Maple	Medium	Variable	Variable	grounds with more mixed species; heavier fir/spruce component,	
						Wild Red Raspberry	/ Medium	< 5 feet	< 5 feet	some aspen, and lower quality maple. Ground cover changes to club	
						Balsam Fir	Low	Variable	Variable	moss, princess pine. Budworm evidence along road.	
323	6120 - Lov	vland Ceda	ar P	oletimb	er Well	174.6 118	51-80	N/A	1	OPIC - FMD: CK 2000Very wet with varying levels of	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Specie	es Density	Avg. Height	Size	marketability. For the most part too wet to harvest and low merchantability. Very variable BA and patchy. Trace amount of log	
	Black Spruce			7		M/hita Dina	Trace	Variable	Variable	sized white pine and pole sized birch and red maple.	
NI	Black Spruce	10	Pole	7		White Pine					
ION	rthern White Cedar	80	Pole Pole/Sapling	6	118	Tag Alder	Medium	5 - 10 feet	5 - 10 feet		
ION	<u>'</u>				118 118			5 - 10 feet Variable	5 - 10 feet Variable		
INOI	rthern White Cedar	80	Pole/Sapling	6		Tag Alder	Medium				
INOI	rthern White Cedar	80	Pole/Sapling	6		Tag Alder Black Spruce	Medium Medium	Variable	Variable		
324	rthern White Cedar Tamarack	80	Pole/Sapling Pole	6 8		Tag Alder Black Spruce Balsam Fir	Medium Medium Medium	Variable Variable	Variable Variable Variable	Trace amount of birch, aspen and white pine.AREA CUT 1984	
324	rthern White Cedar Tamarack	80 10	Pole/Sapling Pole	6 8	118	Tag Alder Black Spruce Balsam Fir Tamarack	Medium Medium Medium Low	Variable Variable Variable	Variable Variable Variable	Trace amount of birch, aspen and white pine.AREA CUT 1984 PERMIT NO. 24-82-1. (2024)	
324	rthern White Cedar Tamarack 6121 - T	80 10	Pole/Sapling Pole	6 8	118 er Well	Tag Alder Black Spruce Balsam Fir Tamarack	Medium Medium Medium Low	Variable Variable Variable N/A	Variable Variable Variable		
324	rthern White Cedar Tamarack 6121 - T Canopy Species	80 10 amarack	Pole/Sapling Pole P Size Class	6 8 oletimb	118 er Well	Tag Alder Black Spruce Balsam Fir Tamarack 10.8 41 Sub-Canopy Specie	Medium Medium Medium Low 81-110 Density	Variable Variable Variable N/A Avg. Height	Variable Variable Variable Size		
324	rthern White Cedar Tamarack 6121 - T Canopy Species Black Spruce	80 10 Tamarack % Cover	Pole/Sapling Pole P Size Class Pole/Sapling	6 8 8 Oletimb 5 8	er Well	Tag Alder Black Spruce Balsam Fir Tamarack 10.8 41 Sub-Canopy Specie	Medium Medium Medium Low 81-110 Bes Density Low	Variable Variable Variable N/A Avg. Height Variable	Variable Variable Variable Variable Variable		
324	rthern White Cedar Tamarack 6121 - T Canopy Species Black Spruce Tamarack	80 10 	Pole/Sapling Pole Pole Size Class Pole/Sapling Pole	6 8 8 Oletimb 5 8	er Well	Tag Alder Black Spruce Balsam Fir Tamarack 10.8 41 Sub-Canopy Specie Red Maple Tag Alder	Medium Medium Low 81-110 Bes Density Low Low	Variable Variable Variable N/A Avg. Height Variable 5 - 10 feet	Variable Variable Variable Variable Size Variable 5 - 10 feet		
324	rthern White Cedar Tamarack 6121 - T Canopy Species Black Spruce Tamarack	80 10 Tamarack **Cover 15 80 5	Pole/Sapling Pole PSize Class Pole/Sapling Pole Sapling/Pole	6 8 8 Oletimb 5 8	er Well Age 41	Tag Alder Black Spruce Balsam Fir Tamarack 10.8 41 Sub-Canopy Specie Red Maple Tag Alder Balsam Fir	Medium Medium Low 81-110 Pes Density Low Low Medium Medium	Variable Variable Variable N/A Avg. Height Variable 5 - 10 feet Variable	Variable Variable Variable Size Variable 5 - 10 feet Variable Variable Variable	PERMIT NO. 24-82-1. (2024) Pine over aspen, fir and red maple. Understory cut in 2011. 2024.	
324	rthern White Cedar Tamarack 6121 - T Canopy Species Black Spruce Tamarack Black Cherry	80 10 Tamarack % Cover 15 80 5	Pole/Sapling Pole PSize Class Pole/Sapling Pole Sapling/Pole	oletimb DBH 5 8 4	er Well Age 41	Tag Alder Black Spruce Balsam Fir Tamarack 10.8 41 Sub-Canopy Specie Red Maple Tag Alder Balsam Fir Black Spruce	Medium Medium Medium Low 81-110 Pes Density Low Low Medium Low 81-110	Variable Variable Variable N/A Avg. Height Variable 5 - 10 feet Variable Variable Variable	Variable Variable Variable Size Variable 5 - 10 feet Variable Variable Variable	PERMIT NO. 24-82-1. (2024)	
324	rthern White Cedar Tamarack 6121 - T Canopy Species Black Spruce Tamarack Black Cherry 42210 - Nate	80 10 Tamarack % Cover 15 80 5	Pole/Sapling Pole PSize Class Pole/Sapling Pole Sapling/Pole sapling/Pole	oletimb DBH 5 8 4	er Well Age 41 er Well	Tag Alder Black Spruce Balsam Fir Tamarack 10.8 41 Sub-Canopy Specie Red Maple Tag Alder Balsam Fir Black Spruce 5.0 91	Medium Medium Medium Low 81-110 Pes Density Low Low Medium Low 81-110	Variable Variable Variable N/A Avg. Height Variable 5 - 10 feet Variable Variable Variable	Variable Variable Variable Size Variable 5 - 10 feet Variable Variable	PERMIT NO. 24-82-1. (2024) Pine over aspen, fir and red maple. Understory cut in 2011. 2024.	
324	rthern White Cedar Tamarack 6121 - T Canopy Species Black Spruce Tamarack Black Cherry 42210 - Nate Canopy Species	80 10 Tamarack **Cover	Pole/Sapling Pole Size Class Pole/Sapling Pole Sapling/Pole Sapling/Pole Size Class	oletimb DBH 5 8 4 Sawtimb	er Well Age 41 er Well All Age	Tag Alder Black Spruce Balsam Fir Tamarack 10.8 41 Sub-Canopy Specie Red Maple Tag Alder Balsam Fir Black Spruce 5.0 91 Sub-Canopy Specie	Medium Medium Medium Low 81-110 Pes Density Low Low Medium Low 81-110 81-110 Bes Density	Variable Variable Variable N/A Avg. Height Variable 5 - 10 feet Variable Variable Variable Avg. Height	Variable Variable Variable Size Variable 5 - 10 feet Variable Variable Variable	PERMIT NO. 24-82-1. (2024) Pine over aspen, fir and red maple. Understory cut in 2011. 2024.	
324	rthern White Cedar Tamarack 6121 - T Canopy Species Black Spruce Tamarack Black Cherry 42210 - Nate Canopy Species White Pine	80 10 Tamarack % Cover 15 80 5 ural Red P % Cover 25	Pole/Sapling Pole Size Class Pole/Sapling Pole Sapling/Pole ine Size Class Log/Pole	6 8 8	er Well 41 er Well 41 er Well Age	Tag Alder Black Spruce Balsam Fir Tamarack 10.8 41 Sub-Canopy Specie Red Maple Tag Alder Balsam Fir Black Spruce 5.0 91 Sub-Canopy Specie Balsam Fir	Medium Medium Medium Low 81-110 Solution Bound Low Medium Low Medium Low 81-110 Bound Medium	Variable Variable Variable N/A Avg. Height Variable 5 - 10 feet Variable Variable N/A Avg. Height Variable	Variable Variable Variable Size Variable 5 - 10 feet Variable Variable Variable Variable Variable	PERMIT NO. 24-82-1. (2024) Pine over aspen, fir and red maple. Understory cut in 2011. 2024.	
324	rthern White Cedar Tamarack 6121 - T Canopy Species Black Spruce Tamarack Black Cherry 42210 - Nate Canopy Species White Pine	80 10 Tamarack % Cover 15 80 5 ural Red P % Cover 25	Pole/Sapling Pole Size Class Pole/Sapling Pole Sapling/Pole ine Size Class Log/Pole	6 8 8	er Well 41 er Well 41 er Well Age	Tag Alder Black Spruce Balsam Fir Tamarack 10.8 41 Sub-Canopy Specie Red Maple Tag Alder Balsam Fir Black Spruce 5.0 91 Sub-Canopy Specie Balsam Fir Quaking Aspen	Medium Medium Low 81-110 Solution Box Medium Low Medium Low Medium Low Medium Medium Medium Medium Medium Medium Medium	Variable Variable Variable N/A Avg. Height Variable 5 - 10 feet Variable Variable Variable Variable Variable Variable Variable Variable Variable	Variable Variable Variable Size Variable 5 - 10 feet Variable Variable Variable Variable Variable Variable Variable	PERMIT NO. 24-82-1. (2024) Pine over aspen, fir and red maple. Understory cut in 2011. 2024.	



Stan	tand Level 4 Cove		S	Size Density		Acres Stand Age BA Range			Managed S	Site	General Comments
326	4130	- Aspen	Po	oletimb	er Well	6.5 32	81-	110	N/A	A	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Sp	ecies D	ensity	Avg. Height	Size	
	Paper Birch	5	Pole/Sapling	5		Black Spruce	9	Trace	Variable	Variable	
	Quaking Aspen	80	Pole/Sapling	7	32	Ironwood	N	/ledium	Variable	Variable	
	Balsam Poplar	10	Pole	8		Balsam Fir	N	/ledium	Variable	Variable	
	Balsam Fir	2	Pole	6		Sugar Maple	•	Low	Variable	Variable	
	White Pine	1	XLog/Log	19		Red Maple		High	Variable	Variable	
	Black Cherry	2	Pole/Sapling	5		Paper Birch		Low	Variable	Variable	
327	4130	- Aspen	Po	oletimb	er Well	7.2 34	81-	110	N/A	4	Trace amount of tamarack, elm, paper birch and sugar maple.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Sp	ecies D	ensity	Avg. Height	Size	
	Quaking Aspen	96	Pole/Sapling	6	34	Balsam Fir		Low	Variable	Variable	
	Balsam Fir	3	Pole	8		Sugar Maple	e N	/ledium	10 - 20 feet	10 - 20 feet	
	White Spruce	1	Pole	8		Red Maple		Low	Variable	Variable	
328	6120 - Lov	vland Ceda	ar Po	oletimb	er Well	8.8 98	141-	-170	N/A	4	Primarily cedar stand next Wilson Creek. Stand transitions to upland
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Sp	ecies D	ensity	Avg. Height	Size	on north edge. BA decreases in upland transition.
	Red Maple	3	Log/Pole	11		Balsam Fir	N	/ledium	>20 feet	>20 feet	
	Yellow Birch	1	Log/Pole	12		Red Maple		Low	Variable	Variable	
	Paper Birch	1	Log/Pole	10		Tag Alder		Low	5 - 10 feet	5 - 10 feet	
	Quaking Aspen	1	Log/Pole	10		Black Spruce	9	Low	5 - 10 feet	5 - 10 feet	
	Black Spruce	20	Pole/Log	9	67						
No	orthern White Cedar	60	Log/Pole	10	98						
	Tamarack	2	Log/Pole	10							
	White Pine	10	Log/Pole	14							
	Black Ash	2	Pole	9							
329	6122 - Bla	ack Spruce	e Po	oletimb	er Well	46.0 78	81-	110	N/A	4	Trace amount of large white spruce. Far south end is a little thinner
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Sp	ecies D	ensity	Avg. Height	Size	with some blowdown. I did not observe any streams or buffers needed for any adjacent streams. (2025)
	Red Maple	5	Pole	7		White Pine		Trace	Variable	Variable	lor any adjacon choame. (2020)
	Paper Birch	3	Pole/Log	9		Black Spruce	9	Low	Variable	Variable	
	Quaking Aspen	1	Log/Pole	10		Balsam Fir	N	/ledium	Variable	Variable	
	Balsam Poplar	2	Pole/Log	8		Tamarack		Trace	Variable	Variable	
	Black Spruce	66	Pole	7	78	Red Maple		Low	Variable	Variable	
No	orthern White Cedar	10	Pole/Log	9		Tag Alder	N	/ledium	5 - 10 feet	5 - 10 feet	
	Tamarack	10	Pole	7							
	White Pine	3	Log/Pole	16							



Stand Level 4 Cover Type			Size Density			Acres Stand Age BA Range			Site	General Comments	
330	6120 - Lov	wland Ceda	ar s	Sawtimbe	r Well	29.6	142	201+	N/A	4	Sugar maple regen on edges. Diameter decreases as you approach
Canop	y Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	the center of the stand. (2025)
Paper	r Birch	2	Log/Pole	10		Bals	am Fir	Trace	Variable	Variable	
Balsam	n Poplar	2	Log	14		Suga	r Maple	Trace	Variable	Variable	
Black	Spruce	2	Log/Pole	10							-
Northern W	Vhite Cedar	94	Log/Pole	11	142						
31	4130	- Aspen	F	Poletimbe	r Well	25.9	34	81-110	N/A	Ą	Trace amount of tamarack, elm, paper birch and sugar maple.
Canop	y Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	
Quaking	g Aspen	96	Pole/Sapling	6	34	Bals	am Fir	Low	Variable	Variable	
Balsa	am Fir	3	Pole	8		Suga	r Maple	Medium	10 - 20 feet	10 - 20 feet	
White	Spruce	1	Pole	8		Red	Maple	Low	Variable	Variable	
332	3102	- Grass		None	e	6.2			Yes	S	Opening filling in with BAM, aspen, cherry, fir, and spruce. (2025)Managed opening of GEMS, associated with HWT: McGillviray Meadow.Cultivated in 2016, 2022, 2023.Mowed to maintain in 2017, 2018, 2019, 2021.
333 41	10 - Sugar M	laple Asso	ciation Sa	awtimber l	Mediun	n 2.1	120	1-50	N/A	4	Pockets of hardwoods. Keep for diversity.
Canop	y Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	
Sugar	Maple	90	Log	14	120	Bals	am Fir	Medium	Variable	Variable	
Red N	Maple	5	Log/Pole	10		Suga	r Maple	Low	Variable	Variable	
Balsa	am Fir	5	Pole	8		Red	Maple	Low	Variable	Variable	
336 6129 -	Mixed Conife	erous Lowl	land Forest Sa	awtimber l	Mediun	n 81.0	100	51-80	N/A	4	Riparian corridor along Little West Branch of the Escanaba River. Th
Canop	y Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	stand is very diverse with varying levels of stocking. Aspen of various ages found throughout. (2025)
Sugar	Maple	2	Log/Pole	10		Black	Cherry	Low	Variable	Variable	agos found unoughout. (2020)
Red N	Maple	3	Log/Pole	10		Α	lder	Medium	5 - 10 feet	5 - 10 feet	
Paper	r Birch	2	Pole/Log	8		Suga	r Maple	Low	Variable	Variable	
Quaking	g Aspen	10	Pole/Log	9	50	Red	Maple	Low	Variable	Variable	
Balsa	am Fir	10	Log/Pole	10		Amer	can Elm	Trace	Variable	Variable	
White	Spruce	1	Log/Pole	14		Bals	am Fir	Medium	Variable	Variable	
Black	Spruce	35	Log/Pole	10	100	Quakir	ng Aspen	Low	Variable	Variable	
Northern W	Vhite Cedar	30	Log/Pole	10				,			_
Tama	arack	5	Log/Pole	10							
White	e Pine	2	Log/Pole	16							
338	3102	- Grass		None	e	1.2			Yes	S	This hunter walking trail (RGS Route) was established in 2015 and is maintained annually with mowing and/or cultivation activities.



Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age E	BA Range	Managed S	ite	General Comments
339	4110 - Sugar M	laple Assoc	ciation	Sawtimbe	er Well	16.2	120	111-140	N/A		This stand was once much larger but most now falls into an MWR
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	stand.OPIC - FMD: Thinned Dec, 1997 - June,1998 Tri-Forestry permit #16-97-01 "Perrin Camp Sale". Also C32-382: TSI removing
	Sugar Maple	90	Log/Pole	13	120	Sug	ar Maple	High	Variable	Variable	ironwood and some marked trees completed in Dec, 1981. Nice
	Basswood	10	Log/XLog	15		Sug	ar Maple	Low	< 5 feet	< 5 feet	timber quality here and is sawlog size. Lower elevation along clearcut trees show some dieback from possible soil compaction during last
											harvest but most of the stand is healthy and good quality. Some higher BA areas but crown room in most areas. M3 gaps from 1970s harvest 2-4 inches dbh. New M3 regeneration is 3-4' tall and is mostly in the west part of stand. Some feeding by deer but seedlings may escape. Some scarlet elderberry on landings. 2015: regeneration in west part of stand is now 10' + range.
340	4110 - Sugar M	laple Assoc	ciation	Sawtimbe	er Well	22.6	106	111-140	N/A		Trace amount of cedar. (2025)10/19/2017 - Small wildlife opening
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	work in the stand."North Branch Block" #24/76A - select cut 1977
	Sugar Maple	98	Log/Pole	12	106	Irc	onwood	Low	Variable	Variable	(removing mostly elm) and "Bryan Creek Sale" #024-96 - select cut
	Basswood	2	Log/XLog	16		Sug	ar Maple	Medium	Variable	Variable	summer, 1999. Stain, forks, seams, cankers and breakage all noted.
						Sug	ar Maple	Low	>20 feet	>20 feet	Trace fir, hemlock. Raspberry, burdock noted. FTP W32-590: Underplanted 7,900 hemlock 9/25/2001.
341	3102	- Grass		Non	е	1.2			Yes	5	Hunter walking trail ("Elizabeth's Trail") maintained annually by mowing and/or cultivation since 2015.
342	3102	- Grass		Non	е	3.0			Yes	5	Hunter walking trail within the stand. Mowed in 2019, 2021; cultivated in 2022, 2023, 2024.
343	6120 - Lov	wland Ceda	r	Sawtimbe	er Well	22.0	100	141-170	N/A	1	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Red Maple	10	Pole/Log	8		Blac	k Spruce	Low	Variable	Variable	
	Yellow Birch	1	Pole	8		Ва	lsam Fir	Low	Variable	Variable	
	Black Spruce	10	Pole	8							-
No	rthern White Cedar	79	Log/Pole	13	100						



Stand	and Level 4 Cover Type			Size Density	Acres	Stand Age B	A Range	Managed S	ite	General Comments
345	4110 - Sugar N	Maple Asso	ociation	Sawtimber Well	110.9	121	81-110	N/A		Aspen on far south edge. Basal area variable ranging from 90 to 140
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	on average with a few areas being 70 where BAM was removed in the past. (2025)Current average BA= 90. Improvement
	Sugar Maple	82	Log/Pole	12 121	Sug	ar Maple	Medium	< 5 feet	< 5 feet	thinning/selection cut in the next cycle (2016)OPIC - FMD: Notes
	Basswood	15	Log	15	Sug	ar Maple	Medium	Variable	Variable	from north portion of stand: cut under permit #9-98-01 in 2001 ORO
	Quaking Aspen	2	Log/Pole	14	Sug	ar Maple	Medium	>20 feet	>20 feet	logging. Excellent elderberry regeneration on the eastern slopes. OPIC - FMD: Cut under permit # 017-97-01 "South Landon Lake" in
	Balsam Poplar	1	Log/Pole	14	Iro	onwood	Medium	10 - 20 feet	10 - 20 feet	Jan, Feb, 2002 also part in permit #9-98-01 see comp # 51. Also easi
					Whi	te Spruce	Low	Variable	Variable	of road cut in 1989 ("Landon Lake Balm" #018-88-2), a lot of aspen
					Ва	lsam Fir	Low	Variable	Variable	and balsam poplar removed. One area of about 2 acres unthinned w have to wait until feasible, probably when total stand thinned again.
346 347		- Water - Grass		None None	30.2			No Yes		balsam poplar removed. Excellent regeneration 4-10' sugar maple in most areas of stand. Mostly good quality larger trees. Not much crowding of trees yet, lots of crown room. 2015: BA still a little low for treatment (100-110).5/27/16 Field Notes: Typical northern hardwood stand with small aspen component on southern edge of stand. Good sugar maple sapling regeneration throughout, ironwood in patches. Larger skid trails/old roads going northwest up the slope are low, wet, and lots of evidence of past erosion. Gravel on these trails, but not enough; ground is soggy with seeps. Winter ground. OPIC - FMD: Big West Branch Escanaba River. Gravel on these trails, but not enough; ground is soggy with seeps. Winter ground. Hunter walking trail ("Landon Loop") mowed annually since 2015.
348	4199 - Other Mixe	ed Upland [Deciduous	Poletimber Well	6.6	70	51-80	N/A		Balsam fir poles breaking up. Aspen BAM falling out. Several ages
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	present but for the most part big overmature trees. They essentially thinned an area up to North Branch Road in 1982 and excluded a fev
	Paper Birch	10	Log/Pole	11	Sug	ar Maple	Trace	Variable	Variable	areas. (2025)
	Quaking Aspen	25	Log/XLog	14	Whi	te Spruce	Low	Variable	Variable	
	Balsam Poplar	63	Log/XLog	14 70	Blac	k Spruce	Trace	Variable	Variable	
	White Spruce	2	Log/Pole	10	Blad	ck Cherry	Trace	Variable	Variable	
					Blad	ck Cherry	Low	Variable	Variable	
					Ва	lsam Fir	Medium	Variable	Variable	
					Ва	lsam Fir	High	Variable	Variable	
349	4113 - R.M	/laple, Coni	ifer	Poletimber Well	3.0	25	1-50	N/A		Spruce/fir for the most part died off with red maple taking its place.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	(2020)
	Red Maple	75	Sapling/Pol	e 4 25	Ва	lsam Fir	Low	Variable	Variable	
	Balsam Fir	3	Pole	8						
No	rthern White Cedar	20	Log/Pole	12 95						
	White Pine	2	XLog/Log	20						
351	3102	- Grass		None	3.0			Yes		Hunter walking trail ("Grouse Grassland"), managed for walk-in access. Gated in 2022.Bulldozed to clear debris from trail in 2022.Cultivated in 2022, 2023, 2024.



Stand	Level 4 C	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed S	ite	General Comments
352	3102	- Grass		Nor	ie	3.5			Yes	3	Hunter walking trail developed in 2022 and cultivated again in 2023.
353	6220 - A	lder/Willow		Nor	ne	74.2			No		Tag alder and willow. Contains Bryan Creek.
354	330 - Low-I	Density Tree	es	Nor	ie	2.9			Yes	S	OIPC-WLD: Maintain wildlife opening. Roller chop to discourage brush and saplings from encroachmentRest absorbed into surrounding stand.
355	310 - Herbac	eous Openl	and	Nor	ne	1.3			Yes	3	Filling in with some BAM, cherry, fir, aspen and spruce. (2025)OPIC - FMD: Maintain wildlife opening. Roller-chop to discourage brush and saplings from encroachment. OI Stand Year Origin was
356	4110 - Sugar M	laple Assoc	iation	Poletimb	er Well	3.7	105	81-110	N/A	\	Thinned in 2020.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	OPIC - FMD: Small stand with good timber potential. North aspect
	Sugar Maple	96	Pole/Log		105	Ва	Isam Fir	Low	Variable	Variable	side hill slopes to swamp but is not steep. Treat with adjacent aspen
	Basswood	2	Log	12		Sug	ar Maple	High	< 5 feet	< 5 feet	cut. Ground cover of leatherwood noted.
	Balsam Fir	2	Pole/Log	8		Iro	nwood	High	Variable	Variable	
357	500 -	Water		Nor	ie	2.8			No		Small bog pond (2025)
358	4191 - Mixed Upla Co	and Deciduo nifer	ous with	Sawtimb	er Well	15.0	97	81-110	N/A	Λ	Balsam fir almost all dead. 75% canopy closure. Aspen, BAM, balsam fir falling out. (2025)
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	20	Pole/Log	9		Ва	lsam Fir	Low	Variable	Variable	
	Paper Birch	10	Pole	8		Та	g Alder	Low	5 - 10 feet	5 - 10 feet	
	Quaking Aspen	29	Log	15	97	Blac	k Spruce	Low	Variable	Variable	
	Balsam Poplar	5	Log/Pole	11				,			_
	Balsam Fir	5	Pole/Log	8							
	White Spruce	5	Log	14							
	Black Spruce	5	Pole	7							
No	rthern White Cedar	10	Log/Pole								
	White Pine	10	XLog	30							
	Black Cherry		Pole								



Stand	and Level 4 Cover Type		5	Size Density		y Acres Stand Age BA Range			Managed S	ite	General Comments
360		- Aspen			er Well	25.7		Jnspecified	N/A		"North Branch Block" #027-83 - cut with adjacent compartment 56 ~ 1985. Trace amount of fir present. Some pockets of stem breakage:
	Canopy Species		Size Class		l Age		opy Species		Avg. Height	Size	hypoxylon present. Stand is transitioning from saplings to poles.
	Quaking Aspen	70	Pole	6	40		e Spruce	Low	10 - 20 feet	10 - 20 feet	
	Balsam Poplar	30	Pole/Sapling	5	40		m Poplar	Medium	5 - 10 feet	5 - 10 feet	
							k Cherry	Low	10 - 20 feet	10 - 20 feet	
							sam Fir	Low	Variable	Variable	
							ry/Raspberry	Medium	< 5 feet	< 5 feet	
							er Birch	Low	10 - 20 feet	10 - 20 feet	
							ut (Beaked)	Medium	< 5 feet	< 5 feet	
						Мар	le (spp.)	Low	10 - 20 feet	10 - 20 feet	
361	330 - Low-I	Density Tre	es	No	ne	2.8			Yes		Stand filling in with cherry, white spruce, bam and balsam fir.2015 - Planted 17 chestnut crabapples and 18 whitney crabapples with enclosures in this opening. OPIC - FMD: Narrow natural opening with scattered spruce/fir.Planted saplings doing well, over-topped fences. White pine, fir open growing. Fern, grass, berry mix.
362	4110 - Sugar M	laple Assoc	ciation S	awtimb	er Well	6.8	106	111-140	N/A		"North Branch Block" #24/76A - select cut 1977 (removing mostly elm
	Canopy Species	% Cover	Size Class		l Age	Sub-Can	opy Species	Density	Avg. Height	Size	and "Bryan Creek Sale" #024-96 - select cut summer, 1999. Stain, forks, seams, cankers and breakage all noted. Trace fir, hemlock.
	Sugar Maple	98	Log/Pole	12	106	Iro	nwood	Low	Variable	Variable	Raspberry, burdock noted. FTP W32-590: Underplanted 7,900
	Basswood	2	Log/XLog	16		Suga	ar Maple	Medium	Variable	Variable	hemlock 9/25/2001.
						Suga	ar Maple	Low	>20 feet	>20 feet	
363	4139 - Aspen,	Mixed Deci	duous	Saplin	g Well	15.8	17	Immature	N/A		Marbled upland stand/lowland stand. Fir areas have little regen but
											area is very small. A few sparse older trees. (2025)
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	opy Species	Density	Avg. Height	Size	
	Canopy Species Sugar Maple	% Cover	Size Class Sapling/Pole	DBF 4	I Age		i opy Species d Raspberry	Density Low	Avg. Height < 5 feet	Size < 5 feet	
					I Age						
	Sugar Maple	2	Sapling/Pole	4	I Age						
	Sugar Maple Red Maple	2 10	Sapling/Pole Sapling	4 3	1 Age						
	Sugar Maple Red Maple Paper Birch	2 10 10	Sapling/Pole Sapling Sapling	4 3 2							
	Sugar Maple Red Maple Paper Birch Quaking Aspen	2 10 10 40	Sapling/Pole Sapling Sapling Sapling	4 3 2 2							
	Sugar Maple Red Maple Paper Birch Quaking Aspen Balsam Poplar	2 10 10 40 31	Sapling/Pole Sapling Sapling Sapling Sapling	4 3 2 2 2	17						
371	Sugar Maple Red Maple Paper Birch Quaking Aspen Balsam Poplar Balsam Fir Black Cherry	2 10 10 40 31 2	Sapling/Pole Sapling Sapling Sapling Sapling Sapling Sapling/Pole	4 3 2 2 2 2 3	17						Bog with sparse pole and sapling sized black spruce and cedar.
371 372	Sugar Maple Red Maple Paper Birch Quaking Aspen Balsam Poplar Balsam Fir Black Cherry	2 10 10 40 31 2 5	Sapling/Pole Sapling Sapling Sapling Sapling Sapling Sapling/Pole Sapling/Pole	4 3 2 2 2 2 3 3	17 17 ne	Wild Re	d Raspberry		< 5 feet	< 5 feet	Two ages here but not 20 years apart. Older strips are more well
	Sugar Maple Red Maple Paper Birch Quaking Aspen Balsam Poplar Balsam Fir Black Cherry	2 10 10 40 31 2 5 5 - Bog	Sapling/Pole Sapling Sapling Sapling Sapling Sapling Sapling/Pole Sapling/Pole	4 3 2 2 2 3 3 No	17 17 ne	1.2 16.1	d Raspberry	Low	< 5 feet	< 5 feet	Two ages here but not 20 years apart. Older strips are more well stocked with some poles present. Older strips are 3-4 inches in
	Sugar Maple Red Maple Paper Birch Quaking Aspen Balsam Poplar Balsam Fir Black Cherry 6225	2 10 10 40 31 2 5 5 - Bog	Sapling/Pole Sapling Sapling Sapling Sapling Sapling Sapling/Pole Sapling/Pole	4 3 2 2 2 3 3 No	17 17 ne	1.2 16.1 Sub-Car	d Raspberry	Low	< 5 feet No	< 5 feet	Two ages here but not 20 years apart. Older strips are more well stocked with some poles present. Older strips are 3-4 inches in diameter and younger strips are 2-3 inches in diameter. 75% canopy closure (2025)First strip cut in 1990 with the original uncut strips
372	Sugar Maple Red Maple Paper Birch Quaking Aspen Balsam Poplar Balsam Fir Black Cherry 6225 6122 - Bl	2 10 10 40 31 2 5 - Bog	Sapling/Pole Sapling Sapling Sapling Sapling Sapling/Pole Sapling/Pole	4 3 2 2 2 3 3 No	17 17 ne	1.2 16.1 Sub-Car	35 Lopy Species	Low Unspecified Density	< 5 feet No N/A Avg. Height	< 5 feet	Two ages here but not 20 years apart. Older strips are more well stocked with some poles present. Older strips are 3-4 inches in diameter and younger strips are 2-3 inches in diameter. 75% canopy

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tand I	nd Level 4 Cover Type Size I		Size De	ensity Acres Stand Age BA Range Manage			Managed S	ite	General Comments				
73	6220 - Ald	der/Willow		Nor	ne	4.9			No		Tag alder drainage/ perennial stream that contains beaver flooding		
						Sub-Ca	nopy Species	Density	Avg. Height	Size	Almost entirely tag alder. (2025)		
						Bals	am Poplar	Trace	Variable	Variable			
						Bla	ck Spruce	Trace	>20 feet	>20 feet			
						Norther	n White Cedar	Trace	>20 feet	>20 feet			
						Pa	per Birch	Trace	Variable	Variable			
						Ta	ag Alder	Full	5 - 10 feet	5 - 10 feet			
						Qua	king Aspen	Trace	>20 feet	>20 feet			
74 6111	6111 - Lowland Balsam Poplar		Poplar Pole	etimbei	Mediu	n 28.1 50		1-50	N/A		Low stand. Probably too wet and basal area too low to harvest. This		
Canopy S	Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	was probably harvested in the 50s with areas blowing down/falling with time. (2025)		
Quaking A	spen	5	Pole	7		Bals	am Poplar	Medium	Variable	Variable	with time. (2020)		
Balsam Po	oplar	55	Pole/Sapling	7	50	Bla	ck Spruce	Medium	Variable	Variable			
Balsam	Fir	10	Pole	5		Ва	alsam Fir	Medium	Variable	Variable			
Black Spr	ruce	15	Pole/Sapling	7		ag Alder	High	5 - 10 feet	5 - 10 feet				
Northern Whit	te Cedar	5	Pole/Log	9							-		
Tamara	ck	10	Log/Pole	12									
75 4112 - Ma	iple, Beech	n, Cherry A	Association Sa					111-140	N/A		Trace amount of white spruce. (2025)		
Canopy S	Species	% Cover	Size Class		Age		nopy Species	Density	Avg. Height	Size			
Sugar Ma	aple	46	Log/Pole	11	100		alsam Fir	Low	Variable	Variable			
Red Ma	'	45	Log/Pole	11		Su	gar Maple	High	< 5 feet	< 5 feet			
Yellow B	irch	3	Log/Pole	13		Su	gar Maple	Low	Variable	Variable			
Balsam Po	oplar	2	Log/Pole	15		Ir	onwood	Low	Variable	Variable			
Balsam		1	Pole	8									
Northern Whit	te Cedar	1	Log/Pole	11									
Black Ch	erry	2	Log/Pole	11									
77 4112 - Ma	ple, Beech	n, Cherry A	Association Sa	awtimb	er Well	6.9	100	111-140	N/A	1	Trace amount of paper birch and yellow birch in canopy. (2025)		
Canopy S	Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size			
Sugar Ma	aple	68	Pole	9	100	Ir	onwood	Low	Variable	Variable			
Sugar Ma	aple	10	XLog	25	160	Su	gar Maple	High	< 5 feet	< 5 feet			
Red Ma	ple	15	Pole	9		Su	gar Maple	Medium	Variable	Variable			
Northern Whit	te Cedar	2	Log/Pole	14									
White Pi	ine	2	XLog	30	160								
Ironwoo	od	3	Pole	8									
78 3102 - Grass			Nor	ne	3.0			Yes	3	Hunter walking trail ("Perrin Brothers North"), gated in 2019. Cultivated in 2021, 2022, 2023.			

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omments

Stand	Level 4 C	over Type	Size Density			Acres	Stand Age BA Range		Managed S	Site	General Comments	
379	4130 - Aspen			Sapling Well			2 23	1-50	N/A		OPIC - FMD: Former white birch, aspen, and red and white pine	
	Canopy Species	% Cover	Size Class	DBH	l Age						stand. Stand was treated with a seed tree cut in 2001and 2002 by Usher under permit #007-98-01. 2016-There is a fair amount of white	
(Quaking Aspen	46	Sapling	1	23						birch regen 5-15' tall especially on disturbed soil areas, but much of	
F	Bigtooth Aspen	41	Sapling	1	23						the stand has regenerated to quaking and bigtooth aspen.	
	Balsam Fir	2	Pole	8								
	White Spruce	1	Pole	8								
	White Pine	5	Log/XLog	16								
	Red Pine	5	Log	16								
380	42210 - Natural Red Pir		ne F	oletimber Well		8.7	75	81-110	10 N/A		OPIC - FMD: Former white birch, aspen, and red and white pine	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	stand. Stand was treated with a seed tree cut in 2001and 2002 by Usher under permit #007-98-01. 2016-There is a fair amount of white	
	White Pine	10	Log/Pole	11		R	ed Pine	Low	Variable	Variable	birch regen 5-15' tall especially on disturbed soil areas, but much of	
	Red Pine	90	Log/Pole	11	75	W	hite Pine	Medium	Variable	Variable	the stand has regenerated to quaking and bigtooth aspen.	
					'	Ja	nck Pine	Low	Variable	Variable		
						Whi	te Spruce	Low	Variable	Variable		
						Blad	ck Spruce	Low	Variable	Variable		
						Ва	lsam Fir	Medium	Variable	Variable		
						Re	ed Maple	Low	Variable	Variable		
						Bigto	ooth Aspen	Medium	Variable	Variable		
382	6122 - BI	ack Spruce	ck Spruce Poletimber Well			16.8	45	51-80	N/A	4	Trace amount of cherry poles. Spruce slightly older as it was advance	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	regeneration and designated to be protected when stand was last cut. This stand was originally part of 274 but was split off (2025)OPIC -	
	Red Maple	5	Sapling/Pole	3		Bla	ck Cherry	Trace	Variable	Variable	FMD: CUT PERMIT 32-89-01; Semi open with clumps of spruce/fir.	
(Quaking Aspen	10	Pole	6		Ва	lsam Fir	Medium	Variable	Variable	Decent aspen regeneration on the west side	
-	Balsam Poplar	5	Pole/Sapling	5		Re	ed Maple	High	5 - 10 feet	5 - 10 feet		
	Balsam Fir	14	Pole/Sapling	6							_	
	Black Spruce	50	Pole	7	45							
Nor	thern White Cedar	5	Pole	9								
	Tamarack	10	Pole/Sapling	5								
	White Pine	1	Log/Pole	10								
384	6121 -	Tamarack	F	Poletimb	er Poor	9.8	90		N/A	4	Very wet and patchy. Trace amount of white pine in canopy.	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size		
	Black Spruce	40	Pole/Sapling	5		Ba	lsam Fir	Low	Variable	Variable		
	Tamarack	60	Pole/Sapling	5	90	Blad	ck Spruce	Low	Variable	Variable		
			1 0				ok opruce	LOW	Variable	Variable		



Stand	Level 4 C	Level 4 Cover Type			Size Density		Stand Age B	Managed S	Site	General Comments	
385 ⁴²	2390 - Mixed Non-	-Pine Uplan	nd Conifers Pole	etimbe	r Mediu	m 2.6	.6 164	51-80	N/A		Red maple, tamarack, cedar, and spruce fir poles. Transitional to
С	anopy Species	% Cover	Size Class	DBH	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	lowland with wet cedar and alder patches. Initial SBW.
	Red Maple	15	Pole/Log	8			Alder	Low	5 - 10 feet	5 - 10 feet	
I	Paper Birch	10	Pole/Sapling	5		Ва	alsam Fir	Medium	Variable	Variable	
	Balsam Fir	20	Pole/Sapling	6							_
В	lack Spruce	15	Pole	8	164						
North	ern White Cedar	30	Pole	8	164						
	Tamarack	10	Pole	8							
386 ⁴²	2390 - Mixed Non-	-Pine Uplan	nd Conifers Pole	etimbe	r Mediu	m 1.7	164	51-80	N/A	4	Red maple, tamarack, cedar, and spruce fir poles. Transitional to
С	anopy Species	% Cover	Size Class	DBH	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	lowland with wet cedar and alder patches. Initial SBW.
	Red Maple	15	Pole/Log	8			Alder	Low	5 - 10 feet	5 - 10 feet	
I	Paper Birch	10	Pole/Sapling	5		Ва	alsam Fir	Medium	Variable	Variable	
	Balsam Fir	20	Pole/Sapling	6							-
В	Black Spruce	15	Pole	8	164						
North	ern White Cedar	30	Pole	8	164						
	Tamarack	10	Pole	8							
387 6120 - Lowland Cedar Poletimber Well					9.6	9.6 121 201+			4	OPIC - FMD: SCA Formerly designated as potential old growth, this	
С	anopy Species	% Cover	Size Class	DBH	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	stand provides connectivity of the riparian zone with its associated wildlife/wetland values along the Big West Branch of the Escanaba
I	Paper Birch	3	Pole/Log	9		Ва	alsam Fir	Low	Variable	Variable	River.
Ва	alsam Poplar	2	Log/Pole	10		Bla	ck Spruce	Low	Variable	Variable	7/19/23: Updated to non-OI cover type.
В	lack Spruce	10	Log/Pole	11		Norther	n White Cedar	Trace	< 5 feet	< 5 feet	
North	ern White Cedar	83	Pole	9	121						
	Tamarack	2	Log/Pole	12							
388	88 4130 - Aspen Poletimber V		er Wel	17.4	40 U	Jnspecified	N/A		"North Branch Block" #027-83 - cut with adjacent compartment 56		
С	anopy Species	% Cover	Size Class	DBH	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	1985. Trace amount of fir present. Some pockets of stem breakage hypoxylon present. Stand is transitioning from saplings to poles.
Qı	uaking Aspen	70	Pole	6	40	Bals	am Poplar	Medium	5 - 10 feet	5 - 10 feet	, ,,,,, ,,, ,,, ,,, ,,, ,,, ,,, ,,, ,,, ,,,
Ва	alsam Poplar	30	Pole/Sapling	5	40	Bla	ck Cherry	Low	10 - 20 feet	10 - 20 feet	
						Pa	per Birch	Low	10 - 20 feet	10 - 20 feet	
						Hazel	nut (Beaked)	Medium	< 5 feet	< 5 feet	
						Ma	ple (spp.)	Low	10 - 20 feet	10 - 20 feet	
						Wh	ite Spruce	Low	10 - 20 feet	10 - 20 feet	
						Ва	alsam Fir	Low	Variable	Variable	
						Blackbe	erry/Raspberry	Medium	< 5 feet	< 5 feet	



	d Level 4 Cover Type Size Density			ity	Acres Stand Age	BA Range	Managed S	ite	General Comments		
390	6139 - Mixed Lowland Forest Po			oletimber Medium		10.1 37	Unspecified	N/A		Cut with stand to south but this is wetter and slower growing. (2025)	
	Canopy Species	% Cover	Size Class	DBH A	ge	Sub-Canopy Species	s Density	Avg. Height	Size		
	Paper Birch	5	Sapling/Pole	4		Balsam Fir	Low	Variable	Variable		
	Quaking Aspen	15	Sapling/Pole	4 3	37	Tag Alder	Low	5 - 10 feet	5 - 10 feet		
	Balsam Poplar	35	Sapling/Pole	4 3	37					-	
	Black Spruce	15	Sapling/Pole	4							
No	rthern White Cedar	5	Log/Pole	12							
	Tamarack	25	Sapling/Pole	4							
391 41) - Aspen		Poletimber Well		15.4 27 Unspecified		N/A		"Bryan Creek Sale" #024-96 (unit 1,2) - cut July, 1998. Some lowland	
	Canopy Species	% Cover	Size Class	DBH A	ge	Sub-Canopy Species	s Density	Avg. Height	Size	aspen, tamarack along lower edges of stand. Some red maple saplings.	
	Paper Birch	1	Pole	5		White Spruce	Low	Variable	Variable	ouplings.	
	Quaking Aspen	94	Pole	6 2	27	Balsam Fir	Low	Variable	Variable		
	Balsam Fir 5 Pole 6					Red Maple	Low	Variable	Variable		
392	330 - Low-D	Density Tre	ees	None		2.0		No	1	Open area filling in with spruce, fir, cherry and aspen. (2025)	
	4400		_								
393		- Aspen		oletimber		41.1 34	51-80	N/A		2" aspen saplings with occasional large white pine. Treated under contract # 35-85-01.	
393	Canopy Species	% Cover	Size Class	DBH A		Sub-Canopy Species	Density	Avg. Height	Size		
393	Canopy Species Red Maple	% Cover	Size Class Pole			Sub-Canopy Species Black Spruce	S Density Low	Avg. Height Variable	Size Variable		
	Canopy Species Red Maple Paper Birch	% Cover 5 5	Size Class	DBH A 5 7	ge	Sub-Canopy Species Black Spruce Sugar Maple	Low Medium	Avg. Height Variable Variable	Size Variable Variable		
	Canopy Species Red Maple Paper Birch Quaking Aspen	% Cover 5 5 73	Size Class Pole Pole Pole	DBH A 5 7 7		Sub-Canopy Species Black Spruce Sugar Maple Red Maple	Low Medium Medium	Avg. Height Variable Variable Variable	Size Variable Variable Variable		
	Canopy Species Red Maple Paper Birch Quaking Aspen Balsam Poplar	% Cover 5 5	Size Class Pole Pole	DBH A 5 7	ge	Sub-Canopy Species Black Spruce Sugar Maple Red Maple Paper Birch	Low Medium	Avg. Height Variable Variable	Size Variable Variable		
	Canopy Species Red Maple Paper Birch Quaking Aspen	% Cover 5 5 73 10	Size Class Pole Pole Pole Pole	5 7 7 7 7	ge	Sub-Canopy Species Black Spruce Sugar Maple Red Maple	Low Medium Medium Low	Avg. Height Variable Variable Variable Variable	Variable Variable Variable Variable		
	Canopy Species Red Maple Paper Birch Quaking Aspen Balsam Poplar Balsam Fir Black Cherry 4190 - Mixed Upla	% Cover 5 5 73 10 5 2	Size Class Pole Pole Pole Pole Pole Pole Pole Pole	5 7 7 7 8	ge 34	Sub-Canopy Species Black Spruce Sugar Maple Red Maple Paper Birch	Low Medium Medium Low	Avg. Height Variable Variable Variable Variable	Size Variable Variable Variable Variable Variable Variable		
	Canopy Species Red Maple Paper Birch Quaking Aspen Balsam Poplar Balsam Fir Black Cherry 4190 - Mixed Upla	% Cover 5 5 73 10 5 2 and Deciduedar	Size Class Pole Pole Pole Pole Pole Pole Pole Pole	5 7 7 7 8 6 6	ge 34 Well	Sub-Canopy Species Black Spruce Sugar Maple Red Maple Paper Birch Black Cherry	Density Low Medium Medium Low Low Low	Avg. Height Variable Variable Variable Variable Variable Variable	Size Variable Variable Variable Variable Variable Variable		
	Canopy Species Red Maple Paper Birch Quaking Aspen Balsam Poplar Balsam Fir Black Cherry 4190 - Mixed Upla	% Cover 5 5 73 10 5 2 and Deciduedar	Size Class Pole Pole Pole Pole Pole Pole Ous with S	DBH A	ge 34 Well	Sub-Canopy Species Black Spruce Sugar Maple Red Maple Paper Birch Black Cherry	Density Low Medium Medium Low Low Low	Avg. Height Variable Variable Variable Variable Variable N/A	Size Variable Variable Variable Variable Variable		
	Canopy Species Red Maple Paper Birch Quaking Aspen Balsam Poplar Balsam Fir Black Cherry 4190 - Mixed Upla	% Cover 5 5 73 10 5 2 and Deciduedar % Cover	Size Class Pole Pole Pole Pole Pole Pole Size Class	DBH A	ge 34 Well	Sub-Canopy Species Black Spruce Sugar Maple Red Maple Paper Birch Black Cherry 14.1 70 Sub-Canopy Species	Low Medium Medium Low Low Low 111-140 Be Density	Avg. Height Variable Variable Variable Variable Variable Avg. Height	Size Variable Variable Variable Variable Variable Variable		
	Canopy Species Red Maple Paper Birch Quaking Aspen Balsam Poplar Balsam Fir Black Cherry 4190 - Mixed Upla Ce Canopy Species Red Maple	% Cover 5 5 73 10 5 2 2 and Deciduedar 52	Size Class Pole Pole Pole Pole Pole Pole Size Class Pole	DBH A	ge 34 Well	Sub-Canopy Species Black Spruce Sugar Maple Red Maple Paper Birch Black Cherry 14.1 70 Sub-Canopy Species Red Maple	Low Medium Medium Low Low Low 111-140 S Density Medium	Avg. Height Variable Variable Variable Variable Variable Avg. Height Variable	Size Variable Variable Variable Variable Variable Variable Variable		
	Canopy Species Red Maple Paper Birch Quaking Aspen Balsam Poplar Balsam Fir Black Cherry 4190 - Mixed Upla Cce Canopy Species Red Maple Yellow Birch	% Cover	Size Class Pole Pole Pole Pole Pole Pole Size Class Pole Log/Pole	DBH A 5 7 7 8 6 awtimber DBH A 8 14	ge 34 Well	Sub-Canopy Species Black Spruce Sugar Maple Red Maple Paper Birch Black Cherry 14.1 70 Sub-Canopy Species Red Maple White Pine	Low Medium Medium Low Low Low Medium Medium Low Low This Density Medium Trace	Avg. Height Variable Variable Variable Variable Variable Variable Variable Variable Avg. Height Variable < 5 feet	Size Variable Variable Variable Variable Variable Variable Variable		
395	Canopy Species Red Maple Paper Birch Quaking Aspen Balsam Poplar Balsam Fir Black Cherry 4190 - Mixed Upla Ce Canopy Species Red Maple Yellow Birch Paper Birch	% Cover	Size Class Pole Pole Pole Pole Pole Pole Pole Pol	DBH A 5 7 7 8 6 awtimber DBH A 8 14 12 10	ge 34 Well	Sub-Canopy Species Black Spruce Sugar Maple Red Maple Paper Birch Black Cherry 14.1 70 Sub-Canopy Species Red Maple White Pine	Low Medium Medium Low Low Low Medium Medium Low Low This Density Medium Trace	Avg. Height Variable Variable Variable Variable Variable Variable Variable Variable Avg. Height Variable < 5 feet	Size Variable Variable Variable Variable Variable Variable Variable Size Variable < 5 feet		
395	Canopy Species Red Maple Paper Birch Quaking Aspen Balsam Poplar Balsam Fir Black Cherry 4190 - Mixed Upla Ce Canopy Species Red Maple Yellow Birch Paper Birch Black Spruce	% Cover 5 5 73 10 5 2 2 2 10 5	Size Class Pole Pole Pole Pole Pole Pole Size Class Pole Log/Pole Log/Pole	DBH A 5 7 7 8 6 awtimber DBH A 8 14 12 10 14 1	Well	Sub-Canopy Species Black Spruce Sugar Maple Red Maple Paper Birch Black Cherry 14.1 70 Sub-Canopy Species Red Maple White Pine	Low Medium Medium Low Low Low Medium Medium Low Low This Density Medium Trace	Avg. Height Variable Variable Variable Variable Variable Variable Variable Variable Avg. Height Variable < 5 feet	Size Variable Variable Variable Variable Variable Variable Variable Size Variable < 5 feet		

Compartment: 51 Year of Entry: 2027



Stand Level 4 Cover Type Size Density Acres Stand Age BA Range Managed Site **General Comments** 6120 - Lowland Cedar Sawtimber Well 3.0 120 81-110 N/A 396 **DBH Age Canopy Species** % Cover Size Class **Sub-Canopy Species** Density Avg. Height Size Pole 8 Balsam Fir Variable Variable Red Maple Medium Yellow Birch 2 Loa/Pole 10 Red Maple Low Variable Variable 1 Paper Birch Pole 6 Tag Alder Low 5 - 10 feet 5 - 10 feet Northern White Cedar 96 Loa/Pole 10 | 120 330 - Low-Density Trees None 1.3 Yes Stand is filling in. (2025)2015 - W32698 - installed gate, limed. 400 mowed. It was decided only to plant a portion of the trail to clover.2014 - W32698 - planted 25 red baron apple trees, 25 nannyberry, 25 highbush cranberry, 4 mountain ash, and 7 seedling apple trees. Hunter walking trail was herbicided and disked. 5/26/2016 Field notes: raspberry 20% cover, mostly grass. Some wildlife trees observed. 330 - Low-Density Trees None 23 Nο Filling in with aspen and balsam fir (2025)2015 - W32698 -401 installed gate, limed, mowed. It was decided only to plant a portion of the trail to clover.2014 - W32698 - planted 25 red baron apple trees. 25 nannyberry. 25 highbush cranberry.4 mountain ash, and 7 seedling apple trees. Hunter walking trail was herbicided and disked. 3301 - Low Density Deciduous Trees None 26 Yes Filling in with BAM and aspen on edges. (2025)2015 - W32698 -402 installed gate, limed, mowed. It was decided only to plant a portion of the trail to clover.2014 - W32698 - planted 25 red baron apple trees. 25 nannyberry, 25 highbush cranberry, 4 mountain ash, and 7 seedling apple trees. Hunter walking trail was herbicided and disked. 6/25/2016 Field notes: Verified, some cherry encroaching. Yes 310 - Herbaceous Openland None 1.5 407 **Sub-Canopy Species** Size Density Avg. Height Wild Red Raspberry High < 5 feet < 5 feet 42340 - Upland Spruce/Fir 408 Sawtimber Poor 16.1 43 1-50 N/A Filling in, Large and small trees present, OPIC - FMD: Natural opening5/26/2016 Field notes: Verified, open sandy spot with **Canopy Species** % Cover Size Class **DBH Age Sub-Canopy Species** Density Avg. Height Size conifers: balsam fir, white spruce, white pine, jack pine. Mostly Sugar Maple Log/Pole 12 Balsam Poplar Medium Variable Variable sapling size, encroaching, but big, open-growing conifers as well. Quaking Aspen 10 Log/Pole 10 Quaking Aspen Medium Variable Variable Balsam Poplar 25 8 Variable Variable Pole/Loa Quaking Aspen Medium Balsam Fir 50 Log/Pole 10 43 Balsam Fir Low Variable Variable White Spruce 10 Log/Pole 10 3102 - Grass None 9.3 Yes Planted numerous shrubs, planted to rye in 2013, planted to clover in 410 2014. Installed gates. Annual mowing, fertilize, and frost seeding. CR438 Hunter Walking Trail.OPIC - FMD: Grass opening along hunter walking trail. Mowed for maintenance in 2018, 2019, 2021. Cultivated in 2017. 2022. 2023. 2024.

Gwinn Mgt. Unit Report 7 – Stands



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age BA Range	Managed Site	General Comments	MICHIGAN M
413	3102 - Grass	None	1.5		Yes	OPIC - FMD: Natural opening along Co Rd 438Managed cultivated in 2016, 2017; mowed in 2018, 2019, 2020, 202 in 2022, 2023, 2024.	