



Compartment Review Presentation

Baraga Forest Management Unit

Compartment 11049

Entry Year 2025

Acreage: 1,471

County Houghton

Management Area: Houghton Hardwoods

Stand Examiner: Jason Mittlestat

Legal Description:

Houghton County, Laird Township.
T51N, R36W, Sections 9, 15 and 16

Identified Planning Goals:

Central Houghton
To maintain a healthy; sustainable forest with special consideration to wildlife habitat, fisheries habitat, and recreational needs.

Soil and topography:

The terrain is level to rolling. Soils are Munising loamy fine sand, Kalkaska sand, Yalmer sand, Au Gres sand, Roscommon sand, Halfaday sands, Laminga fine sand, Gay muck, Lupton, Cathro muck and Dawson Loxley peats.

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

The compartment adjoins other state forest lands, one large industrial land owner and one small owner. The land use is predominantly for timber.

Unique Natural Features:

None Identified.

Archeological, Historical, and Cultural Features:

The Otter Siding Road was a logging railroad grade.

Special Management Designations or Considerations:

None Identified.

Watershed and Fisheries Considerations:

The West Branch of the Otter River is a high quality trout stream. Recent stream improvement and bank stabilization projects have been accomplished downstream of the Otter Siding Road in the adjacent compartment to the south. Best Management practices should be observed when harvesting.

Wildlife Habitat Considerations:

Compartment 49 is found in the Central Houghton Management Area on Dissected Moraines in Central Houghton County. The major forest cover types include Northern Hardwoods, Aspen, and Mixed Lowland Conifer. Some of the most significant wildlife management issues in the management area are: mesic conifers; mature forest; habitat fragmentation; coarse woody debris; and retention or development of large living and dead standing trees (for cavities). This management area represents almost 15% of the WUP State Forest hemlock resource and is one of the few MAs where the species reliably regenerates and recruits.

The following have been identified, as featured species for the Central Houghton Management Area:
Blackburnian Warbler, Pileated Woodpecker, and Northern Goshawk.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of coarse-textured glacial till, thinning to the northwest. The glacial drift thickness varies between 10 and 50 feet. The Precambrian Jacobsville Sandstone and the Portage Lake Volcanics subcrop below the glacial drift. The Jacobsville was previously used as a building stone and the Volcanics may have copper potential. The closest gravel pit is located six miles to the north, but potential should be good in areas of drift. Abandoned copper mines, containing some silver, are located to the north and to the southwest. Section 8 was previously leased for copper exploration. There is no economic oil and gas production in the UP.

Vehicle Access:

Access is from the Otter Siding Road with runs the entire length of the compartment connecting the Pike Lake Road to M-38. There are also several forest roads in varying conditions throughout the compartment.

Survey Needs:

None needed.

Recreational Facilities and Opportunities:

The hunting opportunities in this compartment are excellent for big and small game hunting alike.

Fire Protection:

This is not a fire prone area.

Additional Compartment Information:

The following reports from the Inventory are attached:

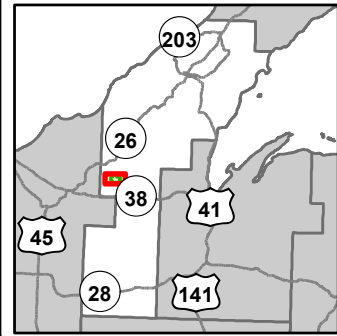
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

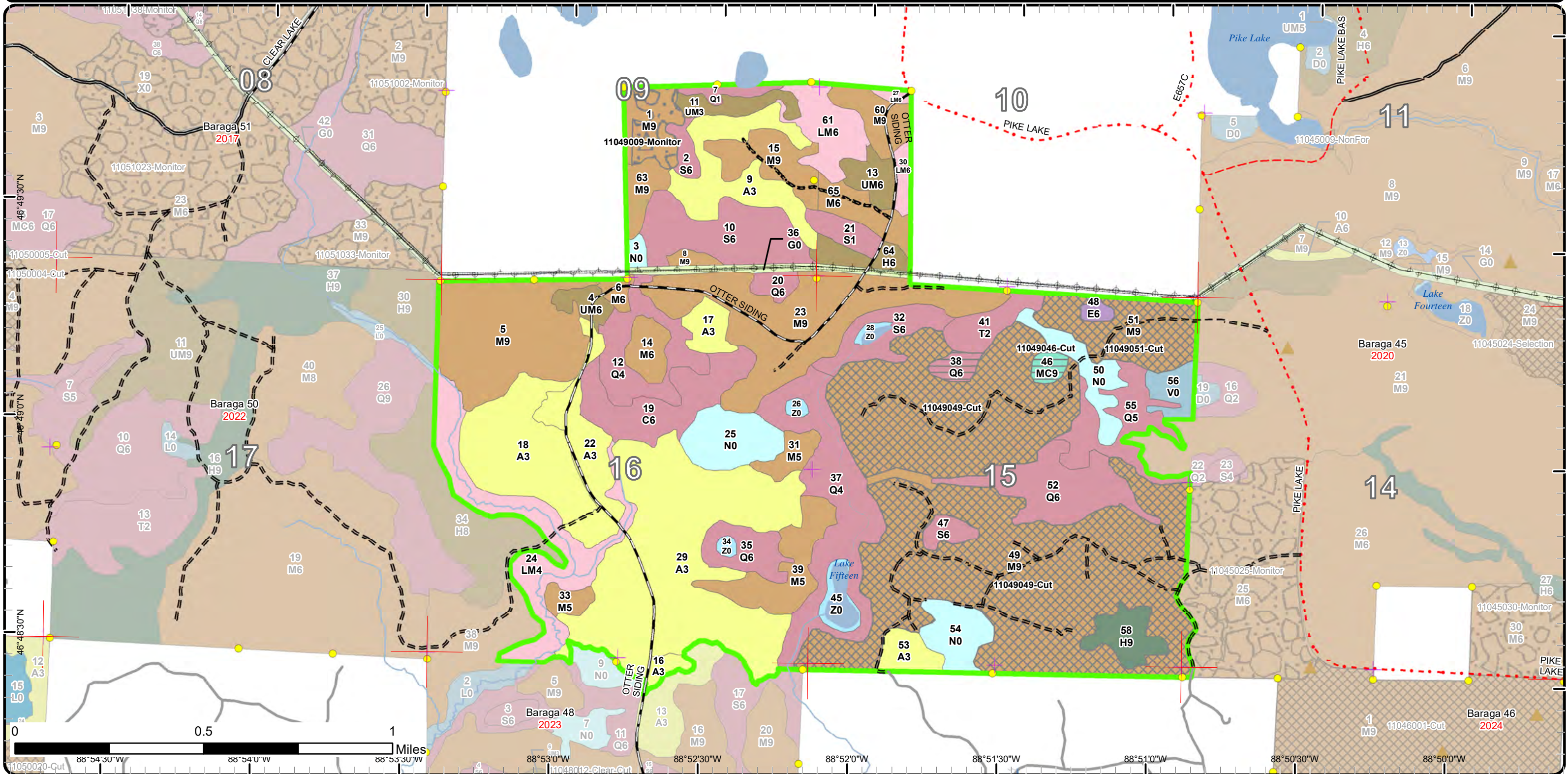
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 49
 T51N, R36W Sec: 9, 10, 15, 16
 County: Houghton
 Unit: Baraga
 Mgmt Area: Houghton Hardwoods
 YOE: 2025
 Acres: 1471 GIS Calculated
 Examiner: Jason Mittlestat
 Map Revised: 7/31/2023
 Map Phase: Post-Review

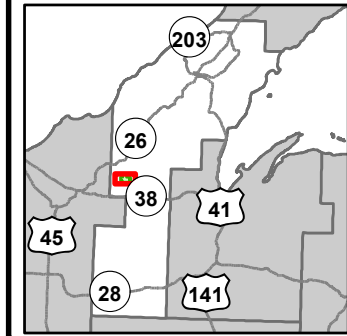


- Miris Corners
- Re monumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Paved Road
- DNR - Management Access
- Berms
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- Powerline
- Compartment Boundary
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Regeneration Survey
- 411 - Northern Hardwood
- 413 - Aspen
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland

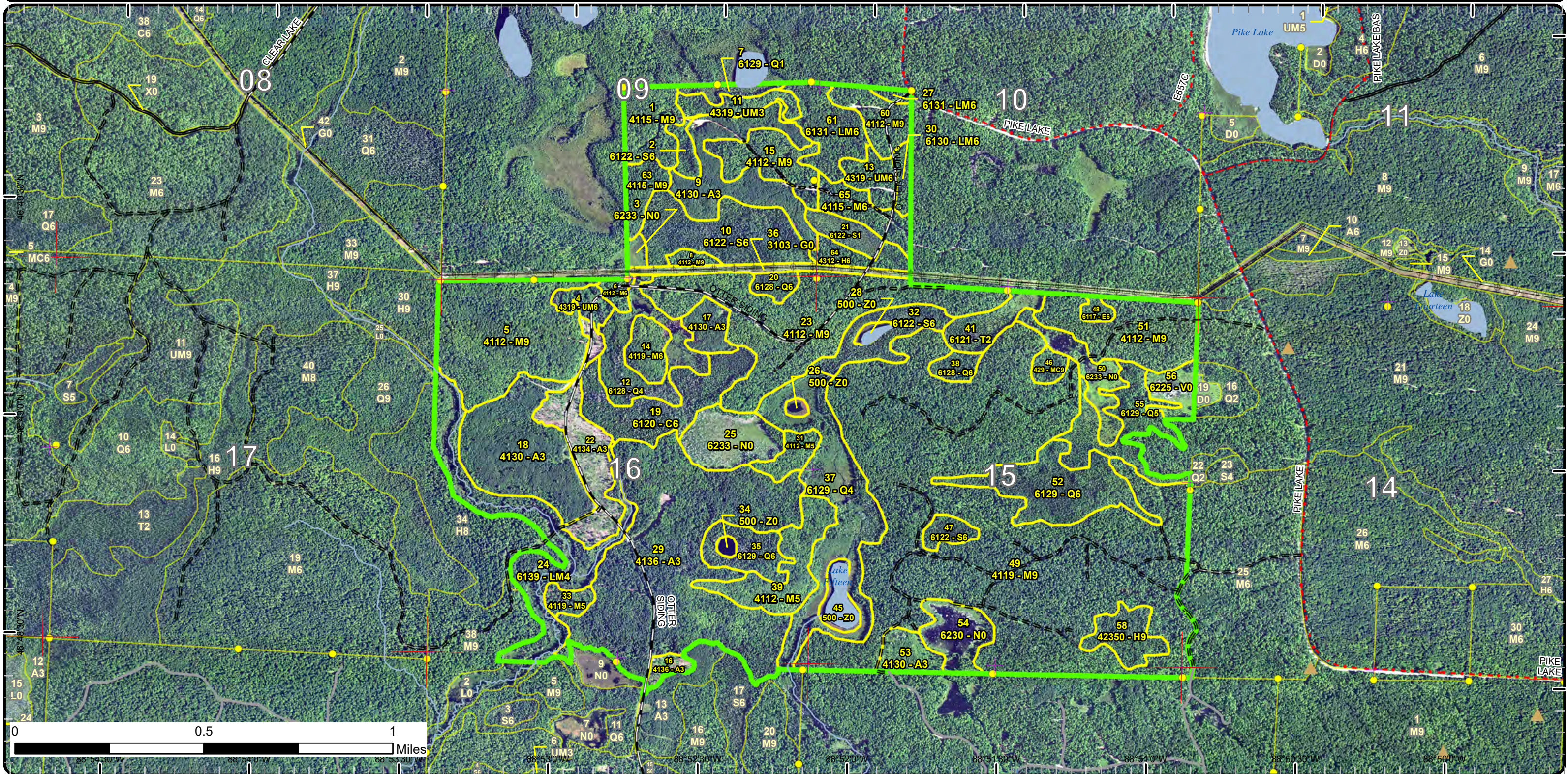


Stand Boundary Map

Compartment: 49
 T51N, R36W Sec: 9, 10, 15, 16
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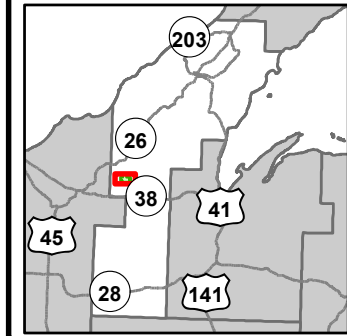


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 - + Remonumented Section Corners
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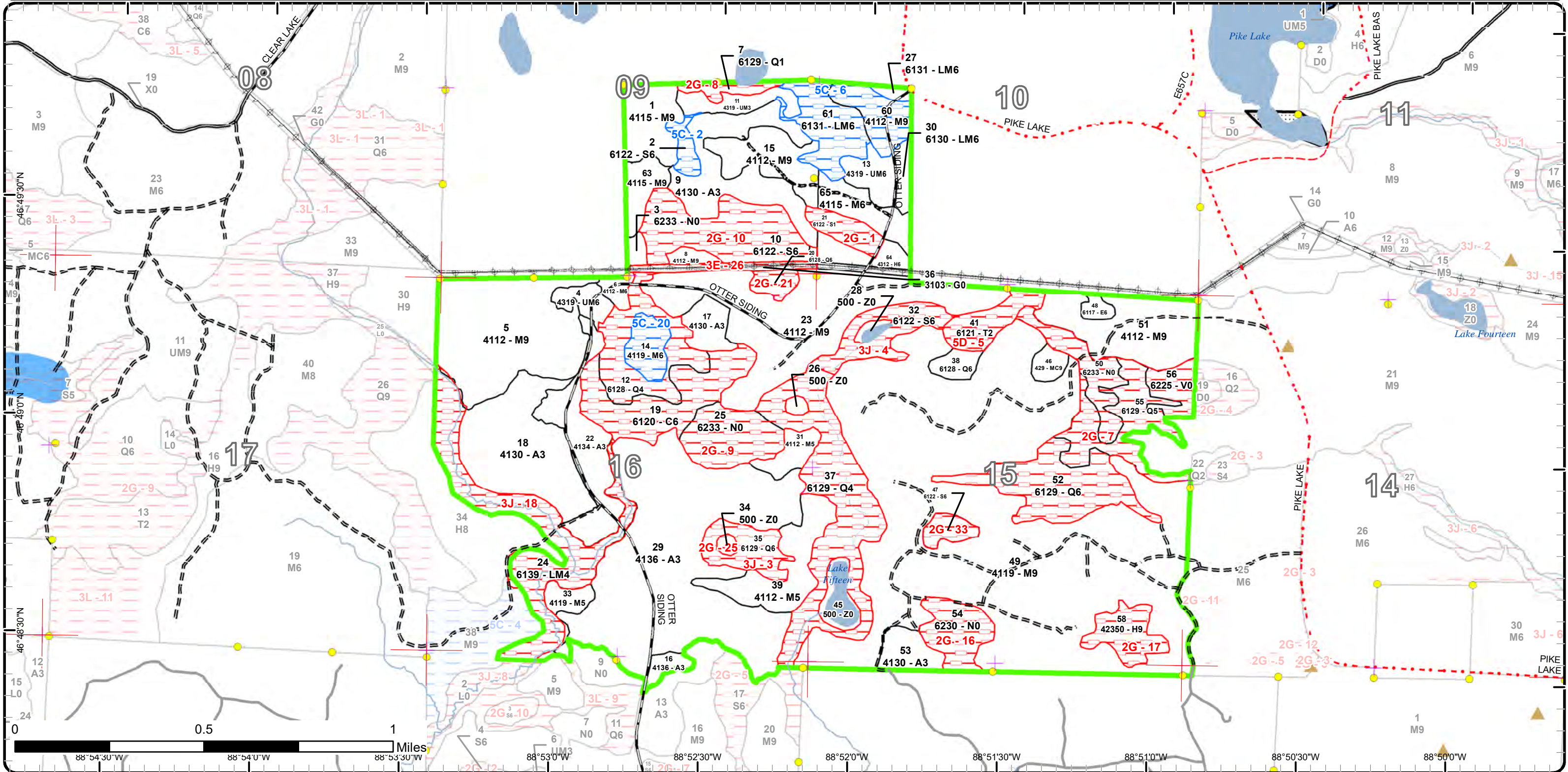


Special Conservation Areas

Compartment: 49
 T51N, R36W Sec: 9, 10, 15, 16
 County: Houghton
 Unit: Baraga
 Mgmt Area: Houghton Hardwoods
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- DNR - Management Access
- Berms
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- Powerline
- Compartment Boundary
- Available w/ Constraints
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- 3E: Easement / lease, non-military (e.g.- Consumers Power red pine, etc)
- 3J: Water quality / BMPs (stream, river, or lake)
- 5D: Unproductive Forest Land
- Stand Boundaries
- SCA
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer



Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Unseen-Aged	Total
Aspen	0	177	10	96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	283
Bog	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Cedar	0	0	0	0	0	0	0	0	0	0	33	0	0	0	0	0	0	0	33
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0	0	9	23
Herbaceous Openland	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Lowland Conifers	0	0	0	0	0	0	0	32	0	95	46	0	5	0	0	0	0	0	178
Lowland Deciduous	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	3
Lowland Mixed Forest	0	0	0	0	0	0	0	0	53	0	0	0	0	0	0	0	0	28	81
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	6	52	0	17	0	0	0	0	0	75
Marsh	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57
Northern Hardwood	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	649	659
Tamarack	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	13
Upland Conifers	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	4
Upland Mixed Forest	0	10	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	10	27
Water	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Total	90	187	10	96	0	0	7	32	53	127	131	0	41	0	0	0	0	696	1469



Report 2 – Treatment Summary

Baraga Mgt. Unit

Compartment 49

Year of Entry: 2025

Acres of Harvest

Total Compartment Acres: 1,471

Commercial Harvest - 385
 Harvests with Site Condition - 0
 Next Step Harvest - 0
 Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overshoot Removal	Salvage	Other	Total Acres
Lowland Conifers	5	0	0	0	0	0	0	0	0	5
Northern Hardwood	0	375	0	0	0	0	0	0	0	375
Upland Conifers	5	0	0	0	0	0	0	0	0	5
Total	10	375	0	0	0	0	0	0	0	385

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	385	0	0	0	0	0	14	0	0	399
Next Step	0	0	0	0	0	0	385	0	0	385
Total	385	0	0	0	0	0	399	0	0	783



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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Approved Treatments:

1	11049009-Monitor	13.8	4115 - Y.Birch, Hemlock NH	Sawtimber Well	101	81-110	Monitoring	Natural Regen (Re-Inventory)	4115 - Y.Birch, Hemlock NH	Uneven-Aged	No
<p><u>Prescription</u></p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Any combination of the current overstory species.</p> <p><u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>											
38	11049038-Cut	5.3	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	111	Unspecified	Harvest	Clearcut with Retention	612 - Lowland Coniferous Forest	Two-Aged	No
<p><u>Prescription</u> Harvest all species down to 4.6 inches DBH except White Pine, Cedar and Hemlock.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Any combination of the original stands over story species prior to harvest.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>											
46	11049046-Cut	4.5	429 - Mixed Upland Conifers	Sawtimber Well	112	111-140	Harvest	Clearcut with Retention	429 - Mixed Upland Conifers	Two-Aged	No
<p><u>Prescription</u> Harvest all species down to 4.6 inches DBH except White Pine, Cedar and Hemlock. White Pine shall be selectively marked for harvesting</p> <p><u>Specs:</u> to reduce the canopy to less than 50% closure.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Any combination of the original stands over story species prior to harvest.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>											



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
49 11049049-Cut	337.6	4119 - Mixed Northern Hardwoods	Sawtimber Well	101	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription Specs:</u> Selectively thin hardwoods to 70-90 square feet of basal area. Favor oak, hemlock, white pine and cedar where present. Oak should be released on 3 sides to an average BA of 60 sqft. Where 30 sqft or more of hemlock occurs thin to no less than 100 sqft of BA. Around areas of heavy Hemlock, open up the drip edge to encourage hemlock seedling establishment. Follow all guidelines set forth in "The Complete Marker".</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Any combination of the original stands over story species prior to harvest.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
51 11049051-Cut	37.4	4112 - Maple, Beech, Cherry Association	Sawtimber Well	91	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription Specs:</u> Selectively thin hardwoods to 70-90 square feet of basal area. Favor oak, hemlock, white pine and cedar where present. Oak should be released on 3 sides to an average BA of 60 sqft. Where 30 sqft or more of hemlock occurs thin to no less than 100 sqft of BA. Around areas of heavy Hemlock, open up the drip edge to encourage hemlock seedling establishment. Follow all guidelines set forth in "The Complete Marker".</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Any combination of the original stands over story species prior to harvest.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										

Total Treatment Acreage Proposed: 398.6

Report 4 – Site Conditions

Baraga Mgt. Unit

Compartment: 49

Jason Mittlestat : Examiner

Year of Entry: 2025

Availability for Management

Total Acres	Acres Available	Acres Available With Condition	Acres Not Available
284	283	0	0
9	0	0	9
33	0	0	33
23	8	0	14
10	3	0	7
179	5	0	174
3	3	0	0
82	8	21	52
75	0	5	70
57	3	0	54
659	635	24	0
13	0	0	13
4	4	0	0
27	27	0	0
14	12	0	2
1,471	992	51	428
	67%	3%	29%

Dominant Site Conditions

	Dominant Site Conditions				
	5C	2G	3E	3J	5D
Aspen		0		0	
Bog		9			
Cedar		33		0	
Hemlock		14			
Herbaceous Openland		0	7		
Lowland Conifers	0	159	0	14	0
Lowland Deciduous					
Lowland Mixed Forest	21	0		52	
Lowland Spruce/Fir	5	52	0	17	
Marsh		54			
Northern Hardwood	24	0		0	0
Tamarack					13
Upland Conifers		0			
Upland Mixed Forest					
Water		2			
Total Forested Acres	51	325	7	84	13
Relative Percent					

**Due to limitations in the current Site Conditions Analysis tool, all nonforested acres are considered available. Future development will enable analysis of nonforested types.*

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
2	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Baraga Mgt. Unit

Compartment: 49

Jason Mittlestat : Examiner

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3	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	17	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	5D: Unproductive Forest Land	13	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
6	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	36	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Look to harvest in 2035 to balance out harvest on east vs west access to the compartment.							
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	89	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	5D: Unproductive Forest Land	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Baraga Mgt. Unit

Compartment: 49

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9	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	141	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: Stream corridors							
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	38	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	17	Unspecified	Unspecified	Unspecified	Unspecified
Comments: non forested beaver flooding.							
17	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Solid hemlock stand. We do not manage stand like this as directed by our WLD staff.							
18	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	53	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Baraga Mgt. Unit

Compartment: 49

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20	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	10	2E: Road needed	Unspecified	Unspecified	Unspecified
Comments:							
21	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified	Unspecified
Comments:							
25	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: water.							
26	Unavailable	3E: Easement / lease, non-military (e.g.- Consumers Power red pine, etc)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments: powerline.							
33	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

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



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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1	4115 - Y.Birch, Hemlock NH	Sawtimber Well	18.2	101	81-110	N/A	Stand was split from 63. Power siding cut in winter 2016-2017. Selection harvested in 1995 with "Otter Aspen" (11-003-95-01).
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Canopy Species	% Cover	Size Class	DBH	Age
White Spruce	3	Pole/Log	10	
Red Oak	2	Log	16	
White Pine	5	XLog	20	
Sugar Maple	40	Log/Pole	10	101
Red Maple	20	Pole	9	
Hemlock	25	Log	12	
Black Cherry	2	Pole/Log	10	
Yellow Birch	3	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Medium	Variable	Sapling
Quaking Aspen	Medium	>20 feet	Sapling
Balsam Fir	High	Variable	Sapling
Sugar Maple	Medium	Variable	Sapling
Hemlock	High	Variable	Pole
White Pine	High	Variable	Sapling

2	6122 - Black Spruce	Poletimber Well	5.0	96	Unspecified	N/A	Not field checked in 2023
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	3	Pole	8	
Black Spruce	80	Pole	8	96
Tamarack	5	Pole	8	
White Pine	5	Log	16	
Northern White Cedar	5	Pole	6	
Yellow Birch	2	Pole	6	

Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	Low	Variable	Pole
Black Spruce	Medium	Variable	Sapling

3	6233 - Wet Meadow	Nonstocked	2.6		Unspecified	No	
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4	4319 - Mixed Upland Forest	Poletimber Well	6.9	51	1-50	N/A	West perimeter of stand is plantation White Spruce.
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Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	10	Pole/Log	10	
Balsam Fir	10	Pole	5	
White Spruce	30	Pole/Log	10	51
Black Cherry	5	Pole	6	
Sugar Maple	15	Sapling	3	
Apple (spp.)	5	Pole	6	
Paper Birch	5	Pole	6	
White Pine	5	Log	16	
Red Maple	15	Sapling	3	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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5	4112 - Maple, Beech, Cherry Association	Sawtimber Well	67.3	101	81-110	N/A	Selection harvested in 1995 with "Otter Siding Hardwoods" (11-009-95-01). Power siding cut fall 2017.
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Canopy Species	% Cover	Size Class	DBH	Age
White Pine	3	XLog	20	
Red Oak	2	Log	16	
Sugar Maple	65	Log	12	101
Yellow Birch	3	Pole/Log	10	
Red Maple	14	Log	11	
Black Cherry	3	Pole/Log	10	
Basswood	8	Log	12	
Quaking Aspen	2	Log	12	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Full	10 - 20 feet	Sapling
Hemlock	Low	Variable	Pole
Balsam Fir	Medium	Variable	Sapling
Ironwood	Low	10 - 20 feet	Sapling

6	4112 - Maple, Beech, Cherry Association	Poletimber Well	3.7	89	81-110	N/A	Select harvested in 2005 with "Pits Hardwoods" (11-014-05-01).
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Canopy Species	% Cover	Size Class	DBH	Age
White Spruce	3	Pole/Log	10	
White Pine	5	XLog	20	
Hemlock	5	Log	16	
Black Ash	2	Pole/Log	10	
Red Maple	30	Log/Pole	10	
Sugar Maple	50	Log/Pole	10	89
Yellow Birch	5	Pole/Log	10	

Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	Low	10 - 20 feet	Sapling
Balsam Fir	Medium	Variable	Sapling
Sugar Maple	High	10 - 20 feet	Sapling

7	6129 - Mixed Coniferous Lowland Forest	Sapling Poor	5.3	66	Unspecified	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	45	Sapling	3	66
Northern White Cedar	10	Sapling	2	
Hemlock	10	Sapling	3	
White Pine	35	Sapling/Pole	5	

8	4112 - Maple, Beech, Cherry Association	Sawtimber Well	2.9	89	81-110	N/A	Selection harvested last rotation with "Pits Hdwds" (11-014-05-01). 2023: BA is running 100-110.
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	30	Log	12	
Yellow Birch	5	Pole/Log	10	
White Spruce	3	Pole/Log	10	
White Pine	5	XLog/Log	20	
Black Ash	2	Pole/Log	10	
Sugar Maple	50	Log	12	89
Hemlock	5	Log	16	

Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	Low	5 - 10 feet	Sapling
Balsam Fir	Medium	Variable	Sapling
Sugar Maple	Medium	5 - 10 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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9 4130 - Aspen Sapling Well 35.6 26 Unspecified N/A Clearcut in 1997 with "Otter Siding Aspen" (11-003-95-01).

Canopy Species	% Cover	Size Class	DBH	Age
Black Cherry	5	Sapling	2	
Red Maple	5	Sapling	2	
Paper Birch	5	Sapling	2	
Balsam Fir	5	Sapling	2	
White Spruce	3	Sapling	2	
Black Spruce	2	Sapling	1	
White Pine	5	Sapling	1	
Quaking Aspen	70	Sapling/Pole	4	26

10 6122 - Black Spruce Poletimber Well 38.0 91 Unspecified N/A Stand has very wet ground.

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	5	Pole	6	
Tamarack	40	Pole	5	
Black Spruce	50	Pole	6	91
White Pine	5	Pole/Log	10	

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	Low	Variable	Sapling
Northern White Cedar	Low	Variable	Sapling
Tamarack	Medium	Variable	Sapling

2023: Not field checked.

11 4319 - Mixed Upland Forest Sapling Well 9.8 7 51-80 N/A Power siding cut winter 2016-2017 unit 5.

Canopy Species	% Cover	Size Class	DBH	Age
White Spruce	5	Sapling	1	
Black Spruce	1	Sapling	1	
Northern White Cedar	3	Pole	10	
Quaking Aspen	6	Sapling	1	7
Sugar Maple	20	Sapling	1	7
White Pine	3	Log	16	
Balsam Fir	5	Sapling	1	
Red Maple	30	Sapling	1	7
Hemlock	25	Log/Pole/Sap	10	91
Yellow Birch	2	Pole/Log	10	

2023: Stand is regenerating well.

12 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Poor 26.6 91 Unspecified N/A Stand is a growing in treed bog.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Sapling	3	
Tamarack	25	Pole	6	
Northern White Cedar	15	Pole	6	
Black Ash	20	Sapling	3	
Black Spruce	35	Pole	6	91

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Full	10 - 20 feet	Tall Shrub



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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13 4319 - Mixed Upland Forest Poletimber Well 9.8 91 111-140 N/A Land was acquired in 2017.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	5	Pole	8		Quaking Aspen	Low	10 - 20 feet	Sapling
White Spruce	5	Pole/Log	10		Hemlock	Full	Variable	Pole
Black Spruce	2	Pole	8		Sugar Maple	Low	Variable	Sapling
Sugar Maple	20	Pole/Log	10		Red Maple	Full	Variable	Sapling
White Pine	3	Log	16					
Red Maple	30	Pole/Log	10	91				
Hemlock	25	Pole/Log	10					
Quaking Aspen	5	Log	12					
Yellow Birch	2	Pole/Log	10					
Northern White Cedar	3	Pole	10					

14 4119 - Mixed Northern Hardwoods Poletimber Well 10.0 80 111-140 N/A Even aged M6, No record of any management by the state. Possible pasture origin. Select harvest next rotation with "Pits Hardwoods".

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	10	Pole/Log	10		Red Maple	Medium	Variable	Sapling
Hemlock	2	Log	16		Balsam Fir	High	Variable	Pole
White Pine	2	XLog	20		Sugar Maple	Full	Variable	Sapling
Sugar Maple	40	Pole	8	80				
Black Cherry	10	Pole	8					
Red Maple	25	Pole	9					
Yellow Birch	3	Pole	8					
Balsam Fir	3	Pole	6					
Quaking Aspen	5	Pole/Log	10					

15 4112 - Maple, Beech, Cherry Association Sawtimber Well 20.1 89 51-80 N/A Select harvested in 1995 with "Otter Siding Aspen" (11-003-95-01). Stand had aspen removed and Basal area has not recovered enough for another entry.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Tamarack	3	Pole/Log/Sap	10		Red Maple	Low	Variable	Sapling
White Pine	2	XLog	20		Quaking Aspen	Full	>20 feet	Sapling
Hemlock	5	Log	14		Balsam Fir	High	Variable	Pole
Sugar Maple	20	Pole/Log	10		White Pine	Low	Variable	Sapling
Red Maple	60	Log	12	89	Sugar Maple	Low	>20 feet	Sapling
Yellow Birch	5	Log/Pole	11		Hemlock	Low	Variable	Pole
White Spruce	5	Pole/Log	10		White Spruce	Low	Variable	Sapling

2023: Top dieback is present in most of the stand. Look to final harvest or top removal in 2035? The eastern edge is a bit better quality.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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16 4136 - Aspen, Mixed Conifer Sapling Well 4.2 7 Immature N/A Fly Voltage 11-16-15-01 cut in 2016.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	2	Pole	8		Balsam Fir	Full	Variable	Sapling
Sugar Maple	5	Sapling	1		Hemlock	Low	Variable	Sapling
White Pine	3	XLog/Log	20		Sugar Maple	Low	Variable	Pole
Black Spruce	2	Sapling	1		Red Maple	Medium	Variable	Sapling
Yellow Birch	3	Sapling	1					
Black Cherry	10	Pole	6	75				
Balsam Fir	5	Sapling	1					
Quaking Aspen	50	Sapling	1	7				
White Spruce	5	Sapling	1					
Red Maple	10	Sapling	1					
Hemlock	5	Log	14					

17 4130 - Aspen Sapling Well 9.2 25 Unspecified N/A Clearcut in 1997 with "Popple Dropple" (11-006-95-01).

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	85	Sapling/Pole	4	25
Balsam Fir	5	Sapling	2	
White Spruce	2	Sapling	2	
Tamarack	2	Sapling	2	
Black Cherry	2	Sapling	2	
Red Maple	2	Sapling	2	
White Pine	2	Sapling	1	

18 4130 - Aspen Sapling Well 51.5 25 Unspecified N/A Clearcut in 1997 with "Popple Dropple" (11-006-95-01).

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	70	Sapling	3	25
Balsam Fir	10	Sapling	3	
White Pine	5	XLog	20	
Red Maple	10	Sapling	2	
Black Cherry	5	Sapling	2	

2023: The stand still has not thinned out. Avg BA of 3".

19 6120 - Lowland Cedar Poletimber Well 33.4 93 51-80 N/A Wet ground, transitions into treed bog to the east.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	5	Log	16		Tag Alder	Full	10 - 20 feet	Tall Shrub
Ironwood	5	Pole/Log	10					
Red Maple	5	Pole	6					
Black Spruce	15	Pole	8					
Tamarack	15	Pole	9					
Balsam Fir	5	Pole	6					
Northern White Cedar	50	Pole	9	93				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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20 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Well 5.0 94 Unspecified N/A Stand has some operable ground, look at next rotation to do a species removal and set up with adjacent hardwood stands (Pits Hardwoods).

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	10	Pole/Log	10		Northern White Cedar	Low	Variable	Pole
White Pine	10	Log	12		White Pine	Low	Variable	Pole
Tamarack	20	Pole	8		Red Maple	Medium	Variable	Sapling
Red Maple	10	Pole/Log	10		Black Spruce	High	Variable	Sapling
Black Spruce	40	Pole	8	94	Balsam Fir	High	Variable	Pole

2023- Look to harvest in 2035 with adjacent hardwoods.

21 6122 - Black Spruce Sapling Poor 8.6 94 1-50 N/A Floating bog with small trees growing in.

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	5	Sapling	4	
Black Spruce	85	Sapling	4	94
Tamarack	5	Sapling	4	
White Pine	5	Pole	8	

22 4134 - Aspen, Spruce/Fir Sapling Well 29.4 7 Immature N/A Fly Voltage unit 5 cut winter/spring 2016.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Sapling	1		Black Cherry	Medium	Variable	Sapling
Quaking Aspen	59	Sapling	1	7				
White Spruce	10	Sapling	1	7				
Balsam Fir	10	Pole	6					
White Pine	5	Log	16					
Hemlock	5	Log	12					
Black Cherry	5	Pole	8					
Quaking Aspen	1	Log	16	72				

23 4112 - Maple, Beech, Cherry Association Sawtimber Well 83.2 89 81-110 N/A Selection harvested in 2005 with "Pits Hardwoods" (11-014-05-01).

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	50	Log	12	89	Balsam Fir	Medium	Variable	Sapling
White Pine	5	XLog	20		Quaking Aspen	Low	10 - 20 feet	Sapling
Yellow Birch	5	Pole/Log	10		Sugar Maple	High	10 - 20 feet	Sapling
White Spruce	3	Pole/Log	10					
Hemlock	5	Log	16					
Red Maple	30	Log	12					
Black Ash	2	Pole/Log	10					

2023: BA is running 100-110.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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24 6139 - Mixed Lowland Forest Poletimber Poor 53.3 72 Unspecified N/A Beaver activity along stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	5	Pole	6		Balsam Fir	Full	Variable	Sapling
White Pine	10	XLog	20		Northern White Cedar	Low	Variable	Pole
Black Cherry	20	Pole	6		Red Maple	Low	Variable	Sapling
Yellow Birch	5	Pole	8					
White Spruce	15	Pole/Log	10					
Red Maple	20	Pole	8					
Balsam Fir	25	Pole	8	72				

25 6233 - Wet Meadow Nonstocked 22.0 Unspecified No Old beaver flooding.

26 500 - Water Nonstocked 1.6 Unspecified No

27 6131 - Hemlock, White Pine, Maple, Birch Poletimber Well 2.1 60 111-140 N/A most of stand (east) was acquired in 2017.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	5	Pole/Log	10		Sugar Maple	Low	Variable	Sapling
Red Maple	25	Pole	6	60	Red Maple	Full	Variable	Sapling
Hemlock	25	Pole/Log	10		Hemlock	Full	Variable	Pole
Balsam Fir	5	Pole	8		Quaking Aspen	Low	10 - 20 feet	Sapling
Yellow Birch	10	Pole	8					
Quaking Aspen	5	Log	12					
Northern White Cedar	10	Pole	6					
Black Spruce	10	Pole	8					
Sugar Maple	2	Pole	6					
White Pine	3	Log	16					

28 500 - Water Nonstocked 2.2 Unspecified No



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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29 4136 - Aspen, Mixed Conifer Sapling Well 143.9 5 Immature N/A Fly Voltage 11-16-15-01 cut in 2019.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	5	Sapling	1		Red Maple	Medium	Variable	Sapling
White Pine	3	XLog/Log	20		Hemlock	Low	Variable	Sapling
Red Maple	10	Sapling	1		Balsam Fir	Full	Variable	Sapling
Hemlock	5	Log	14		Sugar Maple	Low	Variable	Pole
Yellow Birch	3	Sapling	1					
Black Cherry	10	Pole	6	75				
Balsam Fir	5	Sapling	1					
White Spruce	5	Sapling	1					
Northern White Cedar	2	Pole	8					
Quaking Aspen	50	Sapling	1	5				
Black Spruce	2	Sapling	1					

30 6130 - Fir, Aspen, Maple Poletimber Well 4.9 91 111-140 N/A Was acquired in 2017 from Keweenaw Land Company.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	5	Pole/Log	10		Quaking Aspen	Low	10 - 20 feet	Sapling
Black Spruce	2	Pole	8		Sugar Maple	Low	Variable	Sapling
Sugar Maple	20	Pole/Log	10		Red Maple	Full	Variable	Sapling
White Pine	3	Log	16		Hemlock	Full	Variable	Pole
Northern White Cedar	3	Pole	10					
Yellow Birch	2	Pole/Log	10					
Balsam Fir	5	Pole	8					
Quaking Aspen	5	Log	12					
Red Maple	30	Pole/Log	10	91				
Hemlock	25	Pole/Log	10					

31 4112 - Maple, Beech, Cherry Association Poletimber Medium 7.7 103 81-110 N/A Fly Voltage 11-16-15-01 cut in 2019.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	2	Pole	8		Sugar Maple	Full	Variable	Sapling
Quaking Aspen	5	Log	16		Balsam Fir	High	Variable	Sapling
White Spruce	5	Log	14		Ironwood	Medium	Variable	Pole
Black Cherry	10	Pole/Log	10					
Sugar Maple	50	Pole/Log	10	103				
Yellow Birch	3	Pole	8					
Red Maple	25	Pole/Log	10					

2023: Should be ready for harvest in 2035.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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32 6122 - Black Spruce Poletimber Well 17.2 111 Unspecified N/A Ripaian Cooridor to small pond.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Tamarack	30	Pole/Log	10		Black Spruce	Medium	Variable	Sapling
White Pine	10	Log	16		Red Maple	Low	Variable	Sapling
Northern White Cedar	10	Pole	8					
Black Spruce	50	Pole	8	111				

33 4119 - Mixed Northern Hardwoods Poletimber Medium 5.4 74 81-110 N/A Fly Voltage 11-16-15-01 cut in 2019.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	10	Pole/Log	10		Balsam Fir	Full	Variable	Sapling
Quaking Aspen	3	Log	12		Sugar Maple	Low	Variable	Sapling
White Pine	2	Log	16		Red Maple	Low	Variable	Sapling
Sugar Maple	15	Pole/Log	10					
Balsam Fir	10	Pole	8					
Yellow Birch	5	Pole	8					
Red Maple	45	Pole	8	74				
Black Cherry	10	Pole	8					

34 500 - Water Nonstocked 1.5 Unspecified No

35 6129 - Mixed Coniferous Lowland Forest Poletimber Well 14.4 95 Unspecified N/A Stand is a Riparian buffer to small pond.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	30	Pole	8	95	White Pine	Low	Variable	Sapling
Northern White Cedar	5	Pole/Log	10		Red Maple	Low	Variable	Sapling
Tamarack	25	Pole	8		Balsam Fir	High	Variable	Sapling
Yellow Birch	5	Pole	6		Northern White Cedar	Low	Variable	Pole
Quaking Aspen	5	Pole/Log	10		Black Spruce	Medium	Variable	Pole
White Pine	15	Log	14					
White Spruce	5	Pole/Log	10					
Red Maple	5	Pole	8					
Hemlock	5	Log	16					

36 3103 - Rubus-Fern Nonstocked 9.9 Unspecified No Power line R-O-W.

Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	Trace		Seeding
White Spruce	Trace		Seeding
Balsam Fir	Trace		Sapling
Sugar Maple	Low		Seeding



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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37 6129 - Mixed Coniferous Lowland Forest Poletimber Poor 58.8 82 Unspecified N/A

Canopy Species	% Cover	Size Class	DBH	Age
Tamarack	30	Pole	5	
Paper Birch	5	Sapling	2	
Northern White Cedar	20	Sapling/Pole	4	
White Pine	10	Pole	6	
Black Spruce	35	Sapling/Pole	4	82

38 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Well 5.3 111 Unspecified N/A Thin through this stand in 2025 with adjacent hdwds stand.

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	25	Pole	8	
Northern White Cedar	30	Pole/Log	10	111
White Pine	5	Log	16	
Hemlock	10	Log	16	
Yellow Birch	5	Pole	6	
White Spruce	10	Pole/Log	10	
Red Maple	15	Pole	6	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	Variable	Sapling
Yellow Birch	Low	Variable	Pole
Balsam Fir	High	Variable	Sapling
Black Spruce	Medium	Variable	Sapling
White Spruce	Low	Variable	Sapling
Northern White Cedar	Low	Variable	Pole

39 4112 - Maple, Beech, Cherry Association Poletimber Medium 25.0 93 81-110 N/A Fly Voltage 11-16-15-01 cut in 2019

Canopy Species	% Cover	Size Class	DBH	Age
White Spruce	5	Log	14	
Quaking Aspen	5	Log	16	
Black Cherry	10	Pole/Log	10	
Yellow Birch	3	Pole	8	
Sugar Maple	50	Pole/Log	10	93
Paper Birch	2	Pole	8	
Red Maple	25	Pole/Log	10	

Sub-Canopy Species	Density	Avg. Height	Size
Ironwood	Medium	Variable	Sapling
Sugar Maple	High	Variable	Sapling
Balsam Fir	High	Variable	Sapling

41 6121 - Tamarack Sapling Medium 12.8 82 Unspecified N/A Treed bog

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	10	Sapling	2	
Tamarack	60	Pole/Sapling	4	82
Northern White Cedar	20	Sapling	2	
White Pine	10	Sapling	2	

45 500 - Water Nonstocked 8.5 Unspecified No Lake Fifteen.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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46	429 - Mixed Upland Conifers	Sawtimber Well	4.5	112	111-140	N/A	Stand was excluded from adjacent Hdws sale last rotation, but should be select harvested next rotation to open up some of the White Pine and encourage regeneration.
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Canopy Species	% Cover	Size Class	DBH	Age
Yellow Birch	5	Pole	8	
Northern White Cedar	15	Pole/Log	10	
Hemlock	15	Log	16	
Black Spruce	5	Pole	8	
Red Maple	10	Pole	8	
White Pine	50	Log	16	112

Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	Low	Variable	Sapling
Hemlock	Low	Variable	Sapling
Balsam Fir	Medium	Variable	Sapling
Northern White Cedar	Medium	Variable	Pole
Red Maple	Medium	Variable	Pole

47	6122 - Black Spruce	Poletimber Well	5.8	82	Unspecified	N/A	Wet ground and small acreage. A good stand to leave for diversity.
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Pole/Log	10	
Yellow Birch	5	Pole/Log	10	
White Pine	15	Log	16	
Northern White Cedar	20	Log	14	
Black Spruce	50	Pole	8	82
Hemlock	5	Log	16	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	High	Variable	Sapling
Black Spruce	Medium	Variable	Pole
Northern White Cedar	Low	Variable	Sapling

48	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	2.9	84	51-80	N/A	Wet Ground.
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Canopy Species	% Cover	Size Class	DBH	Age
White Pine	5	XLog	20	
White Spruce	5	Pole/Log	10	
Yellow Birch	10	Pole	6	
Red Maple	55	Pole	6	84
Hemlock	5	Log	16	
Northern White Cedar	10	Pole	8	
Black Spruce	10	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	Low	Variable	Sapling
Balsam Fir	Medium	Variable	Sapling
Northern White Cedar	Low	Variable	Pole
Red Maple	Full	Variable	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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49 4119 - Mixed Northern Hardwoods Sawtimber Well 340.6 101 111-140 N/A Selection harvested of from 2007-2012 with two different sales. The north part was "Salt Block Hdwds" (11-015-05-01) and the south part was "Redd Finn Hdwds" (11-016-05-01). Stand will be ready for another treatment in 2025.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	20	Pole/Log	10		Sugar Maple	High	Variable	Sapling
Hemlock	5	Log	14		Red Maple	Medium	Variable	Sapling
Yellow Birch	2	Pole/Log	10		Quaking Aspen	Low	10 - 20 feet	Sapling
Black Cherry	5	Pole/Log	10		Balsam Fir	Medium	Variable	Sapling
Basswood	5	Log	12		Black Cherry	Low	10 - 20 feet	Sapling
Red Oak	5	Log	14					
White Spruce	2	Pole/Log	10					
Balsam Fir	2	Pole	8					
Sugar Maple	50	Pole/Log	10	101				
White Pine	2	XLog	20					
Northern White Cedar	2	Pole/Log	10					

2023: The BA is 110-120. The outer part of the loop road seems to have a bit better stocking. Concentrate on marking larger diameter trees that will loose quality. Maybe contract mark "Salt Block"

50 6233 - Wet Meadow Nonstocked 15.7 Unspecified No Lots of beaver activity.

51 4112 - Maple, Beech, Cherry Association Sawtimber Well 37.4 91 111-140 N/A Selection harvested last rotation with "Salt Block Hdwds" (11-015-05-01). Stand will be ready for another treatment in 2025.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	2	XLog/Log	20		Red Maple	Medium	Variable	Sapling
Red Maple	35	Log	12		Hemlock	Low	Variable	Pole
Sugar Maple	50	Log	12	91	Sugar Maple	Medium	Variable	Sapling
Yellow Birch	5	Pole/Log	10		Balsam Fir	Medium	Variable	Sapling
White Spruce	3	Pole/Log	10					
Hemlock	5	Log	16					

2023: BA is 110-120.

52 6129 - Mixed Coniferous Lowland Forest Poletimber Well 36.4 82 Unspecified N/A Wet ground, trees are stunted.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	25	Pole/Sapling	4	82	Black Spruce	Medium	Variable	Sapling
Northern White Cedar	20	Pole	6		Tamarack	Medium	Variable	Sapling
Tamarack	20	Pole	6		Northern White Cedar	Medium	Variable	Sapling
Hemlock	10	Pole/Log	10		Red Maple	Low	Variable	Sapling
Red Maple	10	Pole/Sapling	4					
White Pine	5	Log	16					
White Spruce	5	Pole	8					
Yellow Birch	5	Pole/Sapling	4					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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53 4130 - Aspen Sapling Well 9.8 13 Unspecified N/A Clear cut in 2010 with "Redd Finn Hdwds" (11-016-05-01).

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	83	Sapling	1	13
Balsam Fir	2	Pole	6	
Northern White Cedar	5	Pole/Log	10	
Hemlock	5	Log	14	
White Pine	3	Log	16	
White Spruce	2	Pole/Log	10	

54 6230 - Cattail Nonstocked 16.8 Unspecified No Old beaver flooding.

55 6129 - Mixed Coniferous Lowland Forest Poletimber Medium 27.2 65 Unspecified N/A

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Sapling/Pole	4	
Paper Birch	5	Sapling	2	
Black Spruce	25	Sapling	2	
Tamarack	35	Pole/Sapling	5	65
Northern White Cedar	10	Sapling	3	
White Pine	15	Pole/Sapling	5	

56 6225 - Bog Nonstocked 9.4 Unspecified No

58 42350 - Upland Hemlock Sawtimber Well 13.8 112 171-200 N/A Leave for diversity, Stand is unique.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	5	Pole	6	
Black Spruce	5	Pole	8	
Northern White Cedar	5	Pole	8	
White Pine	5	XLog	20	
White Spruce	5	Log	12	
Yellow Birch	5	Pole/Log	10	
Sugar Maple	5	Log	14	
Hemlock	55	Log	14	112
Red Maple	10	Pole/Log	10	

Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	High	Variable	Pole
Northern White Cedar	Low	Variable	Pole



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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60 4112 - Maple, Beech, Cherry Association Sawtimber Well 14.3 66 111-140 N/A Acquired in 2017.

Canopy Species	% Cover	Size Class	DBH	Age
Yellow Birch	5	Pole	8	
Sugar Maple	39	Log/Pole	11	
Black Ash	1	Pole/Log	8	
Hemlock	5	Log	17	
Red Maple	45	Log/Pole	11	66
Black Cherry	5	Log	10	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Full	Variable	Sapling
Sugar Maple	Full	Variable	Sapling
Balsam Fir	Medium	>20 feet	Sapling
Hemlock	Medium	Variable	Sapling

2023: Ready for harvest - hold to balance acreage with this side of the compartment. Cut in 2035.

61 6131 - Hemlock, White Pine, Maple, Birch Poletimber Well 21.4 60 111-140 N/A Most of the stand was acquired in 2017. Wet ground.

Canopy Species	% Cover	Size Class	DBH	Age
Yellow Birch	10	Pole	8	
Balsam Fir	5	Pole	8	
Black Spruce	10	Pole	8	
Northern White Cedar	10	Pole	6	
Red Maple	25	Pole	6	60
Hemlock	25	Pole/Log	10	
Quaking Aspen	5	Log	12	
Sugar Maple	2	Pole	6	
White Pine	3	Log	16	
White Spruce	5	Pole/Log	10	

Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	Full	Variable	Pole
Quaking Aspen	Low	10 - 20 feet	Sapling
Red Maple	Full	Variable	Sapling
Sugar Maple	Low	Variable	Sapling

63 4115 - Y.Birch, Hemlock NH Sawtimber Well 9.6 101 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Red Oak	2	Log	16	
White Pine	5	XLog	20	
Black Cherry	2	Pole/Log	10	
Yellow Birch	3	Pole	8	
Sugar Maple	40	Log/Pole	12	101
Hemlock	25	Log	12	
Red Maple	20	Pole	9	
White Spruce	3	Pole/Log	10	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Medium	Variable	Sapling
Red Maple	Medium	Variable	Sapling
Hemlock	High	Variable	Pole
Balsam Fir	High	Variable	Sapling
White Pine	High	Variable	Sapling
Quaking Aspen	Medium	>20 feet	Sapling

Selection harvested in 1995 with "Otter Aspen" (11-003-95-01). South 1/3 of stand in not ready due to high hemlock residual BA and should be excluded from treatment area, also some areas along clearcut edge are not ready due to aspen removal and should also be excluded from the treatment area. Stand split from stand 1 on 5/18/17

64 4312 - Hemlock, Mixed Deciduous Poletimber Well 8.8 66 81-110 N/A Acquired in 2017. some wet areas

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	15	Pole/Log	9	
Hemlock	45	Log/Pole	14	66
Red Maple	40	Pole/Log	9	66

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	High	Variable	Sapling
Balsam Fir	Medium	10 - 20 feet	Sapling
Red Maple	High	Variable	Sapling
Hemlock	High	Variable	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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65	4115 - Y.Birch, Hemlock NH	Poletimber Well	13.9	66	81-110	N/A	Acquired in 2017. Poor quality, avg diameter of about 8".
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	40	Pole	8	66	Sugar Maple	Full	Variable	Sapling
Black Cherry	4	Pole	8		Red Maple	Full	>20 feet	Sapling
Yellow Birch	10	Pole	8		Yellow Birch	High	Variable	Sapling
Sugar Maple	25	Pole	8		White Pine	Medium	>20 feet	Sapling
White Pine	1	XLog	18		White Spruce	High	>20 feet	Sapling
Hemlock	20	Log/Pole	15		Balsam Fir	High	>20 feet	Sapling
					Hemlock	High	Variable	Sapling