



Compartment Review Presentation

Baraga Forest Management Unit

Compartment 11021

Entry Year 2024

Acreage: 2,941

County Baraga

Management Area: Michigamme Highlands

Stand Examiner: Fred Hansen

Legal Description:

T48N R32W Sec 8, 17, 18, 20, 21; T48N R33W Sec 12, 13, 24

Identified Planning Goals:

Covington / Ned Lake.

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

Soil and topography:

The compartment is level to rolling. Soils are Champion cobbly silt loam, Michigamme cobbly silt loam, Witbeck and Tacoosh mucks.

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

Most of the adjacent land is owned by the forest industry.

Unique Natural Features:

Pelkie and Tioga Creeks flow through this compartment. The Tioga Roadside Park is on the north border of the compartment and US – 41. An unused railroad runs through the middle of this compartment as well as a power line. There is also a gas line on the south edge of this compartment (Northern Natural Gas).

Archeological, Historical, and Cultural Features:

None listed.

Special Management Designations or Considerations:

None listed.

Watershed and Fisheries Considerations:

Pelkie and Tioga Creeks are narrow rocky trout streams. Normal BMP's should be followed.

Wildlife Habitat Considerations:

Compartment 21 is found in the Covington/Ned Lake Management Area which is mostly Ground Moraines in Southern Baraga County. The dominant forest communities are mesic northern forests and conifer swamps. This management area receives significant snowfall each year and does not offer wintering habitat for deer. As a result, many tree species that do not reliably recruit across all management areas in the ecoregion are found in numerous age classes across this management area. It is also in the heart of the Western Upper Peninsula moose country due to the spatial arrangement of lowlands and uplands conifer forests that provide summer and winter thermal cover near aspen, hardwood and aquatic feeding sites. Compartment 21 in particular provides some excellent movement corridors and feeding and loafing sites for moose.

The following have been identified, as featured species for the Covington/Ned Lake Management Area: American Marten, Black Bear, Gray Jay, Moose, and Northern Goshawk.

Mineral Resource and Development Concerns and/or Restrictions

Compartment 21: Sections 8, 17-18, & 20, T48N-R32W and sections 12-13, T48N-R33W, Baraga County
The nearest active sand/gravel pit is located one mile to the west. Other former pits occur in the area west of the compartment. Much of the compartment appears to consist of wetlands, but there should be sand & gravel potential on the uplands. Potential for metallic and critical minerals in this area is not well known. The Michigamme Formation, which underlies the compartment, has been broadly identified as having potential for both, but there has been limited documented mineral exploration or detailed mapping in this vicinity. Available geophysical data suggests there may be iron ore potential beneath the compartment, but it may be too deep to be economical. No active State mineral leases or nominations exist in the area, but there has been leasing in the past. There is no potential for economic oil and gas production in the UP. The State does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, reasonable access to the surface must be provided to private owners if they choose to explore or

develop their mineral rights.

Vehicle Access:

US 41 / M 28 form the north edge of the compartment. The King Lake county road provides some access. The remainder of the access is from old logging roads.

Survey Needs:

No survey work will be needed to facilitate timber harvest activities.

Recreational Facilities and Opportunities:

The state has a future interest in the rail road grade running through the compartment.

Fire Protection:

This is not a fire prone area.

Additional Compartment Information:

Northern Natural Gas
Daniel Gorman
651-497-5805

The following reports from the Inventory are attached:

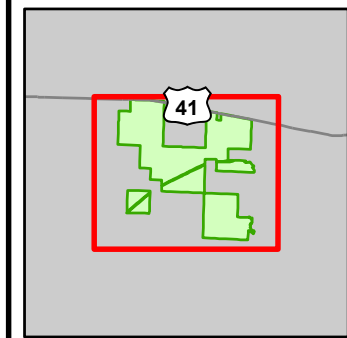
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

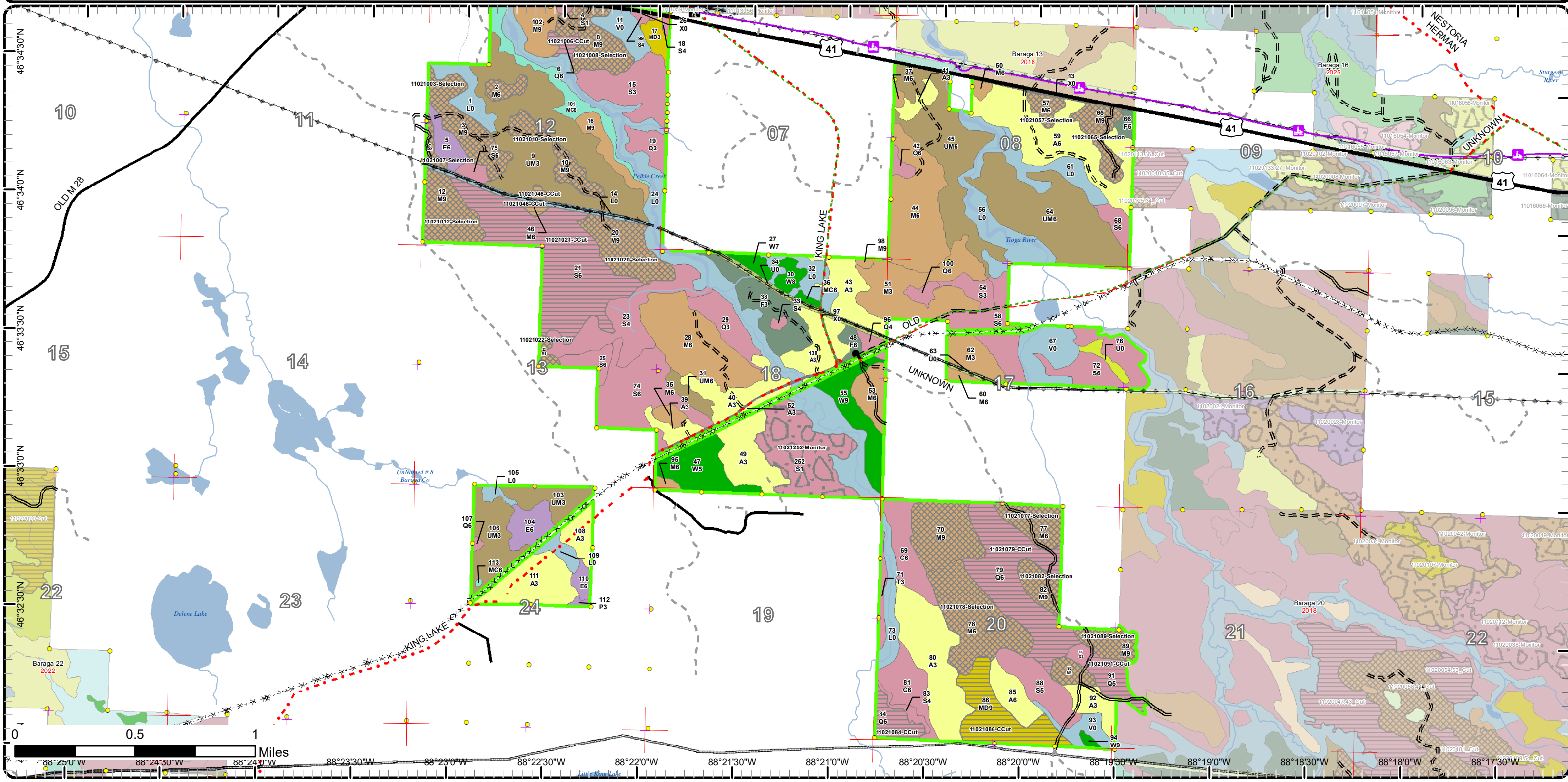
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 21
 T48N, R33W, Sec: 12, 13, 24
 T48N, R32W, Sec: 8, 17, 18, 20
 County: Baraga
 Unit: Baraga
 Mgmt Area: Covington-Ned Lake
 YOE: 2024
 Acres: 2788.1 GIS Calculated
 Examiner: Fred Hansen
 Map Revised: 1/6/2023
 Map Phase: Post Review

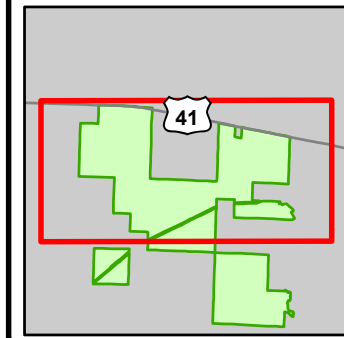


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
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- Snowmobile Trails
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- Lake/Pond
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- Pipeline
- Powerline
- Compartment Boundary
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Regeneration Survey
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 122 - Roads/Parking Lot
- 320 - Upland Shrub
- 330 - Low Density Trees
- 622 - Lowland Shrub

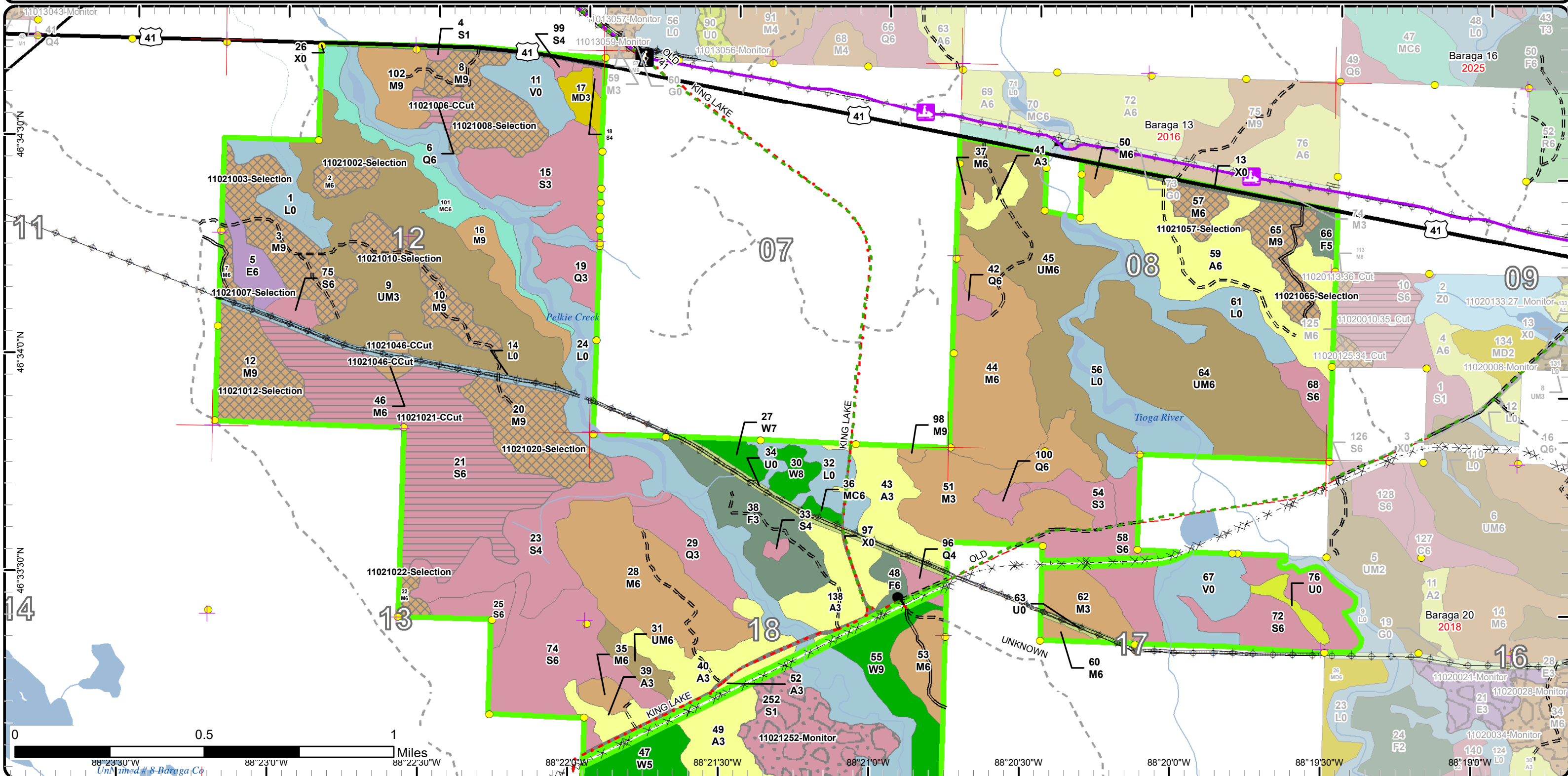


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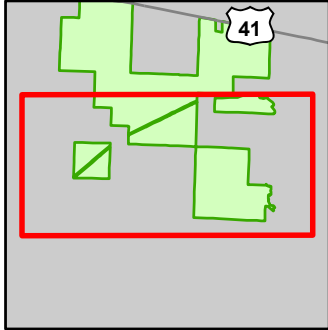
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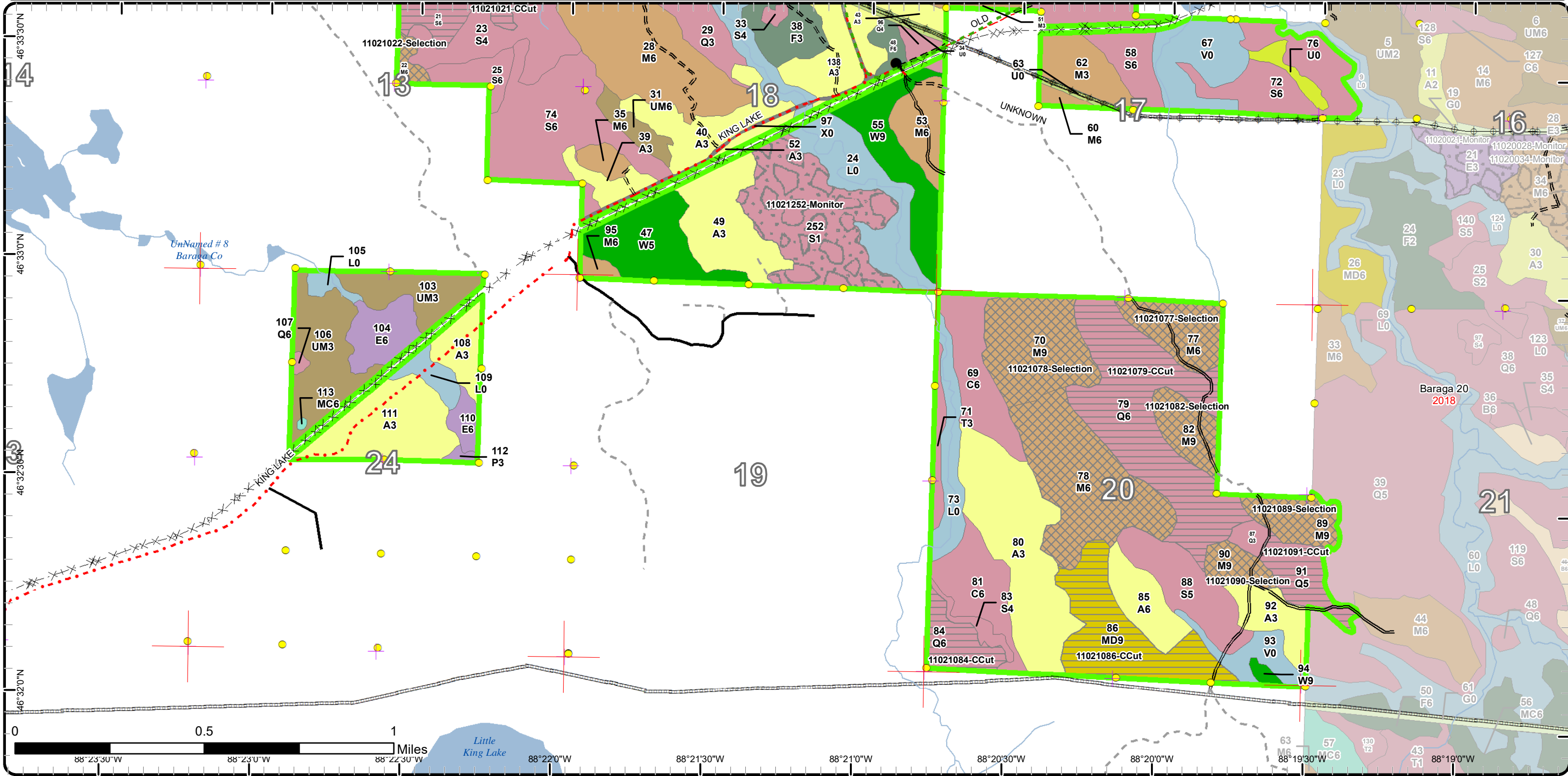
Unimproved Baraga Co

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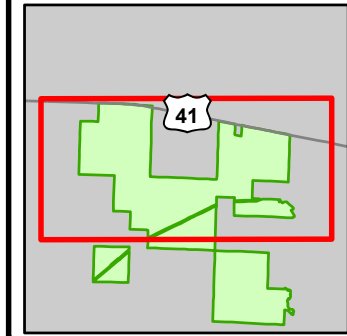


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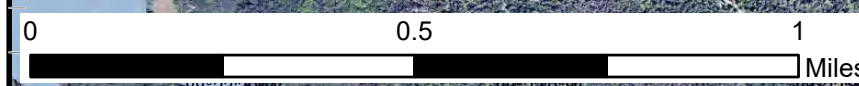
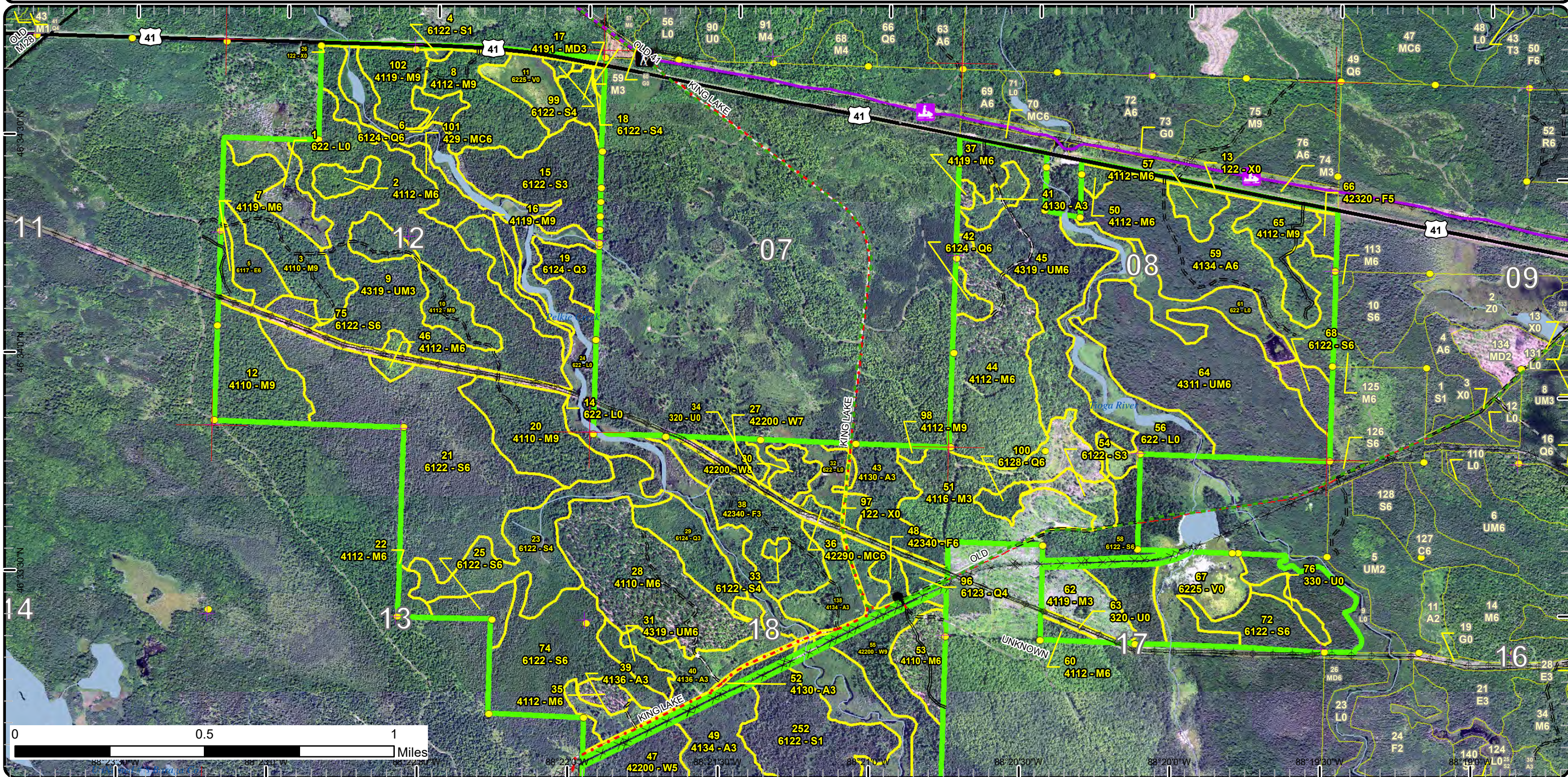
Stand Boundary Map

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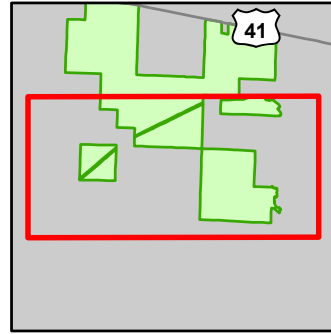
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88°23'30"W 88°22'30"W 88°21'30"W 88°20'30"W 88°20'00"W 88°19'30"W
 46°33'30"N 46°32'30"N 46°31'30"N 46°30'30"N

Stand Boundary Map

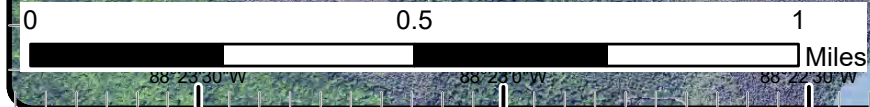
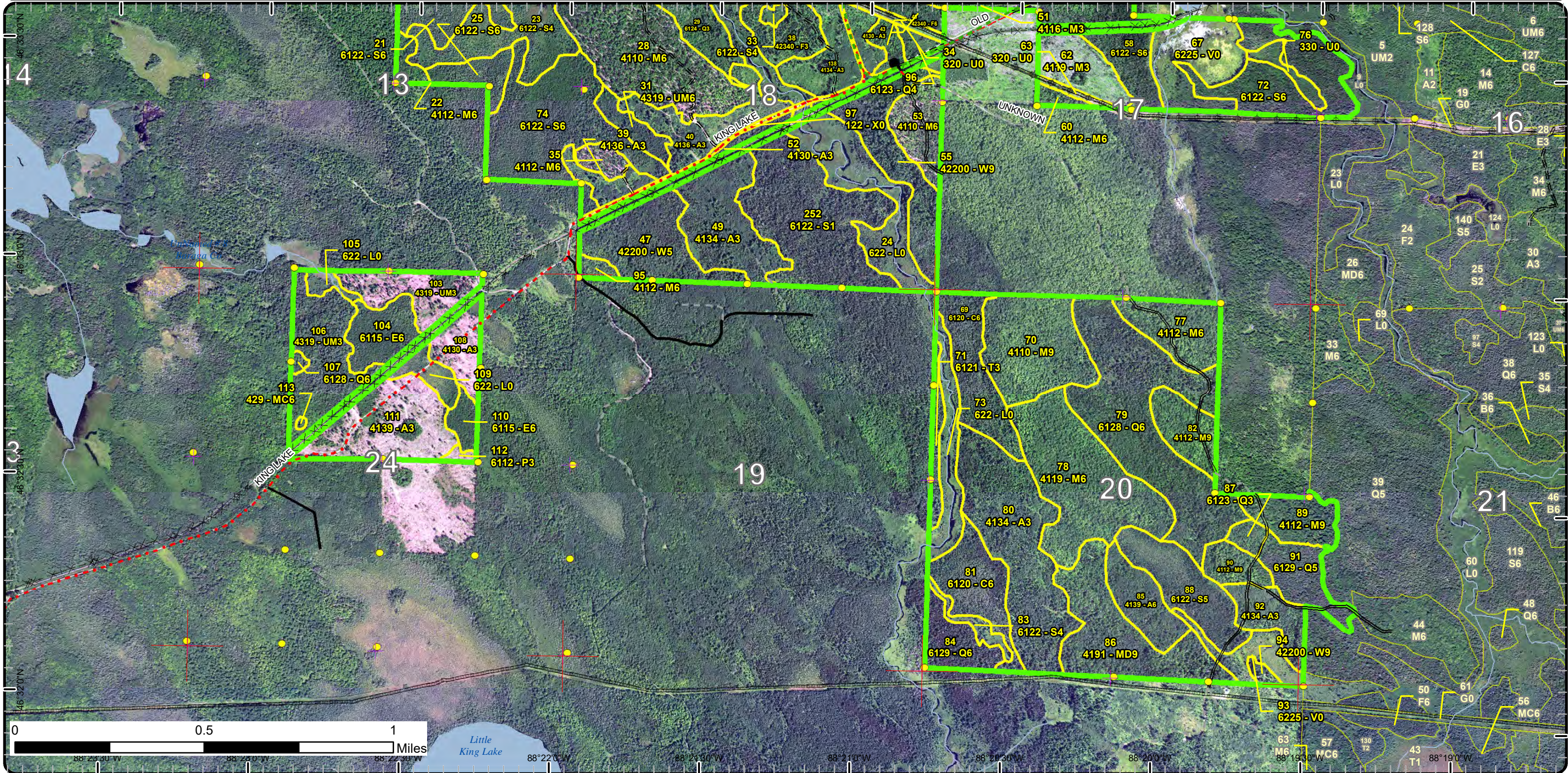
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Remonumented Section Corners	Perennial River	DNR - Secondary Forest Road	Stand Boundaries
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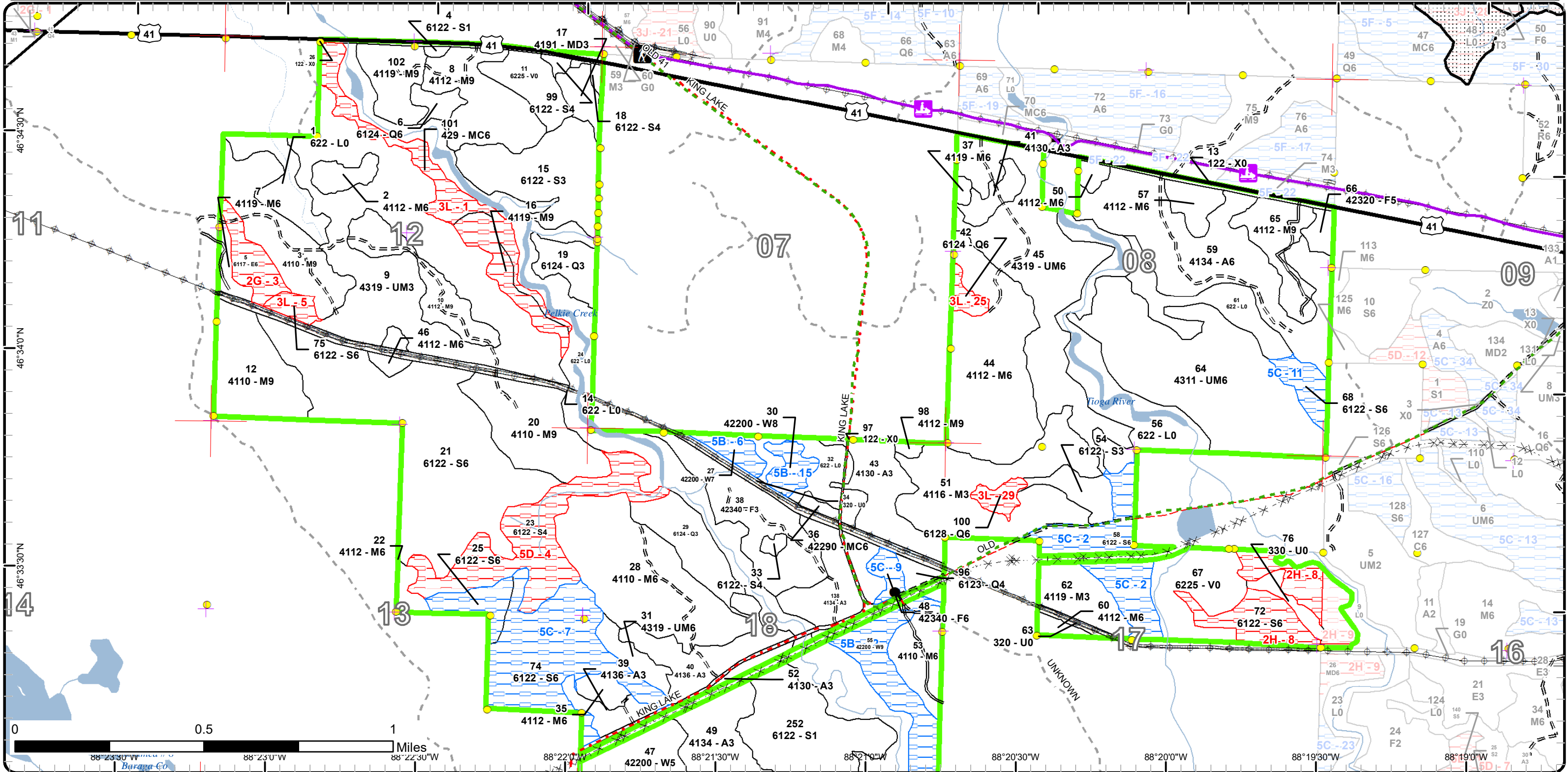
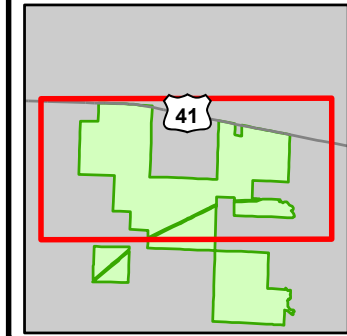
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Special Conservation Areas

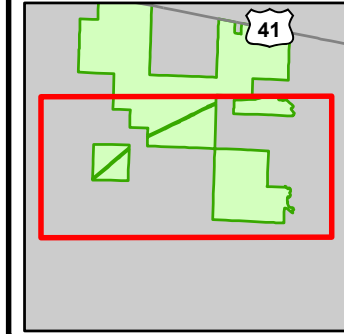
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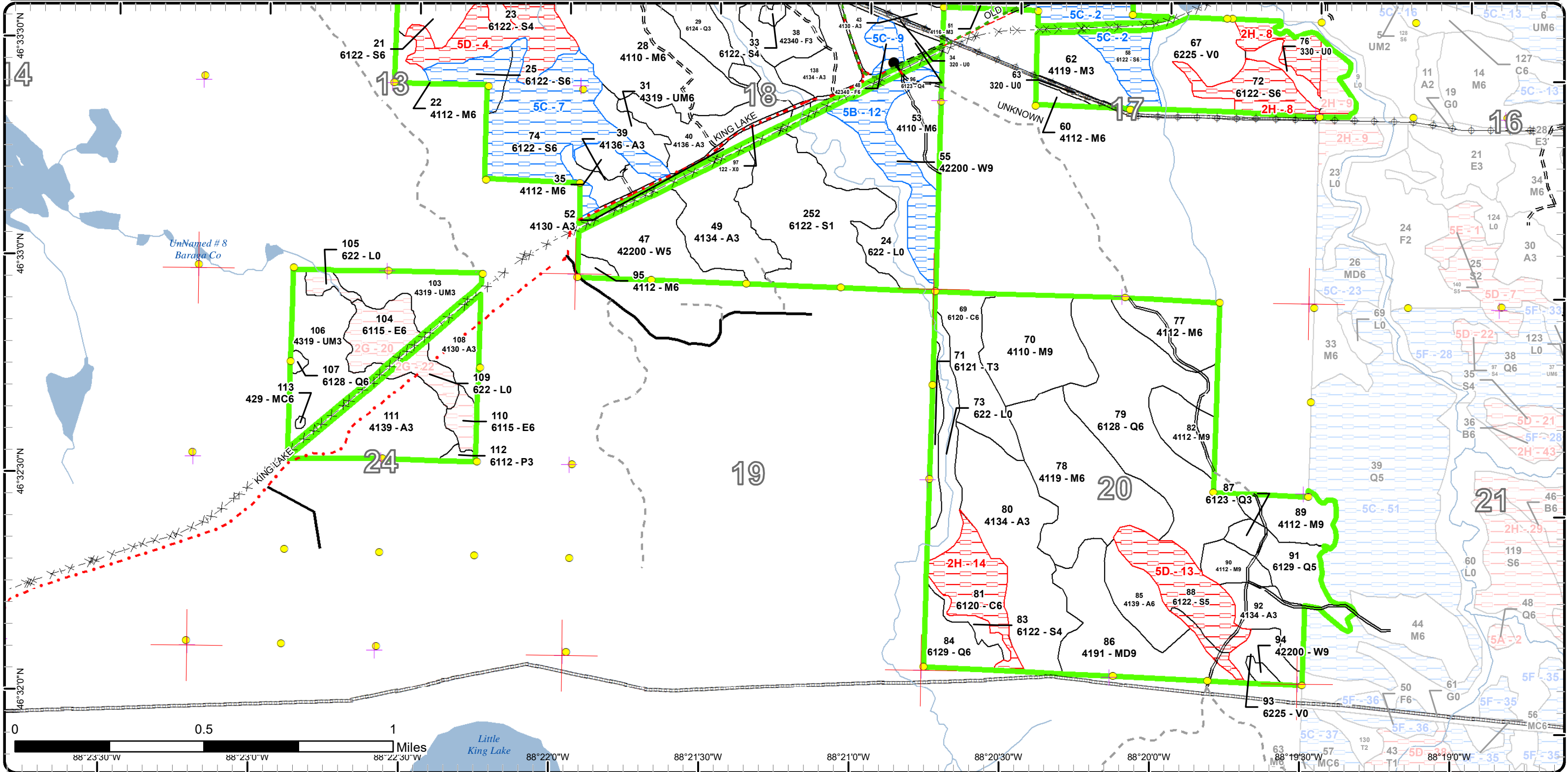
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- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3L: Other wildlife concerns
- 5D: Unproductive Forest Land
- Stand Boundaries
- SCA
- Cold Water Streams
- Cold Water Lakes

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- Compartment Boundary
- Available w/ Constraints
- 5B: Maintain for regeneration purposes
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 5D: Unproductive Forest Land
- Stand Boundaries
- Cold Water Streams
- Cold Water Lakes



Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	133	69	144	0	100	0	0	0	0	0	0	0	0	0	0	0	0	445
Bog	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	78
Cedar	0	0	0	0	0	0	0	0	0	0	26	0	28	0	0	0	0	0	54
Herbaceous Openland	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Low-Density Trees	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Lowland Aspen/Balsam Poplar	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Lowland Conifers	0	13	0	27	0	0	0	4	0	5	22	18	7	85	0	0	0	0	181
Lowland Deciduous	0	0	0	0	0	0	0	0	0	0	6	30	0	0	0	0	0	0	36
Lowland Shrub	272	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	272
Lowland Spruce/Fir	0	120	0	0	0	0	5	0	5	0	224	156	0	0	0	0	0	0	510
Mixed Upland Deciduous	0	8	0	0	0	0	0	0	0	47	0	0	0	0	0	0	0	0	55
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
Northern Hardwood	0	109	0	0	0	0	0	0	34	0	0	0	23	0	0	0	0	556	722
Tamarack	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	7
Treed Bog	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Upland Conifers	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0	25
Upland Mixed Forest	0	185	0	0	0	191	0	0	0	0	0	0	0	0	0	0	0	0	376
Upland Shrub	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Upland Spruce/Fir	0	0	38	0	0	5	0	6	0	0	0	0	0	0	0	0	0	0	49
Urban	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
White Pine	0	0	0	0	0	0	0	0	0	2	35	47	0	0	0	0	0	0	84
Total	396	570	107	171	0	296	12	10	39	54	338	253	58	85	0	0	0	556	2944



Report 2 – Treatment Summary

Baraga Mgt. Unit

Year of Entry: 2024

Acres of Harvest

Compartment 21

Total Compartment Acres: 2,941

Commercial Harvest - 676
 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	Overstory Removal	Salvage	Other	Total Acres
Lowland Conifers	142	0	0	0	0	0	0	0	0	142
Lowland Spruce/Fir	124	0	0	0	0	0	0	0	0	124
Mixed Upland Deciduous	56	0	0	0	0	0	0	0	0	56
Northern Hardwood	5	350	0	0	0	0	0	0	0	354
Total	327	350	0	0	0	0	0	0	0	676

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	676	0	0	0	0	0	65	0	0	742
Next Step	0	0	0	0	0	0	676	0	0	676
Total	676	0	0	0	0	0	742	0	0	1418



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

70	11021078-10-New	0.0	4110 - Sugar Maple Association	Sawtimber Well	110	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</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 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>Specs:</u></p> <p><u>Next Step</u> <u>Treatments:</u></p> <p><u>Acceptable</u> Any combination of the original stand's over story species prior to harvest.</p> <p><u>Regen:</u></p> <p><u>Other</u> <u>Comment:</u> Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>											
78	11021078-11-New	0.0	4119 - Mixed Northern Hardwoods	Poletimber Well	77	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</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 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>Specs:</u></p> <p><u>Next Step</u> <u>Treatments:</u></p> <p><u>Acceptable</u> Any combination of the original stand's over story species prior to harvest.</p> <p><u>Regen:</u></p> <p><u>Other</u> <u>Comment:</u> Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>											

Approved Treatments:

2	11021002-Selection	7.5	4112 - Maple, Beech, Cherry Association	Poletimber Well	71	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</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 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>Specs:</u></p> <p><u>Next Step</u> <u>Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</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> <u>Comment:</u> Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</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
3 11021003-Selection	33.7	4110 - Sugar Maple Association	Sawtimber Well	110	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</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 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>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Any combination of the original stands over story species prior to harvest.</p> <p><u>Other Comment:</u> Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										
6 11021006-CCut	5.4	6124 - Lowland Spruce-Fir	Poletimber Well	93	51-80	Harvest	Clearcut with Retention	612 - Lowland Coniferous Forest	Even-Aged	No
<p><u>Prescription</u> Harvest all species down to 4.6 inches DBH except hemlock, red Pine, white pine, cedar. Also reserve all trees 22" Dbh or greater.</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 Regen:</u> Any combination of the original stands over story species prior to harvest.</p> <p><u>Other Comment:</u> Retention for this stand will be greater than 3% and will consist of reserve tree species.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										
7 11021007-Selection	5.3	4119 - Mixed Northern Hardwoods	Poletimber Well	71	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</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 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>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Any combination of the original stands over story species prior to harvest.</p> <p><u>Other Comment:</u> Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										



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Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
8	11021008-Selection	31.0	4112 - Maple, Beech, Cherry Association	Sawtimber Well	110	81-110	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 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> Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>											
10	11021010-Selection	24.7	4112 - Maple, Beech, Cherry Association	Sawtimber Well	110	81-110	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 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> Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>											
12	11021012-Selection	35.5	4110 - Sugar Maple Association	Sawtimber Well	110	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 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> Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>											



Standard

Standard	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
	20 11021020-Selection	38.5	4110 - Sugar Maple Association	Sawtimber Well	110	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</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 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>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> Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>											
	21 11021021-CCut	123.5	6122 - Black Spruce Poletimber	Well	93	81-110	Harvest	Clearcut with Retention	6122 - Black Spruce	Even-Aged	No
<p><u>Prescription</u> Harvest all species down to 4.6 inches DBH except hemlock, red Pine, white pine, cedar and oak. Also reserve all trees 22" Dbh or greater.</p> <p><u>Specs:</u> Exclude paper birch along boundary line for a seed source. Harvest acreage may vary due to inoperable ground.</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> Retention for this stand will be greater than 3% and will consist of reserve tree species and adjacent stands. Due to stand location and access, treatment is larger than 100 acres.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>											
	22 11021022-Selection	4.8	4112 - Maple, Beech, Cherry Association	Poletimber Well	71	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</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 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>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> Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</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
46 11021046-CCut	4.6	4112 - Maple, Beech, Cherry Association	Poletimber Well	71	51-80	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	No
<p><u>Prescription</u> Harvest all species down to 4.6 inches DBH except hemlock, red Pine, white pine, cedar and oak. Also reserve all trees 22" Dbh or greater. <u>Specs:</u> Exclude paper birch along boundary line for a seed source.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable</u> Any combination of the original stands over story species prior to harvest. <u>Regen:</u></p> <p><u>Other</u> Retention for this stand will be greater than 3% and will consist of reserve tree species and adjacent stands. <u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										
57 11021057-Selection	8.4	4112 - Maple, Beech, Cherry Association	Poletimber Well	77	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</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 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". <u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable</u> Any combination of the original stand's over story species prior to harvest. <u>Regen:</u></p> <p><u>Other</u> Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species. <u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										
65 11021065-Selection	21.0	4112 - Maple, Beech, Cherry Association	Sawtimber Well	77	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</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 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". <u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable</u> Any combination of the original stand's over story species prior to harvest. <u>Regen:</u></p> <p><u>Other</u> Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species. <u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</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
77 11021077- Selection	21.7	4112 - Maple, Beech, Cherry Association	Poletimber Well	110	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</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 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>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Any combination of the original stand's over story species prior to harvest.</p> <p><u>Other Comment:</u> Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										
78 11021078- Selection	89.1	4119 - Mixed Northern Hardwoods	Poletimber Well	77	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</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 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>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Any combination of the original stand's over story species prior to harvest.</p> <p><u>Other Comment:</u> Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										
79 11021079- CCut	101.2	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	126	81-110	Harvest	Clearcut with Retention	612 - Lowland Coniferous Forest	Even-Aged	No
<p><u>Prescription</u> Harvest all species down to 4.6 inches DBH except hemlock, red pine, white pine, cedar and oak if present. Also reserve all trees 22" Dbh or greater. Exclude paper birch along boundary line for a seed source.</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 Regen:</u> Any combination of the original stands over story species prior to harvest.</p> <p><u>Other Comment:</u> Retention for this stand will be greater than 3% and will consist of reserve tree species.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</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
82 11021082-Selection	10.9	4112 - Maple, Beech, Cherry Association	Sawtimber Well	110	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</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 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>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Any combination of the original stand's over story species prior to harvest.</p> <p><u>Other Comment:</u> Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										
84 11021084-CCut	15.8	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	93	51-80	Harvest	Clearcut with Retention	6129 - Mixed Coniferous Lowland Forest	Even-Aged	No
<p><u>Prescription</u> Harvest all species down to 4.6 inches DBH except hemlock, cedar and white pine. Also, reserve red oak if present. All yellow birch 20" DBH and greater shall Also be retained.</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 Regen:</u> Any combination of the original stand's over story species prior to harvest.</p> <p><u>Other Comment:</u> Retention for this stand will be greater than 3% and will consist of reserve tree species.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										
86 11021086-CCut	56.2	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	87	111-140	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Even-Aged	No
<p><u>Prescription</u> Harvest all species down to 4.6 inches DBH except hemlock, cedar and white pine. Also, reserve red oak if present. All yellow birch 20" DBH and greater shall also be retained.</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 Regen:</u> Any combination of the original stand's over story species prior to harvest.</p> <p><u>Other Comment:</u> Retention for this stand will be greater than 3% and will consist of reserve tree species.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</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
89 11021089- Selection	13.9	4112 - Maple, Beech, Cherry Association	Sawtimber Well	110	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 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 stand's over story species prior to harvest.</p> <p><u>Other Comment:</u> Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										
90 11021090- Selection	3.8	4112 - Maple, Beech, Cherry Association	Sawtimber Well	110	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 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 stand's over story species prior to harvest.</p> <p><u>Other Comment:</u> Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										
91 11021091- CCut	19.8	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	101	81-110	Harvest	Clearcut with Retention	6129 - Mixed Coniferous Lowland Forest	Even-Aged	No
<p><u>Prescription Specs:</u> Harvest all species down to 4.6 inches DBH except hemlock, cedar and white pine. Also, reserve red oak if present. All yellow birch 20" DBH and greater shall also be retained.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Any combination of the original stand's over story species prior to harvest.</p> <p><u>Other Comment:</u> Retention for this stand will be greater than 3% and will consist of reserve tree species.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</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
252 11021252-Monitor	65.4	6122 - Black Spruce	Sapling Poor	2	Immature	Monitoring	Natural Regen (Re-Inventory)	6122 - Black Spruce	Even-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 present 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 /2022</p>										

Total Treatment 741.7
Acreage Proposed:

Report 4 – Site Conditions

Baraga Mgt. Unit
Fred Hansen : Examiner

Compartment: 21
Year of Entry: 2024

Availability for Management

Total	Acres	Acres Avail	Acres
Acres	Available	With Condition	Not Available

Dominant Site Conditions

				5B	5C	2G	2H	3L	5D
446	445	0	0	Aspen		0	0	0	
78	74	0	4	Bog					4
54	28	0	26	Cedar				26	
5	5	0	0	Herbaceous Openland					
6	5	0	0	Low-Density Trees			0		
2	2	0	0	Lowland Aspen/Balsam Poplar			0		
180	170	0	10	Lowland Conifers				10	
36	0	0	36	Lowland Deciduous			36		
272	260	0	12	Lowland Shrub		0	12	0	
509	268	116	125	Lowland Spruce/Fir		116		39	5 80
55	55	0	0	Mixed Upland Deciduous					
2	2	0	0	Natural Mixed Pines					
723	708	0	14	Northern Hardwood				14	
7	7	0	0	Tamarack					
6	6	0	0	Treed Bog					
25	0	0	25	Upland Conifers				25	
375	375	0	0	Upland Mixed Forest		0	0		
11	11	0	0	Upland Shrub					
49	43	6	0	Upland Spruce/Fir		6			
18	18	0	0	Urban					
84	37	47	0	White Pine	47				
2,941	2,521	168	252	Total Forested Acres	47	121	48	65	54 84
	86%	6%	9%	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	3L: Other wildlife concerns	39	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: Retain for wildlife corridor and moose loafing area.							

Report 4 – Site Conditions

Baraga Mgt. Unit
Fred Hansen : Examiner

Compartment: 21
Year of Entry: 2024

2	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	36	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Wet ground, lots of black ash.							
4	Unavailable	5D: Unproductive Forest Land	51	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	3L: Other wildlife concerns	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Retain for diversity and wildlife.							
6	Available	5B: Maintain for regeneration purposes	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	71	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Look to cut in 2032 or 2044.							

Report 4 – Site Conditions

Baraga Mgt. Unit
Fred Hansen : Examiner

Compartment: 21
Year of Entry: 2024

8	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	31	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Blocked by a river to the west, river to the east and railroad tracks to the north.							
9	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Possibly cut in 2034.							
11	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Small diameter black spruce. Let grow.							
12	Available	5B: Maintain for regeneration purposes	32	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	5D: Unproductive Forest Land	33		Unspecified	Unspecified	Unspecified
Comments: D0 stand. Not sure why this flagged?							
14	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	26	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments: Wet black spruce, blocked by drainages and powerline. Also being held to balance age classes. Spruce bud work in the adjacent stand. If agreement can be reached the stand will be harvested.							

Report 4 – Site Conditions

Baraga Mgt. Unit
Fred Hansen : Examiner

Compartment: 21
Year of Entry: 2024

15	Available	5B: Maintain for regeneration purposes	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
25	Unavailable	3L: Other wildlife concerns	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Reserve for Moose loafing area.							
29	Unavailable	3L: Other wildlife concerns	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Moose loafing area.							

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 Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
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	622 - Lowland Shrub	Nonstocked	17.9		Unspecified	No	Tributary to Pelkie Creek.				
								Sub-Canopy Species	Density	Avg. Height	Size
								Black Spruce	Low	Variable	Pole

2	4112 - Maple, Beech, Cherry Association	Poletimber Well	7.5	71	81-110	N/A	Pelkie Creek Hdws 11-007-04-01. Cut in 2006.		
								Canopy Species	% Cover
	Sugar Maple	65	Pole	8	71	Balsam Fir	Medium	10 - 20 feet	Sapling
	Northern White Cedar	2	Pole	8		Black Cherry	Medium	10 - 20 feet	Sapling
	White Spruce	5	Pole	8		Red Maple	Medium	10 - 20 feet	Sapling
	Black Cherry	5	Pole	8		Sugar Maple	Medium	10 - 20 feet	Sapling
	Yellow Birch	3	Pole	8					
	Red Maple	20	Pole	8					

3	4110 - Sugar Maple Association	Sawtimber Well	36.7	110	81-110	N/A	Pelkie Creek Hdws 11-007-04-01. Cut in 2006, unit 4.		
								Canopy Species	% Cover
	Black Cherry	5	Pole/Log	10		Paper Birch	Low	>20 feet	Sapling
	Red Maple	5	Log	14		Sugar Maple	Medium	Variable	Sapling
	Sugar Maple	78	Log	14	110	Black Cherry	Low	10 - 20 feet	Sapling
	Northern White Cedar	2	Pole	8		Balsam Fir	Low	10 - 20 feet	Sapling
	White Spruce	5	Log	12					
	Yellow Birch	5	Pole/Log	10					

4	6122 - Black Spruce	Sapling Poor	1.1	93	1-50	N/A	2012: very sparse, wet black spruce. (Treed bog)					
								Canopy Species	% Cover	Size Class	DBH	Age
								Black Spruce	60	Sapling	3	93
	Northern White Cedar	40	Sapling	3								

5	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	12.8	100	81-110	N/A	2012: Very Wet. Lots of black ash in the under and overstory.		
								Canopy Species	% Cover
	Red Maple	8	Pole	8		Sugar Maple	Low	10 - 20 feet	Sapling
	Balsam Fir	15	Pole	8		Red Maple	Low	10 - 20 feet	Sapling
	Northern White Cedar	8	Pole	10		Balsam Fir	Medium	10 - 20 feet	Sapling
	White Pine	2	Log	16		Tag Alder	Low	10 - 20 feet	Tall Shrub
	Black Cherry	2	Pole	10		Black Ash	Medium	10 - 20 feet	Sapling
	Black Ash	35	Log	12	100	Yellow Birch	Low	10 - 20 feet	Sapling
	Yellow Birch	15	Log	14					
	White Spruce	15	Log	12					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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6 6124 - Lowland Spruce-Fir Poletimber Well 5.9 93 51-80 N/A 2012: Isolated lowland stand in the middle of the hardwoods.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	10	Pole	6		Black Spruce	Low	10 - 20 feet	Sapling
Paper Birch	5	Pole	8		Tag Alder	Medium	10 - 20 feet	Tall Shrub
Northern White Cedar	5	Log	12		Balsam Fir	Low	10 - 20 feet	Sapling
White Spruce	5	Pole	8		White Spruce	Low	10 - 20 feet	Sapling
Black Spruce	38	Pole	6	93	Red Maple	Low	10 - 20 feet	Sapling
Red Maple	5	Pole	8					
Black Cherry	2	Pole	8					
White Pine	25	Log	18					
Tamarack	5	Pole	8					

7 4119 - Mixed Northern Hardwoods Poletimber Well 5.3 71 81-110 N/A Pelkie Creek Hdwds 11-007-04-01, unit 5. Was cut in 2006.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	10	Pole	8		Paper Birch	Low	10 - 20 feet	Sapling
Northern White Cedar	5	Pole	8		Sugar Maple	Low	10 - 20 feet	Sapling
Black Cherry	10	Pole	8		Red Maple	Medium	10 - 20 feet	Sapling
Sugar Maple	45	Pole	8	71	Balsam Fir	Low	10 - 20 feet	Sapling
White Spruce	10	Pole	8					
Red Maple	20	Pole	8					

8 4112 - Maple, Beech, Cherry Association Sawtimber Well 33.7 110 81-110 N/A Pelkie Creek Hdwd 11-007-04-01, unit 2. Was cut in 2006.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	50	Log	12	110	Red Maple	Medium	10 - 20 feet	Sapling
Red Maple	25	Log	14		Balsam Fir	Medium	10 - 20 feet	Sapling
Yellow Birch	5	Log	16		Black Cherry	Medium	10 - 20 feet	Sapling
White Spruce	5	Log/Pole	10					
White Pine	5	Log	18					
Black Cherry	10	Log	14					

2022: stand was split. West half has low BA's and very thick regeneration.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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9	4319 - Mixed Upland Forest	Sapling Well	126.6	6	Immature	N/A	2018: Snowflea SBW cut in the winter 2017-2018. 2012: The stand has some lowland strips through it. 2022: The eastern part along Pelkie creek was left for the moose.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	10	Log/Pole	12		Hazelnut (American)	Low	10 - 20 feet	Tall Shrub
White Pine	5	XLog/Log	18	93				
Sugar Maple	5	Sapling	1	6				
Northern White Cedar	3	Pole	6					
Quaking Aspen	20	Sapling	1	6				
Paper Birch	2	Sapling	1	6				
Black Cherry	5	Pole	8					
Black Spruce	3	Sapling	1	6				
Balsam Fir	10	Sapling	1	6				
Red Maple	15	Sapling	1	6				
Tamarack	2	Sapling	1	6				
White Spruce	20	Sapling	1	6				

10	4112 - Maple, Beech, Cherry Association	Sawtimber Well	22.4	110	81-110	N/A	Pelkie Creek Hdwds 11-007-04-01, unit 7. Was cut in 2006.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	3	Log	18		Black Cherry	Medium	10 - 20 feet	Sapling
Sugar Maple	60	Log/Pole	10	110	Sugar Maple	Medium	10 - 20 feet	Sapling
Red Maple	15	Log	12		Red Maple	Medium	10 - 20 feet	Sapling
Paper Birch	2	Pole	8		Balsam Fir	Low	10 - 20 feet	Sapling
Yellow Birch	5	Log/Pole	12					
White Spruce	5	Log	14					
Black Cherry	10	Log	12					

11	6225 - Bog	Nonstocked	15.8		Unspecified	No	
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Sub-Canopy Species	Density	Avg. Height	Size
Tamarack	Low	Variable	Sapling
Black Spruce	Low	Variable	Sapling

12	4110 - Sugar Maple Association	Sawtimber Well	35.5	110	111-140	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	5	Pole/Log	10		Sugar Maple	High	Variable	Sapling
Northern White Cedar	2	Pole	8		Paper Birch	Low	>20 feet	Sapling
White Spruce	5	Log	12		Balsam Fir	Low	10 - 20 feet	Sapling
Black Cherry	5	Pole/Log	10		Black Cherry	Low	10 - 20 feet	Sapling
Sugar Maple	78	Log	14	110				
Red Maple	5	Log	14					

13	122 - Road/Parking Lot	Nonstocked	5.2		Unspecified	No	Highway 41
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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14 622 - Lowland Shrub Nonstocked 12.4 Unspecified No Power Line ROW

15 6122 - Black Spruce Sapling Well 43.5 6 Immature N/A 2018: March Madness, cut winter 2016-2017,

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	4	Sapling	1	6	Leatherleaf	Medium	< 5 feet	Tall Shrub
Balsam Fir	5	Sapling	1	6				
White Spruce	5	Sapling	1	6				
Red Maple	5	Sapling	1	6				
Red Pine	3	Log	16					
Northern White Cedar	5	Log	14					
Tamarack	5	Sapling	1	6				
Black Spruce	60	Sapling	1	6				
Paper Birch	5	Sapling	1	6				
Black Cherry	3	Sapling	1	6				

16 4119 - Mixed Northern Hardwoods Sawtimber Well 14.2 110 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	30	Log	14	110	Balsam Fir	High	Variable	Sapling
Red Maple	20	Log	12		Red Maple	Medium	10 - 20 feet	Sapling
Paper Birch	2	Pole	8		Hazelnut (American)	Medium	10 - 20 feet	Tall Shrub
Yellow Birch	10	Log/Pole	10		White Spruce	Low	10 - 20 feet	Sapling
Balsam Fir	10	Pole	8		Sugar Maple	Low	Variable	Sapling
Black Spruce	13	Pole	8					
White Spruce	15	Log	14					

17 4191 - Mixed Upland Deciduous with Conifer Sapling Well 8.2 6 Immature N/A 2018: March Madness, cut in winter 2015-2016, north part on unit 1.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	2	Sapling	1	6
Black Cherry	5	Sapling	1	6
Red Maple	28	Sapling	1	6
Quaking Aspen	3	Sapling	1	6
Balsam Fir	5	Sapling	1	6
White Spruce	15	Sapling	1	6
Northern White Cedar	2	Log	12	
White Pine	15	Log	12	
Paper Birch	25	Sapling	1	6

18 6122 - Black Spruce Poletimber Poor 2.0 93 Unspecified N/A Treed Bog.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	100	Pole/Sapling	4	93	Tag Alder	Medium	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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19	6124 - Lowland Spruce-Fir	Sapling Well	12.7	6	Immature	N/A	2018: March Madness, cut in winter 2017-18.
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Sapling	1	6
Red Pine	2	Log	14	
Paper Birch	3	Sapling	1	6
Black Cherry	2	Sapling	1	6
Balsam Fir	10	Sapling	1	6
Quaking Aspen	8	Sapling	1	6
Northern White Cedar	5	Log	12	
White Pine	20	Log	18	
Black Spruce	40	Sapling	1	6
White Spruce	5	Sapling	1	6

20	4110 - Sugar Maple Association	Sawtimber Well	38.5	110	111-140	N/A	Pelkie Creek Hdws 11-007-04-01, unit 8. Was cut in 2006.
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Log	14	
White Spruce	1	Log	12	
Northern White Cedar	1	Pole	8	
Black Cherry	5	Pole/Log	10	
Paper Birch	1	Pole	7	
Sugar Maple	77	Log	14	110
Yellow Birch	5	Pole/Log	10	

Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	Low	10 - 20 feet	Sapling
Paper Birch	Low	>20 feet	Sapling
Sugar Maple	High	Variable	Sapling
Balsam Fir	Low	10 - 20 feet	Sapling

21	6122 - Black Spruce	Poletimber Well	123.5	93	81-110	N/A	2012: Very small diameter, very wet. 2022: Most of stand is cuttable. Some areas may be excluded from treatment due to small diameter and/or to wet.
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Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	50	Pole	7	93
Northern White Cedar	8	Pole	6	
Paper Birch	5	Pole	6	
White Pine	2	Log/Pole/Sap	10	
Tamarack	30	Pole	7	
Red Maple	5	Pole	6	

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	High	10 - 20 feet	Sapling

22	4112 - Maple, Beech, Cherry Association	Poletimber Well	4.8	71	81-110	N/A	Pelkie Creek Hdws 11-008-04-01. 2012: Poor quality with lots of fir. 2022: heavy moose browse.
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Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	5	Log	12	
Yellow Birch	5	Pole	8	
White Spruce	15	Pole	10	
Red Maple	60	Pole	8	71
Black Cherry	15	Pole	8	

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



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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23	6122 - Black Spruce	Poletimber Poor	51.2	100	1-50	N/A	2022: wet, 10% water.																																					
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Tag Alder	Full	5 - 10 feet	Tall Shrub																																									

24	622 - Lowland Shrub	Nonstocked	122.1		Unspecified	No	Pilkie Creek
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25	6122 - Black Spruce	Poletimber Well	11.0	93	Unspecified	N/A	2012: Very small diameter, very wet. 2022: did not look at in 2022.																																
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26	122 - Road/Parking Lot	Nonstocked	5.8		Unspecified	No	Highway 41
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27	42200 - Natural White Pine	Sawtimber Poor	6.9	101	1-50	N/A	2020: Fish Fir 11-008-04-01. Could type as a W7/F3. Lots of large white pine. A F3 stand with white pine logs over it.																																										
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Quaking Aspen	High	5 - 10 feet	Sapling																																														

28	4110 - Sugar Maple Association	Poletimber Well	69.5	110	81-110	N/A	King Kake Hdwd 11-001-14-01. was cut in 2015.																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>75</td> <td>Log/Pole</td> <td>10</td> <td>110</td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Yellow Birch</td> <td>5</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>10</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	75	Log/Pole	10	110	Red Maple	10	Pole/Log	9		Yellow Birch	5	Log	12		Black Cherry	10	Pole/Log	9		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black Cherry</td> <td>Full</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Sugar Maple</td> <td>Full</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Spruce</td> <td>Full</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black Cherry	Full	5 - 10 feet	Sapling	Sugar Maple	Full	Variable	Sapling	Balsam Fir	Low	5 - 10 feet	Sapling	White Spruce	Full	5 - 10 feet	Sapling			
Canopy Species	% Cover	Size Class	DBH	Age																																															
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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29 6124 - Lowland Spruce-Fir Sapling Well 22.5 29 Immature N/A King's Pine, 11-013-94-01, was cut in 1994 and in 1956.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	20	Sapling	2	29	Tamarack	High	10 - 20 feet	Tall Shrub
White Spruce	10	Sapling	2	29				
Red Maple	10	Sapling	2	29				
Northern White Cedar	5	Sapling	1	29				
Northern White Cedar	5	Log	10					
Tamarack	20	Sapling	2	29				
Black Spruce	30	Sapling	1	29				

30 42200 - Natural White Pine Sawtimber Medium 8.0 101 1-50 N/A 2020: Fish Fir 11-008-04-01. Could type the stand as a W7/F3. Lots of large white pine. A F3 stand with white pine logs over it.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	90	XLog/Log	20	101	Red Maple	High	5 - 10 feet	Sapling
Red Pine	10	XLog/Log	20	101	White Pine	Medium	5 - 10 feet	Sapling
					Quaking Aspen	High	10 - 20 feet	Sapling
					Black Cherry	Medium	5 - 10 feet	Sapling
					White Spruce	High	5 - 10 feet	Sapling
					Balsam Fir	Full	5 - 10 feet	Sapling

31 4319 - Mixed Upland Forest Poletimber Well 8.6 46 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	10	Pole	5		Balsam Fir	Full	Variable	Sapling
Northern White Cedar	2	Pole	5					
Tamarack	3	Pole	5					
Balsam Fir	35	Pole	5					
White Pine	5	Log	18					
Quaking Aspen	45	Pole	5	46				

32 622 - Lowland Shrub Nonstocked 17.6 Unspecified No

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	Low	Variable	Sapling
White Pine	Low	Variable	Pole
Black Ash	Low	Variable	Pole
Tamarack	Low	Variable	Sapling

33 6122 - Black Spruce Poletimber Poor 1.9 93 1-50 N/A 2012: Small black spruce bog in the middle of a F3 stand. Leave for diversity.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	70	Pole	8	93	Tag Alder	High	5 - 10 feet	Tall Shrub
Northern White Cedar	5	Pole	8					
White Pine	5	Log	16					
Tamarack	20	Pole	8					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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34 320 - Upland Shrub Nonstocked 11.0 Unspecified No Power Line ROW.

35 4112 - Maple, Beech, Cherry Association Poletimber Well 5.9 91 81-110 N/A King hardwood, 11-007-14-01 was cut in 2015.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	10	Log	12		Red Maple	Full	Variable	Sapling
Sugar Maple	50	Pole/Log	9	91	Black Cherry	High	5 - 10 feet	Sapling
Red Maple	15	Pole/Log	9		Sugar Maple	Full	10 - 20 feet	Sapling
Black Cherry	24	Log	10		Balsam Fir	High	10 - 20 feet	Sapling
Paper Birch	1	Log	10		White Spruce	Low	Variable	Sapling

36 42290 - Natural Mixed Pine Poletimber Well 2.2 101 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age
White Spruce	5	Sapling	1	17
White Pine	5	Sapling	1	17
Balsam Fir	20	Sapling	1	17
Red Pine	10	XLog/Log	20	
Red Maple	5	Sapling	1	17
Quaking Aspen	5	Sapling	1	17
White Pine	50	XLog/Log	20	101

37 4119 - Mixed Northern Hardwoods Poletimber Well 1.9 77 81-110 N/A

Mrs Moose Mix, cut spring 2017.
2012: Poor quality hardwood island in the middle of a clear cut.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	45	Log/Pole	10	77	Sugar Maple	Low	10 - 20 feet	Sapling
Red Maple	20	Pole/Log	10		Balsam Fir	High	10 - 20 feet	Sapling
Paper Birch	10	Log	12		White Spruce	Medium	10 - 20 feet	Sapling
White Pine	10	Log	18					
Black Cherry	10	Log	12					
Yellow Birch	5	Pole/Log	10					

38 42340 - Upland Spruce/Fir Sapling Well 38.4 17 Immature N/A Fish Fir 11-008-04-01, was cut in 2006.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Sapling	1	17
Paper Birch	3	Sapling	1	17
Quaking Aspen	2	Sapling	1	17
Balsam Fir	29	Sapling	1	17
White Pine	5	Sapling	1	17
White Spruce	31	Sapling	1	17
White Pine	15	XLog/Log	20	
Tamarack	10	Sapling	1	17



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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39	4136 - Aspen, Mixed Conifer	Sapling Well	8.6	17	Immature	N/A	Fish Fir 11-008-04-01, was cut in 2006.
Canopy Species		% Cover	Size Class	DBH	Age		
Balsam Fir		18	Sapling	1	17		
White Pine		2	Sapling	1	17		
White Pine		5	XLog/Log	20			
Black Cherry		10	Sapling	1	17		
Quaking Aspen		53	Sapling	1	17		
Sugar Maple		2	Sapling	1	17		
Red Maple		10	Sapling	1	17		

40	4136 - Aspen, Mixed Conifer	Sapling Well	24.9	17	Immature	N/A	
Canopy Species		% Cover	Size Class	DBH	Age		
White Pine		2	Sapling	1	17		
Quaking Aspen		53	Sapling	1	17		
Balsam Fir		18	Sapling	1	17		
White Pine		5	XLog/Log	20			
Paper Birch		2	Sapling	1	17		
Red Maple		10	Sapling	1	17		
Black Cherry		10	Sapling	1	17		

41	4130 - Aspen	Sapling Well	8.3	17	Unspecified	N/A	Fish Fir 11-008-04-01, unit 5. Cut in 2005.
Canopy Species		% Cover	Size Class	DBH	Age		
Quaking Aspen		73	Sapling	1	17		
White Spruce		5	Sapling	1	17		
Balsam Fir		5	Sapling	1	17		
Paper Birch		2	Sapling	1	17		
Red Maple		10	Sapling	1	17		
White Pine		5	XLog/Log	20			

42	6124 - Lowland Spruce-Fir	Poletimber Well	4.6	87	81-110	N/A	2012: Isolated fir and cedar stand in the hardwoods. Leave for diversity.
Canopy Species		% Cover	Size Class	DBH	Age		
White Pine		5	Log	18			
Red Maple		20	Pole	10			
Yellow Birch		10	Pole	10			
White Spruce		15	Pole	10			
Balsam Fir		40	Pole	10	87		
Northern White Cedar		10	Pole	10			
Sub-Canopy Species		Density	Avg. Height	Size			
Tag Alder		Medium	10 - 20 feet	Tall Shrub			
Red Maple		Low	10 - 20 feet	Sapling			
Balsam Fir		Low	10 - 20 feet	Sapling			
White Spruce		Low	10 - 20 feet	Sapling			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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43	4130 - Aspen	Sapling Well	26.3	28	Immature	N/A	Tripping Stone Pulp 11-011-94-01
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Canopy Species	% Cover	Size Class	DBH	Age
Black Cherry	2	Pole	8	81
Quaking Aspen	90	Sapling	2	28
White Spruce	2	Sapling	1	28
Balsam Fir	4	Sapling	1	28
Red Maple	2	Sapling	2	28

44	4112 - Maple, Beech, Cherry Association	Poletimber Well	68.9	77	81-110	N/A	TSI cut in 1975. Mrs. Moose Mix. finish cutting in winter 2016-17. Units 1 and 2.
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Canopy Species	% Cover	Size Class	DBH	Age
Yellow Birch	2	Pole	8	
Red Maple	22	Pole	8	
Balsam Fir	2	Pole	8	
White Spruce	2	Pole	8	
Sugar Maple	45	Log/Pole	12	77
White Pine	2	XLog/Log	18	
Black Cherry	25	Log/Pole	12	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Medium	10 - 20 feet	Sapling
White Spruce	Low	10 - 20 feet	Sapling
Balsam Fir	Low	10 - 20 feet	Sapling
Sugar Maple	High	Variable	Sapling
Yellow Birch	Low	10 - 20 feet	Sapling
Black Cherry	Low	10 - 20 feet	Sapling

45	4319 - Mixed Upland Forest	Poletimber Well	82.8	44	51-80	N/A	2012: Growing nicely. Look at in 2044 to cut. Stand has patches of super canopy white pine. some patches of spruce and balsam also.
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Canopy Species	% Cover	Size Class	DBH	Age
White Pine	10	XLog	28	
Red Pine	1	Log	10	
Red Maple	2	Pole	4	44
Balsam Fir	30	Pole	5	44
Quaking Aspen	46	Pole	5	44
White Spruce	5	Pole	4	44
Tamarack	3	Pole	4	44
Black Cherry	3	Pole	4	44

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

46	4112 - Maple, Beech, Cherry Association	Poletimber Well	4.6	71	51-80	N/A	2012: Poor M6 stand with lots of dieback. Very poor quality, small acreage, isolated island.
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	47	Log	10	71
White Spruce	2	Log	12	
Sugar Maple	50	Log	10	71
Yellow Birch	1	Log	12	

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

47	42200 - Natural White Pine	Poletimber Medium	34.8	94	1-50	N/A	Railway SBW 11-023-16-01, was cut in 2017.
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Canopy Species	% Cover	Size Class	DBH	Age
White Pine	90	XLog	20	94
Black Cherry	10	Pole	6	

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



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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48 42340 - Upland Spruce/Fir Poletimber Well 5.5 63 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	1	Pole	8		Sugar Maple	Low	10 - 20 feet	Sapling
Sugar Maple	15	Pole	8		Balsam Fir	Full	10 - 20 feet	Sapling
Tamarack	1	Pole	6		Red Maple	Low	10 - 20 feet	Sapling
Red Maple	5	Pole	8					
Balsam Fir	55	Sapling/Pole	4	63				
White Spruce	12	Pole/Sapling	5					
Paper Birch	1	Pole	6					
Black Cherry	5	Pole	8					
Quaking Aspen	5	Pole	8					

49 4134 - Aspen, Spruce/Fir Sapling Well 36.2 28 Immature N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	20	Sapling	2	28	Hazelnut (American)	Low	10 - 20 feet	Tall Shrub
White Spruce	3	Sapling	2	28	White Pine	Medium	10 - 20 feet	Sapling
Quaking Aspen	55	Sapling	3	28				
White Pine	5	Sapling	2	28				
Red Maple	5	Sapling	2	28				
Paper Birch	7	Sapling	2	28				
White Pine	5	XLog/Log	20					

Kings Pine 11-013-94-01.
2012: Good mix of tree species, nice amount of white pine coming in.
White pine stand over A3.

50 4112 - Maple, Beech, Cherry Association Poletimber Well 3.3 110 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	5	Log	18		Balsam Fir	Low	10 - 20 feet	Sapling
Sugar Maple	50	Pole	6	110	Sugar Maple	Medium	10 - 20 feet	Sapling
Yellow Birch	5	Pole	6		White Spruce	Low	10 - 20 feet	Sapling
Black Cherry	15	Pole	6					
Balsam Fir	5	Pole	6					
Red Maple	20	Pole	6					

2012: Log, sapling, pole stand. Lots of overgrown timber with saplings below.
2022: Very poor quality, clear-cut in 2044 with adjacent stand.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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51	4116 - Mixed N. Hardwood - Aspen	Sapling Well	62.2	7	Immature	N/A	Mrs. Moose Mix. Cut in winter 2015-2016.
Canopy Species		% Cover	Size Class	DBH	Age		
White Spruce		5	Sapling	1	7		
White Pine		2	XLog	18	110		
Sugar Maple		36	Sapling	1	7		
Black Cherry		2	Log	12			
Red Maple		25	Sapling	1	7		
White Pine		1	Sapling	1			
Paper Birch		1	Sapling	1	7		
Yellow Birch		3	Log	10			
Quaking Aspen		20	Sapling	1	7		
Balsam Fir		5	Sapling	1	7		

52	4130 - Aspen	Sapling Well	6.0	7	Immature	N/A	Was cut in 2016.
Canopy Species		% Cover	Size Class	DBH	Age		
Balsam Fir		5	Sapling	1			
Black Spruce		3	Pole	6			
White Pine		1	XLog	18			
Quaking Aspen		80	Sapling	1	7		
Red Maple		11	Sapling	1			

53	4110 - Sugar Maple Association	Poletimber Well	17.9	81	81-110	N/A	2022: King Lake Hardwood, 11-007-2014-01, selection cut in 2015.
Canopy Species		% Cover	Size Class	DBH	Age		
Sugar Maple		75	Pole/Log	10	81		
Red Maple		10	Pole/Log	10			
Black Cherry		15	Pole/Log	10			
Sub-Canopy Species		Density	Avg. Height	Size			
Black Cherry		Low	10 - 20 feet	Sapling			
White Spruce		Low	10 - 20 feet	Sapling			
Sugar Maple		Low	Variable	Sapling			

54	6122 - Black Spruce	Sapling Well	10.4	7	Immature	N/A	Mrs. Moose Mix, cut in winter 2016. 2022: there is a drainage running through middle of stand.
Canopy Species		% Cover	Size Class	DBH	Age		
Black Spruce		58	Sapling	1	7		
Balsam Fir		3	Sapling	1	7		
Paper Birch		2	Sapling	1	7		
Tamarack		10	Sapling	1	7		
Northern White Cedar		15	Pole	10			
White Pine		2	XLog	18			
White Spruce		5	Sapling	1	7		
Red Maple		5	Sapling	1	7		
Sub-Canopy Species		Density	Avg. Height	Size			
Tag Alder		Medium	10 - 20 feet	Tall Shrub			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
55	42200 - Natural White Pine	Sawtimber Well	32.0	101	51-80	N/A	Cut in 1995, two story stand. White pine over F3. Kings Pine. 11-011-94-01.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine		100	XLog/Log	20	101	Balsam Fir	Full	>20 feet	Sapling
						Red Maple	Full	>20 feet	Sapling
56	622 - Lowland Shrub	Nonstocked	46.9		Unspecified	No	Tioga River.		
57	4112 - Maple, Beech, Cherry Association	Poletimber Well	9.1	77	111-140	N/A	2012: The cherry has some top dieback. Poor quality timber		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine		3	Log	18		Sugar Maple	High	10 - 20 feet	Sapling
Yellow Birch		5	Pole/Log	10		Red Maple	Medium	10 - 20 feet	Sapling
Black Cherry		10	Log	12		Balsam Fir	Low	10 - 20 feet	Sapling
Red Maple		35	Pole/Log	10					
White Spruce		2	Log	12					
Sugar Maple		45	Log	10	77				
58	6122 - Black Spruce	Poletimber Well	36.2	102	81-110	N/A	2012: Will be able to treat the western part of the stand. The rest is Very wet. Lots of cedar. 2022; some areas of heavy cedar. Possibly cut in 2044. Leave buffer along east side, south of tracks for wildlife corridor.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		5	Pole	10		Red Maple	Low	10 - 20 feet	Sapling
Paper Birch		2	Pole	10		Balsam Fir	Low	10 - 20 feet	Sapling
Balsam Fir		3	Pole	8		Black Spruce	Low	10 - 20 feet	Sapling
Black Spruce		60	Pole	8	102	Tag Alder	Medium	10 - 20 feet	Tall Shrub
White Spruce		5	Pole	10					
Northern White Cedar		15	Pole	10					
Tamarack		10	Pole	10					
59	4134 - Aspen, Spruce/Fir	Poletimber Well	81.0	44	81-110	N/A	2012: Growing nicely, look at in 2044 to cut. Some patches of super canopy white pine. Some scattered patches of spruce and balsam. The western part of the stand had white spruce hand planted in 1980.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir		15	Pole	4	44	Balsam Fir	Full	10 - 20 feet	Sapling
White Spruce		10	Pole	4	43				
Quaking Aspen		70	Pole	4	44				
White Pine		5	XLog/Log	20	101				



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	Poletimber Well	3.3	81	81-110	N/A	Mrs. Moose Mix, cut in 2015-2016.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	2	Pole	7		Balsam Fir	Low	10 - 20 feet	Sapling
Yellow Birch	5	Pole	6		Black Cherry	Low	10 - 20 feet	Sapling
Quaking Aspen	1	Pole	6		Yellow Birch	Medium	Variable	Sapling
Paper Birch	1	Pole	6		Sugar Maple	High	10 - 20 feet	Sapling
Sugar Maple	76	Log/Pole	10	81				
Red Maple	15	Log/Pole	10					

61	622 - Lowland Shrub	Nonstocked	23.3		Unspecified	No	Tributary to Tioga Creek.
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Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Full	5 - 10 feet	Tall Shrub
Tamarack	Low	Variable	Pole
Black Spruce	Low	Variable	Pole

62	4119 - Mixed Northern Hardwoods	Sapling Well	18.5	7	Immature	N/A	Mrs. Moose Mix. cut 2015-2016
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Canopy Species	% Cover	Size Class	DBH	Age
Yellow Birch	5	Sapling	1	7
Quaking Aspen	13	Sapling	1	7
Black Cherry	15	Sapling	1	7
Paper Birch	2	Sapling	1	7
Sugar Maple	45	Sapling	1	7
White Spruce	2	Sapling	2	
Red Maple	13	Sapling	1	7
White Pine	1	Log	10	
Yellow Birch	1	Log	10	
Northern White Cedar	1	Log	10	
Balsam Fir	2	Sapling	2	

63	31022 - Warm Season Grass	Nonstocked	5.3		Unspecified	No	Power Line
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64	4311 - Pine, Aspen Mix	Poletimber Well	99.5	44	51-80	N/A	2012: Growing nicely, look to cut in 2044. Some patches of super canopy white pine. Patches of balsam and white spruce. 2022: Did not look at in 2022.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	3	Pole	4	44	Red Maple	Low	10 - 20 feet	Sapling
Balsam Fir	15	Pole	4	44	Balsam Fir	Medium	10 - 20 feet	Sapling
White Spruce	5	Pole	4	44				
Tamarack	3	Pole	4	44				
Red Maple	2	Pole	4	44				
White Pine	20	XLog/Log	28	101				
Quaking Aspen	52	Pole	4	44				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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65 4112 - Maple, Beech, Cherry Association Sawtimber Well 21.0 77 111-140 N/A Tioga Creek Hdwd 11-009-04-01, Unit 1.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	55	Log	12	77	Sugar Maple	Medium	10 - 20 feet	Sapling
Black Cherry	15	Log	12		Black Cherry	Medium	10 - 20 feet	Sapling
Red Maple	10	Log	12		White Pine	Medium	10 - 20 feet	Sapling
Quaking Aspen	3	Log	12					
White Pine	5	Log	18					
White Spruce	2	Pole	8					
Yellow Birch	5	Log	12					
Balsam Fir	3	Pole	8					
Paper Birch	2	Pole	8					

66 42320 - Upland Spruce Poletimber Medium 4.7 44 Unspecified N/A 2012: Some bigger black spruce, probably not cut 33 yrs ago because it was too wet.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	5	Sapling	3	44	Balsam Fir	High	10 - 20 feet	Sapling
Red Maple	3	Sapling	3	44	Tag Alder	High	5 - 10 feet	Tall Shrub
Paper Birch	2	Sapling	3	44				
Black Spruce	39	Pole	7	93				
Black Cherry	3	Sapling	3	44				
Balsam Fir	5	Pole/Sapling	5	44				
White Spruce	41	Sapling/Pole	4	44				
Quaking Aspen	2	Sapling	3	44				

67 6225 - Bog Nonstocked 48.4 Unspecified No Tributary to Tioga River.

Sub-Canopy Species	Density	Avg. Height	Size
Tamarack	Low	Variable	Pole
Black Spruce	Low	Variable	Pole

68 6122 - Black Spruce Poletimber Well 9.7 93 81-110 N/A 2012: Middle of the stand has larger diameters, they drop off along with stocking towards the edges.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	85	Pole	6	93	Red Maple	Low	10 - 20 feet	Sapling
Northern White Cedar	5	Pole	10		Black Spruce	Medium	10 - 20 feet	Sapling
Tamarack	10	Pole	9		Tag Alder	Low	10 - 20 feet	Tall Shrub
					Black Cherry	Low	10 - 20 feet	Sapling
					Balsam Fir	Medium	10 - 20 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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69 6120 - Lowland Cedar Poletimber Well 28.0 118 81-110 N/A 2012: WET. Over a bench down to the stand along the drainage.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	50	Pole	8	118	Northern White Cedar	Medium	10 - 20 feet	Sapling
Black Spruce	25	Pole	8		Tag Alder	Medium	10 - 20 feet	Tall Shrub
Balsam Fir	10	Pole	8		Balsam Fir	Medium	10 - 20 feet	Sapling
Red Maple	5	Pole	8		Black Spruce	Medium	10 - 20 feet	Sapling
Paper Birch	2	Pole	8					
White Spruce	5	Pole	8					
White Pine	3	Pole	8					

70 4110 - Sugar Maple Association Sawtimber Well 43.5 110 111-140 N/A Tioga Creek Hdwd 11-009-04-01.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	90	Log/Pole	12	110	Black Cherry	Low	10 - 20 feet	Sapling
Red Maple	3	Log/Pole	12		Sugar Maple	Medium	Variable	Sapling
Paper Birch	2	Pole	8					
Black Cherry	2	Log/Pole	12					
Yellow Birch	3	Pole/Log	12					

71 6121 - Tamarack Sapling Well 7.3 51 1-50 N/A 2012: T3 stand along Pelkie Creek

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	10	Sapling	4		Tag Alder	High	10 - 20 feet	Tall Shrub
Tamarack	90	Sapling	4	51				

72 6122 - Black Spruce Poletimber Well 39.8 102 81-110 N/A 2012: Wet. Factor limit, blocked by two creeks and a powerline ROW.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Pole	8		Tag Alder	Medium	10 - 20 feet	Tall Shrub
Paper Birch	5	Pole	8		Balsam Fir	High	10 - 20 feet	Sapling
Balsam Fir	10	Pole	8		Black Cherry	Low	10 - 20 feet	Sapling
Black Spruce	50	Pole	8	102	Black Spruce	Medium	10 - 20 feet	Sapling
Northern White Cedar	5	Pole	8		Red Maple	Medium	10 - 20 feet	Sapling
Tamarack	15	Pole	8					
Black Cherry	5	Pole	8					
White Spruce	5	Pole	8					

73 622 - Lowland Shrub Nonstocked 19.3 Unspecified No Pelkie Creek

Sub-Canopy Species	Density	Avg. Height	Size
Tamarack	Low	Variable	Sapling
Tag Alder	Full	5 - 10 feet	Tall Shrub
Black Spruce	Low	Variable	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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74	6122 - Black Spruce	Poletimber Well	59.5	93	81-110	N/A	2012: Very small diameter, very wet. 2022: Stand was split from stand 21. Possibly cut in 2034.
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	1	Pole	6	
Yellow Birch	1	Log/Pole	10	
Northern White Cedar	8	Pole	4	
Black Spruce	60	Pole	7	93
Balsam Fir	5	Pole	5	
Tamarack	16	Pole	7	
Quaking Aspen	2	Pole	7	
Paper Birch	5	Pole	6	
White Pine	2	Pole	4	

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	High	10 - 20 feet	Sapling

75	6122 - Black Spruce	Poletimber Well	5.0	93	81-110	N/A	2012: Very small diameter, very wet. 2022: Split from stand 21. Retain for diversity and wildlife. Some areas may be excluded from treatment due to small diameter and/or to wet.
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Canopy Species	% Cover	Size Class	DBH	Age
White Pine	2	Log/Pole/Sap	10	
Paper Birch	5	Pole	6	
Black Spruce	50	Pole	7	93
Northern White Cedar	8	Pole	6	
Tamarack	30	Pole	7	
Red Maple	5	Pole	6	

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	High	10 - 20 feet	Sapling

76	330 - Low-Density Trees	Nonstocked	5.7	0	Unspecified	No	
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Sub-Canopy Species	Density	Avg. Height	Size
Tamarack	Trace	Variable	Pole
Black Spruce	Low	Variable	Pole

77	4112 - Maple, Beech, Cherry Association	Poletimber Well	22.8	110	81-110	N/A	Tioga Creek Hdws 11-008-04-01.
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Canopy Species	% Cover	Size Class	DBH	Age
Black Cherry	10	Log	12	
Sugar Maple	48	Log/Pole	12	110
Red Maple	25	Log/Pole	12	
Paper Birch	2	Pole	10	
Northern White Cedar	2	Log	12	
Yellow Birch	5	Pole	10	
White Spruce	5	Log	14	
White Pine	3	Log	18	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	10 - 20 feet	Sapling
Red Maple	Medium	10 - 20 feet	Sapling
White Spruce	Low	5 - 10 feet	Sapling
Witch Hazel	Medium	5 - 10 feet	Tall Shrub
Black Cherry	Low	10 - 20 feet	Sapling
White Pine	Low	10 - 20 feet	Sapling
Sugar Maple	Low	10 - 20 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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78	4119 - Mixed Northern Hardwoods	Poletimber Well	63.5	77	81-110	N/A	2012: TSI cut in 1974. 2022: Low quality hardwoods.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	5	Log	18		Sugar Maple	High	Variable	Sapling
Red Maple	20	Pole/Log	12		Balsam Fir	Low	10 - 20 feet	Sapling
Yellow Birch	5	Pole/Log	10		Black Cherry	Low	10 - 20 feet	Sapling
Balsam Fir	10	Pole	8					
White Spruce	5	Pole/Log	10					
Paper Birch	5	Pole	8					
Northern White Cedar	2	Log	12					
Sugar Maple	40	Log/Pole	12	77				
Black Cherry	8	Log	12					

79	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	85.0	126	81-110	N/A	2012: Most of the stand is Too Wet. Wet tag alder drain through the middle with low stocking.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	11	Pole	8		Yellow Birch	Low	10 - 20 feet	Sapling
White Spruce	10	Pole	8		Black Ash	Medium	10 - 20 feet	Sapling
Balsam Fir	10	Pole	8		Tag Alder	Medium	10 - 20 feet	Tall Shrub
Paper Birch	3	Pole	8		Red Maple	Medium	10 - 20 feet	Sapling
Northern White Cedar	37	Pole	10	126	Black Cherry	Low	10 - 20 feet	Sapling
Yellow Birch	5	Log	12		Balsam Fir	Medium	10 - 20 feet	Sapling
White Pine	5	Log	18					
Red Maple	5	Pole	8					
Black Ash	14	Log	12					

80	4134 - Aspen, Spruce/Fir	Sapling Well	65.6	24	Immature	N/A	A3 in 2012. Moose and Balsam 11-015-94-01. cut in 1995.
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Canopy Species	% Cover	Size Class	DBH	Age
White Pine	2	XLog/Log	18	
Quaking Aspen	42	Sapling/Pole	3	24
Black Cherry	5	Sapling	1	29
Balsam Fir	20	Sapling	2	24
Paper Birch	5	Sapling/Pole/Log	1	24
Red Maple	10	Sapling	2	
Tamarack	5	Sapling	1	24
White Pine	1	Sapling	1	24
White Spruce	10	Sapling	2	24



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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81	6120 - Lowland Cedar	Poletimber Well	25.6	93	51-80	N/A	2014: Sparse, wet. Stand is regenerating on its own. 2022: Could not get into stand, data is from photo and edge.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Black Spruce		19	Pole	8	93	Northern White Cedar		Medium	10 - 20 feet	Sapling
Tamarack		10	Pole	8	93	Tamarack		Medium	10 - 20 feet	Sapling
Northern White Cedar		70	Pole	8	93	Balsam Fir		Medium	10 - 20 feet	Sapling
White Pine		1	XLog	18		Black Spruce		Medium	10 - 20 feet	Sapling

82	4112 - Maple, Beech, Cherry Association	Sawtimber Well	16.3	110	111-140	N/A	Tioga Creek Hdws 11-008-04-01.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Balsam Fir		3	Pole	8		Balsam Fir		Medium	10 - 20 feet	Sapling
White Pine		3	Log	18		Black Cherry		Medium	10 - 20 feet	Sapling
Paper Birch		2	Pole	8		Red Maple		Medium	10 - 20 feet	Sapling
Yellow Birch		7	Pole	10		Sugar Maple		Medium	10 - 20 feet	Sapling
White Spruce		2	Pole	10						
Red Maple		25	Log/Pole	12						
Sugar Maple		48	Log/Pole	12	110					
Black Cherry		10	Log	12						

83	6122 - Black Spruce	Poletimber Poor	4.9	51	1-50	N/A	2022: Wet tag alder drainage.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Balsam Fir		25	Sapling	4		Tag Alder		High	10 - 20 feet	Tall Shrub
Black Spruce		50	Sapling	4	51					
Northern White Cedar		5	Sapling	4						
Tamarack		20	Sapling	4						

84	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	15.8	93	51-80	N/A	Factor X SBW 11-027-16. Contract terminated due to poor access. 2022: Some of the Spruce and Balsam has been hit by Budworm.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Paper Birch		5	Pole	8		Tamarack		Low	10 - 20 feet	Sapling
Balsam Fir		5	Pole	8		Balsam Fir		Full	10 - 20 feet	Sapling
Black Spruce		35	Pole	8	93	Northern White Cedar		Low	10 - 20 feet	Sapling
Tamarack		40	Log/Pole	10	93					
Quaking Aspen		5	Pole	8						
White Pine		5	Log	18						
White Spruce		5	Log	12						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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85	4139 - Aspen, Mixed Deciduous	Poletimber Well	18.7	44	51-80	N/A	2012: Poor quality timber. Says it is SI 65 for aspen though. Choppers choice aspen at one time? Hardwoods were left in patches. 2022: Stand should be ready in 2032.
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Pole/Log	10	71
Paper Birch	10	Pole	6	44
Quaking Aspen	52	Pole	7	44
Black Cherry	1	Pole	5	
Sugar Maple	20	Log/Pole	10	71
Balsam Fir	10	Pole	6	44
White Spruce	2	Log/Pole	10	71

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Low	10 - 20 feet	Sapling
Balsam Fir	High	10 - 20 feet	Sapling
White Spruce	Low	10 - 20 feet	Sapling

86	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	46.8	87	111-140	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	21	Log	14	87
Quaking Aspen	10	Log	14	
Balsam Fir	5	Pole	8	
White Spruce	5	Log	12	
White Pine	15	Log	18	
Yellow Birch	5	Log	16	
Sugar Maple	19	Log/Pole	12	
Black Cherry	5	Log/Pole	12	
Red Maple	15	Log/Pole	12	

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

87	6123 - Lowland Fir	Sapling Well	4.4	28	Immature	N/A	2012: Moose and Balsam 11-015-94-01. Wet.
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Canopy Species	% Cover	Size Class	DBH	Age
Black Cherry	5	Sapling	2	28
Northern White Cedar	5	Pole	8	
Paper Birch	5	Sapling	2	29
Quaking Aspen	5	Sapling	2	29
White Spruce	10	Sapling	2	28
Balsam Fir	55	Sapling	2	28
Red Maple	10	Sapling	2	28
Black Spruce	5	Sapling	2	28

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

88	6122 - Black Spruce	Poletimber Medium	29.2	101	1-50	N/A	2012: Treed bog. 2022: Southern half of stand may be cuttable in the future.
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Canopy Species	% Cover	Size Class	DBH	Age
Tamarack	20	Pole	5	
White Pine	5	Sapling	4	
White Pine	1	Log	16	
Northern White Cedar	5	Sapling	4	
Black Spruce	69	Pole	5	101

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	High	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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89 4112 - Maple, Beech, Cherry Association Sawtimber Well 17.1 110 111-140 N/A Tioga Creek Hdws 11-008-04-01.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	1	XLog	18		White Pine	Low	5 - 10 feet	Sapling
Sugar Maple	67	Log/Pole	12	110	Black Cherry	Medium	Variable	Sapling
Yellow Birch	5	Log/Pole	12		Balsam Fir	Medium	Variable	Sapling
Black Cherry	5	Log/Pole	12		Red Maple	Medium	Variable	Sapling
Red Maple	20	Log/Pole	12		Sugar Maple	Medium	Variable	Sapling
White Spruce	1	Log	10					
White Pine	1	XLog	18					

90 4112 - Maple, Beech, Cherry Association Sawtimber Well 10.1 110 111-140 N/A Moose and Balsam 11-015-94-01.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	8	Pole/Log	10		Red Maple	Medium	10 - 20 feet	Sapling
Yellow Birch	3	Pole	8		Balsam Fir	Medium	10 - 20 feet	Sapling
White Spruce	2	Log	14		Black Cherry	Medium	10 - 20 feet	Sapling
Red Maple	12	Log/Pole	12		White Pine	Medium	10 - 20 feet	Sapling
Sugar Maple	70	Log/Pole	12	110	Sugar Maple	High	10 - 20 feet	Sapling
White Pine	5	XLog	20					

91 6129 - Mixed Coniferous Lowland Forest Poletimber Medium 18.1 101 81-110 N/A 2012: Treed Bog.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	2	Pole	5		Tag Alder	Medium	10 - 20 feet	Tall Shrub
Tamarack	48	Pole	7	101				
Black Spruce	30	Sapling	3	101				
Paper Birch	2	Pole/Sapling	5					
White Pine	1	Log	12					
Balsam Fir	10	Pole/Sapling	5					
Red Maple	5	Pole	6					
White Spruce	2	Pole	7					

92 4134 - Aspen, Spruce/Fir Sapling Well 15.9 28 Immature N/A Moose and Balsam 11-015-94-01. Some moose browse.

Canopy Species	% Cover	Size Class	DBH	Age
Black Cherry	5	Sapling	2	28
Red Maple	3	Sapling	2	28
Sugar Maple	2	Sapling	2	28
White Pine	5	Sapling	2	28
Quaking Aspen	60	Sapling	2	28
Paper Birch	5	Sapling	2	28
Balsam Fir	20	Sapling	2	28



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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93 6225 - Bog Nonstocked 13.3 Unspecified No

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Full	5 - 10 feet	Tall Shrub

94 42200 - Natural White Pine Sawtimber Well 2.3 87 111-140 N/A 2012: Isolated white pine patch

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	90	XLog	20	87
Balsam Fir	3	Pole	8	
Black Spruce	2	Pole	10	
White Spruce	5	Log	12	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Full	Variable	Sapling

95 4112 - Maple, Beech, Cherry Association Poletimber Well 3.3 72 51-80 N/A Railway SBW 11-023-16-01, was cut in 2017. 2022: Aspen was removed.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	70	Pole/Log	9	72
White Pine	1	Log	17	
Red Maple	19	Pole/Log	9	
Black Cherry	9	Pole	7	
White Spruce	1	Log	12	

Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	Low	< 5 feet	Sapling
Sugar Maple	Full	Variable	Sapling
Quaking Aspen	High	10 - 20 feet	Sapling
Balsam Fir	High	< 5 feet	Sapling

96 6123 - Lowland Fir Poletimber Poor 4.1 63 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	1	Pole	8	
Tamarack	1	Pole	6	
Balsam Fir	55	Sapling/Pole	4	63
White Spruce	12	Pole/Sapling	5	
Black Spruce	31	Pole	7	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Full	10 - 20 feet	Sapling

97 122 - Road/Parking Lot Nonstocked 6.6 0 Unspecified No Kink Lake Road

98 4112 - Maple, Beech, Cherry Association Sawtimber Well 1.7 110 81-110 N/A Mrs. Moose Mix, was cut in 2016.

Canopy Species	% Cover	Size Class	DBH	Age
White Spruce	3	Pole/Log	10	
Red Maple	15	Pole/Log	10	
Balsam Fir	5	Pole	8	
Paper Birch	2	Pole/Log	10	
White Pine	2	Log	18	
Quaking Aspen	3	Pole/Log	10	
Sugar Maple	60	Pole/Log	10	110
Black Cherry	5	Log	12	
Yellow Birch	5	Pole/Log	10	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	10 - 20 feet	Sapling
Sugar Maple	Medium	10 - 20 feet	Sapling
Yellow Birch	Low	10 - 20 feet	Sapling
White Spruce	Low	10 - 20 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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99 6122 - Black Spruce Poletimber Poor 1.7 93 Unspecified N/A 2012: Treed Bog.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	2	Log	17		Tag Alder	Medium	10 - 20 feet	Tall Shrub
Black Spruce	98	Sapling/Pole	4	93				

100 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Well 5.5 110 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	5	Pole/Log	10		Sugar Maple	Medium	10 - 20 feet	Sapling
Hemlock	15	Log	14		White Spruce	Low	10 - 20 feet	Sapling
Balsam Fir	5	Pole	8		Yellow Birch	Low	10 - 20 feet	Sapling
Paper Birch	2	Pole/Log	10		Balsam Fir	Medium	10 - 20 feet	Sapling
Quaking Aspen	3	Pole/Log	10					
White Spruce	3	Pole/Log	10					
Black Spruce	40	Pole	8	110				
White Pine	2	Log	18					
Red Maple	15	Pole/Log	10					
Northern White Cedar	10	Pole	8					

101 429 - Mixed Upland Conifers Poletimber Well 25.0 93 51-80 N/A

2012: The stand has some lowland strips through it. The eastern part along Pelkie creek should be kept intact for the moose.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	5	Log/Pole	12		Balsam Fir	Medium	10 - 20 feet	Sapling
White Pine	5	Log	18		Hazelnut (American)	Low	10 - 20 feet	Tall Shrub
Sugar Maple	5	Pole	8		Red Maple	Medium	10 - 20 feet	Sapling
Northern White Cedar	8	Pole	6					
Paper Birch	2	Pole	6					
Black Cherry	5	Pole	8					
Balsam Fir	10	Pole	6					
Black Spruce	18	Pole	6					
White Spruce	20	Log	12	93				
Red Maple	15	Log/Pole	12					
Tamarack	2	Pole	6					
Quaking Aspen	5	Pole	6					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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102 4119 - Mixed Northern Hardwoods Sawtimber Well 18.3 110 51-80 N/A Pelkie Creek Hdwd 11-007-04-01, Unit 1. Was cut in 2006. 2022: Stand was split from stand to the east. Very poor quality and low BA's.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	10	Log	14		Sugar Maple	Full	Variable	Sapling
Sugar Maple	30	Log	12	110	Balsam Fir	Medium	10 - 20 feet	Sapling
Red Maple	25	Log	14		Red Maple	Medium	10 - 20 feet	Sapling
White Spruce	5	Log/Pole	10		Black Cherry	High	10 - 20 feet	Sapling
Balsam Fir	15	Pole	7					
Yellow Birch	10	Log	16					
White Pine	5	Log	18					

103 4319 - Mixed Upland Forest Sapling Well 21.8 7 Immature N/A Acreage will be reduced due to wet areas. 2/17/22 - a few patchy areas on west side of stand, low wet area taking longer to get regen established. Heavy moose browse on red maple and aspen regen.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	10	Sapling	1		Tag Alder	Medium	10 - 20 feet	Tall Shrub
Sugar Maple	5	Sapling	1	7				
Northern White Cedar	2	Log/Pole	10					
Red Maple	38	Sapling	1	7				
Tamarack	2	Pole/Log	10					
Paper Birch	1	Sapling	1	7				
Hemlock	2	Log	14					
Yellow Birch	5	Sapling	1					
White Pine	15	XLog/Log	18	103				
Black Spruce	3	Pole	8					
Quaking Aspen	5	Sapling	1	7				
Black Cherry	2	Pole	8					
Balsam Fir	10	Sapling	1	7				

104 6115 - Lowland Ash Poletimber Well 17.4 106 81-110 N/A 2/17/22 - Wet ash stand, healthy but low quality. Too wet to operate?

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	10	Pole/Log	10		Tag Alder	High	10 - 20 feet	Tall Shrub
Yellow Birch	10	Pole	5		Balsam Fir	High	Variable	Sapling
Black Spruce	10	Pole/Sapling	6		Black Ash	High	Variable	Sapling
Black Ash	65	Pole/Sapling	6	106				
Balsam Fir	5	Pole	5					

105 622 - Lowland Shrub Nonstocked 3.9 Unspecified No



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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106 4319 - Mixed Upland Forest Sapling Well 35.9 7 Immature N/A

Cut winter 2016-2017 Pie mix
2/17/22 - Nice regen, patchy in a few spots along stand 104 on the south.
Lower and wetter, taking longer to establish regen. Aspen regen in pockets.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	2	Sapling	1	7	Northern White Cedar	Low	Variable	Pole
White Spruce	2	Sapling	1	7				
Balsam Fir	10	Sapling	1	7				
Quaking Aspen	15	Sapling	1	7				
Black Cherry	3	Pole	8					
Red Maple	30	Sapling	1	7				
Tamarack	2	Pole	8					
Paper Birch	2	Sapling	1	7				
Hemlock	2	Log	12					
Sugar Maple	2	Sapling	1	7				
Northern White Cedar	5	Pole/Log	10					
Yellow Birch	2	Sapling	1	7				
White Pine	23	XLog	20	111				

107 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Well 1.3 111 111-140 N/A

vernal pond excluded from sale, retention.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	10	Pole	6		Black Spruce	Low	Variable	Sapling
Sugar Maple	10	Log	12		White Spruce	Low	Variable	Sapling
Northern White Cedar	5	Pole/Log	10		Northern White Cedar	Low	Variable	Pole
Yellow Birch	5	Log	12		Balsam Fir	High	Variable	Sapling
White Pine	28	XLog	20	111	Paper Birch	Low	Variable	Sapling
Balsam Fir	10	Pole	6					
White Spruce	10	Pole/Log	8					
Red Maple	5	Pole/Log	10					
Tamarack	2	Pole	8					
Paper Birch	5	Pole/Log	10					
Hemlock	2	Log	12					
Quaking Aspen	5	Log	12					
Black Cherry	3	Pole	8					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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108 4130 - Aspen Sapling Well 14.0 8 Immature N/A

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	10	Sapling	3	
Black Cherry	5	Sapling	1	
Red Maple	10	Sapling	1	
Paper Birch	5	Sapling	1	
Northern White Cedar	1	Pole/Log	8	
Quaking Aspen	67	Sapling	1	8
White Pine	2	Log	16	

109 622 - Lowland Shrub Nonstocked 8.1 Unspecified No

110 6115 - Lowland Ash Poletimber Well 6.1 91 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	10	Pole	6		Balsam Fir	Full	Variable	Sapling
Northern White Cedar	5	Log/Pole	10		Black Ash	High	Variable	Sapling
Black Ash	80	Pole/Sapling	6	91				
Balsam Fir	5	Pole	6					

111 4139 - Aspen, Mixed Deciduous Sapling Well 40.0 8 Immature N/A

2/17/22 - Heavy aspen regen in south east 1/4 of stand, the rest of the stand is mixed hardwood regen.

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	5	Sapling	1	
Balsam Fir	5	Sapling	3	
Yellow Birch	5	Sapling	1	
Yellow Birch	1	Log	16	
Quaking Aspen	40	Sapling	1	8
Black Spruce	4	Sapling/Pole	3	
Red Maple	25	Sapling	1	
Black Cherry	5	Sapling	1	
White Pine	5	XLog/Log	18	
Northern White Cedar	5	Pole/Log	8	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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112 6112 - Lowland Aspen Sapling Well 1.7 8 Immature N/A

Canopy Species	% Cover	Size Class	DBH	Age
Black Ash	5	Sapling	1	
Red Maple	19	Sapling	1	
Paper Birch	5	Sapling	1	
Balsam Fir	5	Sapling	1	
Northern White Cedar	10	Pole/Log	10	
Tamarack	1	Pole	6	81
White Pine	5	Log	12	
Quaking Aspen	50	Sapling	1	8

113 429 - Mixed Upland Conifers Poletimber Well 0.4 111 111-140 N/A vernal pond excluded from sale, retention

Canopy Species	% Cover	Size Class	DBH	Age
White Spruce	10	Pole/Log	8	
Black Spruce	10	Pole	6	
Red Maple	5	Pole/Log	10	
Tamarack	2	Pole	8	
Paper Birch	5	Pole/Log	10	
Hemlock	2	Log	12	
Sugar Maple	10	Log	12	
Northern White Cedar	5	Pole/Log	10	
Balsam Fir	10	Pole	6	
Yellow Birch	5	Log	12	
White Pine	28	XLog	20	111
Quaking Aspen	5	Log	12	
Black Cherry	3	Pole	8	

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

114 4119 - Mixed Northern Hardwoods Sapling Well 28.9 2 Immature N/A 2023: 40 was acquired from Minerick in January 2023.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	10	Sapling	1	2
White Spruce	7	Sapling	1	2
Sugar Maple	27	Sapling	1	2
Balsam Fir	2	Sapling	1	2
Red Maple	38	Sapling	1	2
Paper Birch	5	Sapling	1	2
Yellow Birch	5	Sapling	1	2
Black Cherry	5	Sapling	1	2
White Pine	1	Sapling	1	2



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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115 6224 - Treed Bog Nonstocked 5.7 0 Unspecified No 2023: 40 was acquired from Minerick in January 2023.

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	Trace	10 - 20 feet	Sapling
Tamarack	Trace	5 - 10 feet	Sapling
Northern White Cedar	Low	10 - 20 feet	Sapling

116 4139 - Aspen, Mixed Deciduous Sapling Well 49.7 2 Immature N/A 2023: 120 acres was acquired from Minerick in January 2023.

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	1	Pole	6	
White Pine	1	Log	16	
White Spruce	2	Sapling	1	
Red Maple	20	Sapling	1	2
Yellow Birch	1	Log	14	
Paper Birch	5	Sapling	1	2
Quaking Aspen	45	Sapling	1	2
Sugar Maple	3	Log	14	74
Sugar Maple	15	Sapling	1	2
Yellow Birch	5	Sapling	1	2
Black Cherry	2	Sapling	1	2

117 6122 - Black Spruce Poletimber Well 3.8 94 Unspecified N/A 2023: 120 acres was acquired from Minerick in January 2023.

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	5	Pole	5	
Tamarack	2	Pole	7	
Black Spruce	93	Pole	6	94

118 6122 - Black Spruce Poletimber Well 2.3 94 Unspecified N/A 2023: 120 acres was acquired from Minerick in January 2023.

Canopy Species	% Cover	Size Class	DBH	Age
Tamarack	2	Pole	7	
Northern White Cedar	5	Pole	5	
Black Spruce	93	Pole	6	94

119 6122 - Black Spruce Poletimber Medium 4.9 74 Unspecified N/A 2023: 120 acres was acquired from Minerick in January 2023.

Canopy Species	% Cover	Size Class	DBH	Age
Tamarack	2	Pole	7	
Black Spruce	93	Pole	6	74
Northern White Cedar	5	Pole	5	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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120 6122 - Black Spruce Poletimber Well 1.9 94 Unspecified N/A 2023: 120 acres was acquired from Minerick in January 2023.

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	5	Pole	5	
Black Spruce	93	Pole	6	94
Tamarack	2	Pole	7	

121 4139 - Aspen, Mixed Deciduous Sapling Well 23.4 2 Immature N/A 2023: 120 acres was acquired from Minerick in January 2023.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	15	Sapling	1	2
Yellow Birch	5	Sapling	1	2
Black Cherry	2	Sapling	1	2
Red Maple	20	Sapling	1	2
Yellow Birch	1	Log	14	
Northern White Cedar	1	Pole	6	
White Spruce	2	Sapling	1	
Quaking Aspen	45	Sapling	1	2
Sugar Maple	3	Log	14	74
Paper Birch	5	Sapling	1	2
White Pine	1	Log	16	

124 4110 - Sugar Maple Association Sawtimber Medium 12.1 74 1-50 N/A 2023: 120 acres was acquired from Minerick in January 2023. Understory was removed in 2021. Very poor quality.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	100	Log	14	74	White Spruce	Low	5 - 10 feet	Sapling
					Balsam Fir	Low	5 - 10 feet	Sapling
					Black Cherry	Low	5 - 10 feet	Sapling
					Sugar Maple	Full	5 - 10 feet	Sapling
					Red Maple	Full	5 - 10 feet	Sapling
					Yellow Birch	Medium	< 5 feet	Sapling

138 4134 - Aspen, Spruce/Fir Sapling Well 26.7 17 Immature N/A Fish Fir 11-008-04-01, cut in 2006

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	2	XLog/Log	20	
Red Maple	5	Sapling	1	17
Paper Birch	2	Sapling	1	17
Balsam Fir	10	Sapling	1	17
White Spruce	10	Sapling	1	17
White Pine	5	Sapling	1	17
Tamarack	2	Sapling	1	17
Quaking Aspen	64	Sapling	1	17



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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252	6122 - Black Spruce	Sapling Poor	65.6	2	Immature	N/A	Cho Choo Spruce 11-29-17-01. 2022: south 1/3 was cut in 2019 and north 2/3 was cut in winter 2021/2022.
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Canopy Species	% Cover	Size Class	DBH	Age
White Pine	3	Log	18	
Tamarack	15	Sapling	1	
Balsam Fir	10	Pole	8	
Quaking Aspen	2	Sapling	1	2
Black Spruce	70	Sapling	1	2

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