



Compartment Review Presentation

Gwinn Forest Management Unit

Compartment 32027

Entry Year 2026

Acreage: 1,832

County Marquette

Management Area: Menominee-Marquette

Stand Examiner: Sean Fischer

Legal Description:

T44N R24W Section 22, 23, 24

Identified Planning Goals:

To maintain the health and sustainability of the forest while providing for recreational, wildlife, and fisheries concerns and needs.

Soil and topography:

Level swamps and wetland drainages comprised of Carbondale, Tawas and Cathro-Ensley mucks with a small amount of upland flats, primarily Paquin-Finch sands, Croswell-Deford, and Charlevoix-Ensley. Equipment limitations.

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

Mostly State ownership, with one large block of industry lands within Section 22, and some private forty acre parcels in section 19..

Unique Natural Features:

No Unique Natural Features known.

Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

Special Management Designations or Considerations:

Potential for calypso orchid and ram's head lady's-slipper in conifer swamps. Yellow-banded bumble bee observed within the compartment in 1936. Some potential for submergent and emergent marsh species in small lake and creeks: auricled tway-blade, autumnal water starwort, alternate-leaved water-milfoil, Farwell's water-milfoil, alga pondweed, small yellow water-lily, American shore-grass, linear-leaved gentian and veiny meadow-rue.

Watershed and Fisheries Considerations:

This compartment contains vernal pools, seeps, and intermittent streams. 100-foot, plus 5 feet per 1% increase in slope, buffers are recommended to protect these areas in accordance with Best Management Practices. For selective harvest within the buffer, avoid deep rutting and maintain a canopy cover equal to or greater than 70 percent.

Wildlife Habitat Considerations:

This compartment is found within the Menominee-Marquette Management Area, on Ground Moraines in southeastern Marquette, southwestern Alger, and northwestern Delta Counties. The dominant Natural Communities are poor conifer swamps, mesic northern forests, and dry northern forests. Major forest cover types include Northern Hardwood, Aspen, and Mixed Lowland Conifer. This management area contains a large proportion of hardwood forest which regenerates well partly due to the heavier snow cover and lower deer numbers than the southern portion of this Management Area. The most significant wildlife management issues in the management area are: mast (hard and soft); mature forest (upland deciduous, especially aspen and mixed forest with little understory); course woody debris, early successional forest, and deer wintering complexes.

The following have been identified as featured species for the Menominee-Marquette Management Area: American Woodcock, Blackburnian Warbler, Cerulean Warbler, Golden-winged Warbler, Black-backed Woodpecker, Ruffed Grouse, Turkey, American Marten, Snowshoe Hare, White-tailed Deer, Black Bear.

Mineral Resource and Development Concerns and/or Restrictions

Sections 22 - 24, T44N-R24W, Marquette County

Surface sediments consist of medium-textured glacial till. The glacial drift thickness varies between 10 and 50 feet. The Ordovician Black River and Prairie du Chien Formations subcrop below the glacial drift. The Black River is quarried for stone in the UP. A gravel pit may be located in Section 23, but potential appears to be limited. Abandoned iron mines are located four miles to the northwest, but economic iron probably has been removed from this area. This State land has not been previously leased for metallic exploration. There is no economic oil and gas production in the UP.

Vehicle Access:

State highway M-35 and old M-35 bisect compartment, with a few interior seasonal/closed roads within. Parker Spur, a State maintained poor dirt road, also runs from M-35 to the west and Co Rd R.A. borders the east side of the compartment.

Survey Needs:

Private 40 within Section 24 may require final corner to be set. Private 40 corners in section 19 need survey.

Recreational Facilities and Opportunities:

No established facilities. Main recreation is for hunting.

Fire Protection:

Mostly low grounds. Low fire potential.

Additional Compartment Information:

Parker Spur requires yearly maintenance - beaver populations continually back up water, plugging culverts, which overflows the already low roadway. Local hunting traffic continually ruts road during wet periods; road needs additional fill, so that grading would be more effective.

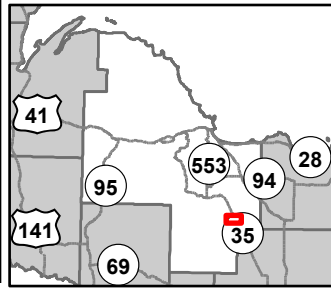
The following reports from the Inventory are attached:

- 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**

Special Conservation Areas & Site Conditions Map



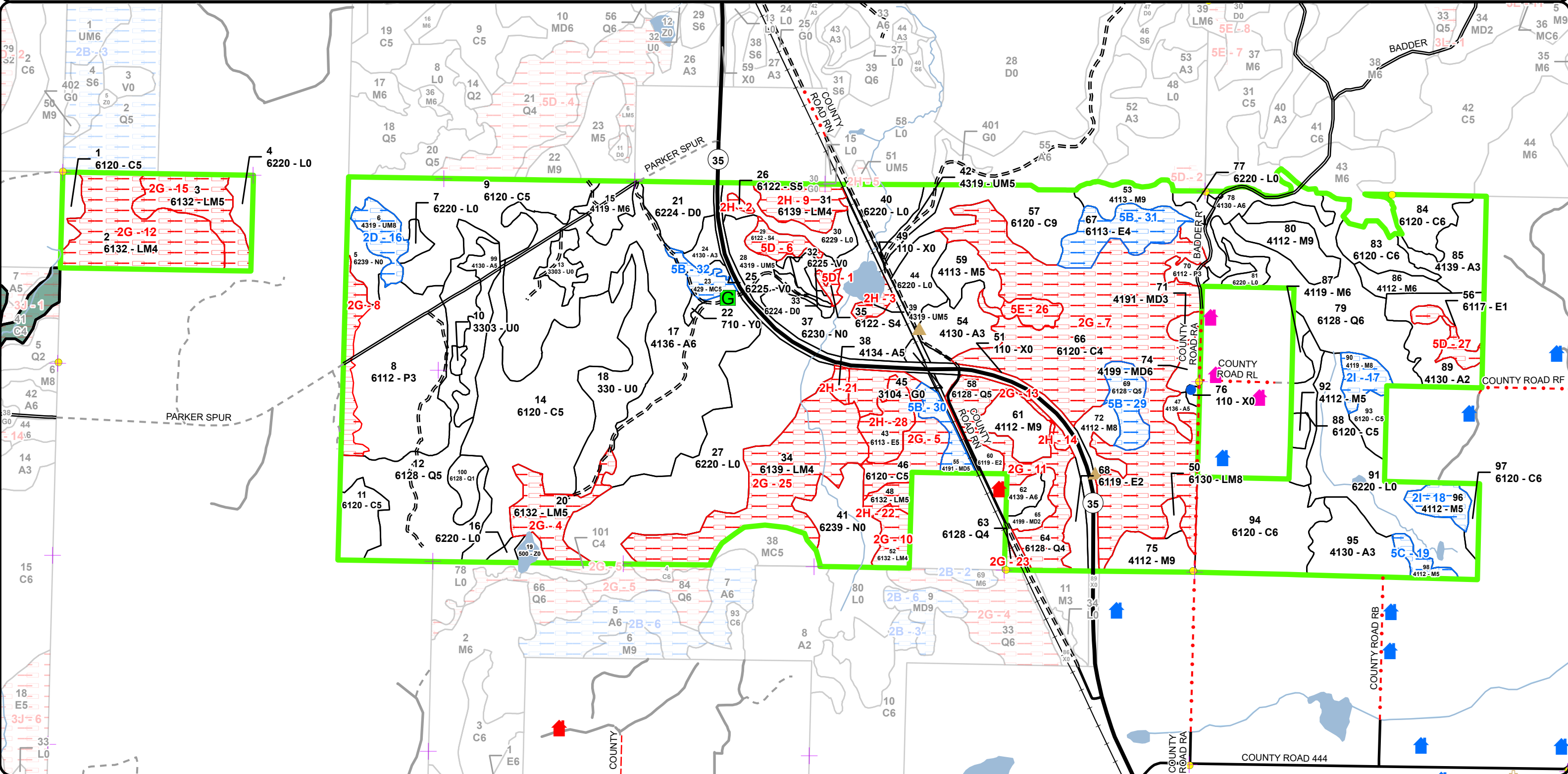
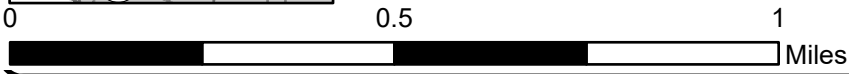
Compartment: 32027
 T44N, R23W, Sec: 19
 County: Marquette
 Unit: Gwinn
 Mgmt Area: Menominee-
 Marquette
 YOE: 2026
 Acres: 1832 GIS Calculated
 Examiner: Sean Fischer
 Map Revised: 08/14/2024
 Map Phase: Web Post

- Cabin
- House
- Structure, Seasonal Dwelling
- Berms
- Gate
- Cemetery
- Tower

- Survey Grade Corners
- Remonumented Section Corners
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Paved Road
- Private - Dirt / Gravel Road

- Active Railroads
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- SCA
- Available w/ Constraints
- Unavailable
- 2D: Portable Bridge Needed (Dept. bridge will be adequate)

- 2I: Survey needed
- 5B: Maintain for regeneration purposes
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 5D: Unproductive Forest Land
- 5E: Long-Term Retention
- Stand Boundaries
- Cold Water Streams
- Vernal Pool



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	17	48	30	163	5	0	0	0	0	0	0	0	0	0	0	0	0	263
Bog	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Cedar	0	0	0	0	0	0	0	0	0	0	168	75	127	24	95	0	0	4	492
Herbaceous Openland	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Low-Density Trees	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41
Lowland Aspen/Balsam Poplar	0	77	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	81
Lowland Conifers	0	0	0	0	72	0	10	0	0	23	0	12	0	0	0	0	0	57	174
Lowland Deciduous	0	13	0	0	0	0	0	0	6	0	34	0	0	0	0	0	0	0	53
Lowland Mixed Forest	0	0	0	0	0	3	15	0	0	0	14	70	0	0	82	0	0	0	182
Lowland Shrub	203	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	203
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	10
Marsh	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71
Mixed Upland Deciduous	0	5	0	3	0	0	0	0	0	0	13	0	0	0	0	0	0	0	21
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	52	53	0	0	0	0	0	25	130
Sand, Soil	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Treed Bog	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Upland Conifers	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	6
Upland Mixed Forest	0	0	0	16	0	0	16	3	0	0	0	0	0	0	0	0	0	0	35
Urban	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39
Water	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Total	386	112	48	49	239	8	41	3	6	23	287	220	127	24	177	0	0	86	1833



Report 2 – Treatment Summary

Gwinn Mgt. Unit

Year of Entry: 2026

Acres of Harvest

Compartment 27

Total Compartment Acres: 1,832

Commercial Harvest - 88
 Harvests with Site Condition - 17
 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
Mixed Upland Deciduous	0	0	0	0	5	0	0	0	0	5
Northern Hardwood	0	27	0	0	60	0	13	0	0	100
Total	0	27	0	0	65	0	13	0	0	105

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	105	0	0	0	0	0	0	7	0	112
Next Step	0	0	0	0	0	0	105	0	7	112
Total	105	0	0	0	0	0	105	0	14	224



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

Proposed Treatments:

53	32027053-Cut	12.0	4113 - R.Maple, Conifer	Sawtimber Well	97	81-110	Harvest	Shelterwood with Retention	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</u> Reserve total 40-60 BA, favoring retention of quality red maple poles and wildlife trees (cavity trees, mast species) by painting trees green. <u>Specs:</u> Cut all maple except trees painted green. Cut all balsam fir down to 2in.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Red maple, aspen spp., sugar maple, hemlock, yellow birch, basswood, spruce spp., white pine, northern white cedar, northern red oak, and other northern hardwood associated species.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											
59	32027059-Cut	12.5	4113 - R.Maple, Conifer	Poletimber Medium	105	81-110	Harvest	Overstory Removal	4119 - Mixed Northern Hardwoods	Even-Aged	No
<p><u>Prescription</u> Cut all merchantable red maple, aspen. Cut all balsam fir 2 inch and up. Cut all black cherry under 10 inch dbh. Green tree 10 BA of largest diameter red maple available that is not log quality.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Red maple, aspen, sugar maple, northern white cedar, spruce, white pine, black cherry, white birch, yellow birch, hemlock, tamarack, and any other northern hardwood associated species.</p> <p><u>Other Comment:</u> Long term retention is eastern most part of stand, east of tag alder swale. Winter restriction recommended because of wet access, wet soils. Regeneration protection spec recommended to protect red maple, yellow birch, and black cherry saplings which have already established.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											
61	32027061-Cut	14.4	4112 - Maple, Beech, Cherry Association	Sawtimber Well	103	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</u> STS to promote advance maple regeneration recommended. Favor removal of large diameter stems which will drop grade, pulp trees, trees with maple die back, other trees which are dying or diseased, and suppressed trees. Retain off species and wildlife-quality cavity trees. <u>Specs:</u> Remove 1/3 of trees, residual basal area will vary locally throughout stand, but the average should be 70-80 BA. Cut all fir. Make 2 canopy gaps of roughly 66' canopy diameter per acre. Retain all yellow birch and white pine.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Sugar maple, red maple, yellow birch, eastern hemlock, northern white cedar, paper birch, northern red oak, aspen spp., basswood, white spruce, white pine, and any other northern hardwood associated species.</p> <p><u>Other Comment:</u> Exclude eastern tip which is cut off by finger of cattails.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</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
72 32027072-Cut	8.6	4112 - Maple, Beech, Cherry Association	Sawtimber Medium	105	81-110	Harvest	Shelterwood with Retention	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</u> Reserve total 40-60 BA, favoring retention of quality red maple poles and wildlife trees (cavity trees, mast species) by painting trees green.</p> <p><u>Specs:</u> Cut all merchantable red maple, sugar maple, and aspen except trees painted green. Cut all balsam fir down to 2in.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Red maple, aspen spp., sugar maple, hemlock, yellow birch, basswood, spruce spp., white pine, northern white cedar, northern red oak, and other northern hardwood associated species.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										
74 32027074-Cut	4.9	4199 - Other Mixed Upland Deciduous	Poletimber Well	97	81-110	Harvest	Shelterwood with Retention	4199 - Other Mixed Upland Deciduous	Uneven-Aged	No
<p><u>Prescription</u> Reserve total 40-60 BA, favoring retention of quality red and sugar maple poles and wildlife trees (cavity trees, mast species) by painting trees green. Cut all aspen and maple except trees painted green. Cut all balsam fir down to 2in.</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> Northern hardwood associated species, especially red maple, sugar maple, yellow birch, basswood, red oak, spruce, aspen spp., hemlock, or northern white cedar.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										
75 32027075-Cut	13.0	4112 - Maple, Beech, Cherry Association	Sawtimber Well	98	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</u> STS to promote advance maple regeneration recommended. Favor removal of large diameter stems which will drop grade, pulp trees, trees with maple die back, other trees which are dying or diseased, and suppressed trees. Retain off species and wildlife-quality cavity trees.</p> <p><u>Specs:</u> Remove 1/3 of trees, residual basal area will vary locally throughout stand, but the average should be 70-80 BA. Cut all fir. Make 2 canopy gaps of roughly 66' canopy diameter per acre. Retain all hemlock and white cedar.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Sugar maple, red maple, yellow birch, eastern hemlock, northern white cedar, paper birch, northern red oak, aspen spp., basswood, white spruce, white pine, and any other northern hardwood associated species.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										

Approved Treatments:

80 32027080.11_Cut	15.0	4112 - Maple, Beech, Cherry Association	Sawtimber Well	97	81-110	Harvest	Shelterwood with Retention	411 - Northern Hardwood	Two-Aged	No
<p><u>Prescription</u> Mark trees to a residual 40-60 BA. Focus your marking on removing the poor form and deformities within the stand. No cut Hemlock, Cedar, and White Pine. Favor to keep large oversized Basswood, cherry, yellow birch and other lesser occurring species to maintain species diversity.</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 tree species currently in the overstory is acceptable.</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
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Other Comment:
Site Condition
Proposed Start Date: 10/1 /2025

86	32027086.5_C	7.4	4112 - Maple, Beech, Cherry Association	Poletimber Well	93	81-110	Harvest	Shelterwood	411 - Northern Hardwood	Two-Aged	No
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Prescription Specs: Mark trees to a residual of 40-60 BA. Focus your marking on removing the poor form and deformities within the stand. No cut Hemlock, Cedar, and white pine. Favor retention of yellow Birch, Black Cherry. and other lesser occurring species to maintain species diversity. No other retention due to small size.
Next Step Treatments: Monitoring, Natural Regen (Re-Inventory)
Acceptable Regen: Any tree species currently in the overstory is acceptable.
Other Comment:
Site Condition
Proposed Start Date: 10/1 /2025

90	32027090.7_C	8.5	4119 - Mixed Northern Hardwoods	Sawtimber Medium	90	81-110	Harvest	Shelterwood	411 - Northern Hardwood	Two-Aged	No
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Prescription Specs: Mark trees to a residual of 40-60 BA. Focus your marking on removing the poor form and deformities within the stand. No cut Hemlock and Cedar. Favor retention of large paper birch, Yellow Birch, Black Cherry and other lesser occurring species to maintain species diversity. No other retention due to small size.
Next Step Treatments: Monitoring, Natural Regen (Re-Inventory)
Acceptable Regen: Any tree species currently in the overstory is acceptable.
Other Comment:
Site Condition Survey Needed
Proposed Start Date: 10/1 /2025

96	32027096.4_C	8.6	4112 - Maple, Beech, Cherry Association	Poletimber Medium	90	81-110	Harvest	Shelterwood	411 - Northern Hardwood	Two-Aged	No
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Prescription Specs: Mark trees to a residual of 40-60 BA. Focus your marking on removing the poor form and deformities within the stand. No cut Hemlock, Cedar, and White Pine. Favor to keep some large paper Birch, yellow birch, black cherry and other lesser occurring species to maintain species diversity. No other retention due to small size.
Next Step Treatments: Monitoring, Natural Regen (Re-Inventory)
Acceptable Regen: Any tree species currently in the overstory will be acceptable.
Other Comment:
Site Condition Survey Needed
Proposed Start Date: 10/1 /2025



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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
13 NF_32027013-NonFor	7.1	3303 - Mixed Low Density Trees	Nonstocked			NonForestMgt	Other - Specify	3301 - Low Density Deciduous Trees		No
<p><u>Prescription</u> Use chainsaws to maintain opening. Planting of hard/soft mast trees/shrubs to benefit feature species.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> NonForestMgt, Herbaceous/Crop/Grass Planting</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u></p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 5 /1 /2025</p>										

Total Treatment 112
Acreage Proposed:

Report 4 – Site Conditions

Gwinn Mgt. Unit
Sean Fischer : Examiner

Compartment: 27
Year of Entry: 2026

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions								
		With Condition	Not Available		2D	2I	5B	5C	2G	2H	5D	5E	
263	260	0	3	Aspen				0		3			
3	3	0	0	Bog									
493	302	0	191	Cedar					191				
5	5	0	0	Herbaceous Openland									
41	41	0	0	Low-Density Trees									
81	69	0	12	Lowland Aspen/Balsam Poplar					12				
174	129	12	33	Lowland Conifers			12		33				
52	13	21	19	Lowland Deciduous			21			13	6		
182	3	0	179	Lowland Mixed Forest					160	19			
203	203	0	0	Lowland Shrub									
10	0	0	10	Lowland Spruce/Fir						1	9		
71	71	0	0	Marsh					0				
21	13	8	0	Mixed Upland Deciduous			8						
129	100	22	7	Northern Hardwood		17		5		1			6
1	1	0	0	Sand, Soil									
20	20	0	0	Treed Bog							0		
6	0	6	0	Upland Conifers			6						
36	22	11	3	Upland Mixed Forest	11					3			
39	39	0	0	Urban									
3	3	0	0	Water									
1,832	1,295	80	457	Total Forested Acres	11	17	46	5	395	41	15		6
	71%	4%	25%	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	5D: Unproductive Forest Land	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gwinn Mgt. Unit
Sean Fischer : Examiner

Compartment: 27
Year of Entry: 2026

2	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	1	5D: Unproductive Forest Land	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	3	2J: Blocked by Railroad	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	20	2E: Road needed	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	24	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	5D: Unproductive Forest Land	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	168	5D: Unproductive Forest Land	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gwinn Mgt. Unit
Sean Fischer : Examiner

Compartment: 27
Year of Entry: 2026

8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	15	2J: Blocked by Railroad			
Comments:							
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	22	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	47	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
Multiple swales and drainages throughout the stand.							

Report 4 – Site Conditions

Gwinn Mgt. Unit
Sean Fischer : Examiner

Compartment: 27
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13	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	23	2D: Portable Bridge Needed (Dept. bridge will be adequate)	Unspecified	Unspecified	Unspecified
Comments: Wet ground throughout stand and in adjacent stands and presence of multiple intermittent streams will make access for to the stand and within the stand for treatments prohibitively difficult							
16	Available	2D: Portable Bridge Needed (Dept. bridge will be adequate)	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Available	2I: Survey needed	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
18	Available	2I: Survey needed	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gwinn Mgt. Unit
Sean Fischer : Examiner

Compartment: 27
Year of Entry: 2026

19	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments: Delay treatment to treat with A3 stand 95 to the west. Stand is small and access is wet.							
21	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	3	2E: Road needed	Unspecified	Unspecified	Unspecified
Comments: Blocked by lowland and long skids. Grade to M-35 is too steep for driveway to be built, and curve is dangerous.							
22	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	5	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments:							
23	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	2J: Blocked by Railroad	Unspecified	Unspecified	Unspecified
Comments:							
25	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	62	5D: Unproductive Forest Land	Unspecified	Unspecified	Unspecified
Comments:							
26	Unavailable	5E: Long-Term Retention	6	2E: Road needed	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gwinn Mgt. Unit
Sean Fischer : Examiner

Compartment: 27
Year of Entry: 2026

27	Unavailable	5D: Unproductive Forest Land	6	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
28	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	13	2E: Road needed	Unspecified	Unspecified	Unspecified
Comments:							
29	Available	5B: Maintain for regeneration purposes	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
30	Available	5B: Maintain for regeneration purposes	8	2E: Road needed	Unspecified	Unspecified	Unspecified
Comments:							
31	Available	5B: Maintain for regeneration purposes	21	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
32	Available	5B: Maintain for regeneration purposes	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

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



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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1	6120 - Lowland Cedar	Poletimber Medium	5.6	100	111-140	N/A	Well-stocked lowland conifer stand.
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Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	5	Pole	5	
Black Spruce	5	Log	10	
Hemlock	5	Log	16	
Red Maple	5	Pole	9	
Northern White Cedar	80	Pole	8	100

2	6132 - Mixed Lowland Forest with Cedar	Poletimber Poor	46.9	105	1-50	N/A	Wet stand - heavy tagalder; drainage within. Small black ash and cedar (stunted and stressed, in places), with numerous dead snags, dead yellow birch, blowdown. Scattered areas with maple.
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Canopy Species	% Cover	Size Class	DBH	Age
Black Ash	32	Pole/Sapling	5	
Red Maple	10	Pole	7	
Yellow Birch	2	Log/Pole	10	
Balsam Fir	10	Pole/Sapling	5	90
White Spruce	2	Pole	7	
Black Spruce	4	Pole/Sapling	5	
Northern White Cedar	40	Pole/Log/Sap	6	105

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	High	10 - 20 feet	Tall Shrub
Balsam Fir	Low	Variable	Sapling
Northern White Cedar	Low	10 - 20 feet	Sapling

3	6132 - Mixed Lowland Forest with Cedar	Poletimber Medium	22.6	105	81-110	N/A	Scattered upland and lowland. Small amount of overmature aspen with red maple, fir, spruce - pockets of cedar and tagalder swales. Trace hemlock with a few dead snags. Tag alder swales channelize periodically to form intermittent streams, especially running west/east at southeastern portion of stand
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Canopy Species	% Cover	Size Class	DBH	Age
White Spruce	5	Log	14	
Black Spruce	3	Pole	7	
Northern White Cedar	30	Pole/Log	8	
Tamarack	2	Pole/Log	9	
Red Maple	40	Log/Pole	11	105
White Pine	5	XLog/Log	18	
Yellow Birch	4	Log/Pole	10	
Black Ash	2	Pole	8	
Quaking Aspen	4	Log/XLog/Pole	12	
Balsam Fir	5	Pole	6	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	>20 feet	Sapling
Balsam Fir	Medium	Variable	Sapling
Tag Alder	Medium	10 - 20 feet	Tall Shrub
Black Spruce	Low	Variable	Sapling
Hazelnut (Beaked)	Low	< 5 feet	Tall Shrub
White Spruce	Low	Variable	Sapling

4	6220 - Alder/willow	Nonstocked	5.7			No	Stand is very low ground with scattered timber
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Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Trace		Sapling
Northern White Cedar	Trace		Pole
Tag Alder	High		Tall Shrub



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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5	6239 - Mixed Emergent Wetland	Nonstocked	7.6			No					
								Sub-Canopy Species	Density	Avg. Height	Size
								Tag Alder	High	5 - 10 feet	Tall Shrub
								Northern White Cedar	Low	10 - 20 feet	Pole
								Balsam Fir	Low	10 - 20 feet	Sapling
Black Spruce	Trace	10 - 20 feet	Pole								

6	4319 - Mixed Upland Forest	Sawtimber Medium	11.0	55	81-110	N/A	Clump red maple; heavy balsam fir, some which was cut under permit #35/67 - winter, 1968. Balsam fir experiencing heavy mortality from spruce budworm.					
								Canopy Species	% Cover	Size Class	DBH	Age
								Yellow Birch	2	Log/XLog	16	
								Quaking Aspen	5	Pole/Sapling	6	
								Balsam Fir	13	Pole	7	25
								White Spruce	5	Pole/Log	9	
								Northern White Cedar	10	Pole/Log	8	105
								White Pine	5	XLog	24	
								Hemlock	10	Log/Pole	13	105
								Red Maple	50	Log/Pole	11	55
								Sub-Canopy Species	Density	Avg. Height	Size	
								Tag Alder	Low	< 5 feet	Tall Shrub	
								Balsam Fir	High	Variable	Sapling	
								White Spruce	Low	>20 feet	Sapling	
								Red Maple	Low	>20 feet	Sapling	

7	6220 - Alder/willow	Nonstocked	3.0			No					
								Sub-Canopy Species	Density	Avg. Height	Size
								Balsam Fir	Trace		Sapling
								Northern White Cedar	Low		Pole
Tag Alder	High		Tall Shrub								

8	6112 - Lowland Aspen	Sapling Well	77.2	3	Immature	N/A	Cut in 2021: Parker/CNN sale #32-027-16Permit#14/72A - cut Dec, 1973 - Jan, 1975 - removed mainly aspen, fir, spruce, SE corner heavier to lowland conifers (spruce, fir, cedar; hemlock patch). Some dead aspen stems and hypoxylon noted. Smaller timber on lower grounds.					
								Canopy Species	% Cover	Size Class	DBH	Age
								Yellow Birch	2	Pole/Log	8	
								Quaking Aspen	87	Sapling	1	3
								White Pine	2	Log/XLog	16	
								Hemlock	2	Pole/Log	8	
								Black Cherry	2	Sapling/Pole	3	3
								Northern White Cedar	5	Pole/Log	8	
								Sub-Canopy Species	Density	Avg. Height	Size	
								Black Spruce	Medium	Variable	Sapling	
								Northern White Cedar	Low	5 - 10 feet	Sapling	
								Tag Alder	Medium	5 - 10 feet	Tall Shrub	
								Red Maple	Medium	>20 feet	Sapling	
								Yellow Birch	Low	>20 feet	Sapling	
Balsam Fir	High	>20 feet	Sapling									
Paper Birch	Low	5 - 10 feet	Sapling									
White Spruce	Low	Variable	Sapling									



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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9	6120 - Lowland Cedar	Poletimber Medium	58.0	110	111-140	N/A	Some fir cut in the late 60's. Stand has isolated, less than 1 acre patches, of 10-14 inch dbh tamarack and black spruce. Portions of stand water impacted due to beaver activity and Mud Creek drainage; wetter areas with 5-6" dbh cedar and more tagalder.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
White Spruce		2	Log/Pole	11		Tag Alder		Medium	5 - 10 feet	Tall Shrub
Black Spruce		5	Pole	7		Balsam Fir		Medium	Variable	Sapling
Tamarack		2	Pole	9						
White Pine		3	XLog	20						
Northern White Cedar		65	Pole/Log	8	110					
Balsam Fir		3	Pole/Sapling	5						
Red Maple		10	Pole/Log	8						
Hemlock		5	Log/Pole	13						
Yellow Birch		2	Pole/Log	9						
Black Ash		3	Pole/Sapling	5						

10	3303 - Mixed Low Density Trees	Nonstocked	1.5		Immature	Managed Opening	W32-472: cleared and seeded 8/1998. Natural fern opening. Spruce, fir, black cherry, and aspen saplings are encroaching.
Sub-Canopy Species		Density	Avg. Height	Size			
White Spruce		Medium	10 - 20 feet	Sapling			
Black Cherry		Medium	10 - 20 feet	Sapling			
Balsam Fir		Low	10 - 20 feet	Seeding			
White Pine		Trace	10 - 20 feet	Sapling			

11	6120 - Lowland Cedar	Poletimber Medium	13.0	106	81-110	N/A	Black ash/cedar with areas of thicker cedar concentrations. Uprooting and blowdown noted, in places.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Black Spruce		9	Pole/Sapling	5		Red Maple		Low	< 5 feet	Sapling
Red Maple		2	Log	10		Balsam Fir		Low	Variable	Sapling
Yellow Birch		2	Pole	9		Northern White Cedar		Low	5 - 10 feet	Sapling
Northern White Cedar		60	Pole	7	106	Black Ash		Low	10 - 20 feet	Sapling
Balsam Fir		5	Pole/Sapling	5		Tag Alder		High	5 - 10 feet	Tall Shrub
Black Ash		20	Pole/Sapling	5		Yellow Birch		Low	>20 feet	Sapling
Paper Birch		2	Log	12						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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12 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Medium 65.4 32 51-80 N/A

"Parker Spur West Block" #010-86 - cut 1990 - 1992. Quite a bit of low ground within, with only higher ridges with upland aspen. Mostly spruce, fir and tamarack poles in the low ground. Fir has received heavy mortality from spruce budworm.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Poplar	10	Sapling	3		Northern White Cedar	Medium	10 - 20 feet	Sapling
Quaking Aspen	10	Sapling/Pole	4	32	Red Maple	Low	5 - 10 feet	Sapling
Tamarack	20	Pole/Sapling	5	32	Black Cherry	Low	Variable	Sapling
Black Spruce	20	Pole/Sapling	5	32	White Pine	Low	5 - 10 feet	Sapling
White Spruce	2	Pole/Sapling	6		White Spruce	Low	Variable	Sapling
Balsam Fir	20	Pole/Sapling	5	32	Paper Birch	Medium	>20 feet	Sapling
Paper Birch	4	Sapling/Pole	4	32	Willow spp.	Low	< 5 feet	Tall Shrub
Black Cherry	2	Sapling/Pole	3		Black Spruce	Medium	Variable	Sapling
Red Maple	9	Sapling/Pole	3		Balsam Fir	High	Variable	Sapling
White Pine	3	Log/Pole/XLog	10		Yellow Birch	Low	Variable	Sapling

13 3303 - Mixed Low Density Trees Nonstocked 7.1 Managed Opening

Girdled tamarack saplings on edges. Multiple clumps of spruce/fir/white pine; balm aspen clones. Some black cherry and other hw's. W32-455: 70# spike 6/26/1996.

Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	Medium	10 - 20 feet	Pole
White Pine	Low	10 - 20 feet	Sapling
Quaking Aspen	Low	10 - 20 feet	Pole
Hemlock	Trace	5 - 10 feet	Sapling
Tamarack	Trace	5 - 10 feet	Sapling
Balsam Fir	Medium	10 - 20 feet	Sapling

14 6120 - Lowland Cedar Poletimber Medium 95.3 132 51-80 N/A

High water table impact, in places, due to restricted drainage. Includes some lower stocked areas with tagalder and heavier cedar interior.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	5	Log/Pole	10		Tag Alder	High	10 - 20 feet	Tall Shrub
Quaking Aspen	2	Log	12		Balsam Fir	Medium	Variable	Sapling
Northern White Cedar	65	Pole/Log	8	132				
Balsam Fir	10	Pole/Sapling	5					
Red Maple	8	Pole	8					
Black Ash	7	Pole	8					
White Spruce	3	Log	10					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																																																													
15	4119 - Mixed Northern Hardwoods	Poletimber Well	9.8	105	81-110	N/A	"P.S. Block" sale (unit 3) #006-96 - cut Feb., 1999. Lower quality sugar maple; heavy defects to red maple. Trace amount of elm, paper birch, black cherry, cedar.																																																																																																													
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16	6220 - Alder/willow	Nonstocked	2.2			No	Very poorly drained.																																																																																																													
17	4136 - Aspen, Mixed Conifer	Poletimber Well	129.2	36	111-140	N/A	Pole aspen and red maple. "Parker Spur Block" #002-86 - cut Su, 1986 - March, 1988 and Feb, 1990. Mature strip of timber left along M-35 containing red maple, aspen, hemlock, paper birch and white pine. Small portion cut (north side of Parker Spur) as "P.S. Block" #006-96 (unit 2) - Feb., 1998. Some earlier salvage of fir done under permits #042-84-02 (7 acs), #043-84-02 (7 acs), and #023-84-02 (13 acs) all completed in 1984.																																																																																																													
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Quaking Aspen	25	Pole	8	36																																																																																																																
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White Pine	Low	Variable	Sapling																																																																																																																	
18	330 - Low-Density Trees	Nonstocked	32.0		Immature	No	Low quality, scattered cedar and black spruce. Leatherleaf and tag alder throughout.																																																																																																													
		<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 Spruce</td><td>Low</td><td>10 - 20 feet</td><td>Pole</td></tr> <tr><td>Balsam Fir</td><td>Low</td><td>10 - 20 feet</td><td>Pole</td></tr> <tr><td>Northern White Cedar</td><td>Low</td><td>10 - 20 feet</td><td>Pole</td></tr> </tbody> </table>	Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Low	10 - 20 feet	Pole	Balsam Fir	Low	10 - 20 feet	Pole	Northern White Cedar	Low	10 - 20 feet	Pole																																																																																																		
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19	500 - Water	Nonstocked	3.0			No																																																																																																														



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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20 6132 - Mixed Lowland Forest with Cedar Poletimber Medium 20.2 133 81-110 N/A Mixed lowland stand. Mostly cedar, red maple, and fir with pockets of aspen within.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	15	Pole	6		Balsam Fir	Low	5 - 10 feet	Sapling
Northern White Cedar	40	Pole/Log	10	133	Black Ash	Low	5 - 10 feet	Sapling
Yellow Birch	10	Log/Pole	12		Tag Alder	Low	5 - 10 feet	Tall Shrub
Quaking Aspen	15	Pole	6		Red Maple	Medium	10 - 20 feet	Sapling
Red Maple	15	Pole	6					
Black Ash	5	Pole	5					

21 6224 - Treed Bog Nonstocked 16.4 No Leatherleaf bog with 6-10ft tall black spruce throughout.

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

22 710 - Sand, Soil Nonstocked 1.2 Managed Opening Barrow pit.

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Trace		Sapling
Balsam Poplar	Low		Sapling

23 429 - Mixed Upland Conifers Poletimber Medium 6.2 99 51-80 N/A Ridge/swale of hemlock patches with white pine, and immature balsam fir, aspen, and white birch. Some of the white pine is dead; hemlock overall in poor shape (with seams, forked/dead tops). Most aspen, spruce/fir removed under permit #005-06 "M-35 Aspen" in March, 2008. Stand includes small lowland brush drainage. Heavy spruce budworm mortality in balsam fir.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	15	Pole/Sapling	5	16	Quaking Aspen	High	10 - 20 feet	Sapling
White Pine	25	Log	16	99	Balsam Poplar	Medium	10 - 20 feet	Sapling
Hemlock	20	Pole/Log	9	99	Black Spruce	High	Variable	Sapling
Tamarack	5	Pole	6	16	White Pine	Low	< 5 feet	Sapling
Paper Birch	5	Pole	6	16	Balsam Fir	High	Variable	Sapling
Quaking Aspen	15	Sapling	3	16	Red Maple	High	>20 feet	Sapling
Balsam Fir	5	Pole/Sapling	5					
Bigtooth Aspen	10	Sapling	3	16				

24 4130 - Aspen Sapling Well 4.9 16 Immature N/A Cut under permit #005-06 "M-35 Aspen" in March, 2008. Some residual red maple, spruce/fir as well as lowland aspen within. Stand fully stocked with aspen saplings.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	2	Pole	9		Black Spruce	Medium	< 5 feet	Seeding
Quaking Aspen	60	Sapling	3	16	Red Maple	Medium	Variable	Sapling
Red Maple	10	Sapling/Pole	3		Balsam Fir	Medium	< 5 feet	Seeding
Balsam Fir	5	Pole/Sapling	6	16				
Black Spruce	5	Pole/Sapling	5					
White Pine	3	Log	16					
Balsam Poplar	15	Sapling	3	16				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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25 6225 - Bog Nonstocked 1.0 No lowland depression

Sub-Canopy Species	Density	Avg. Height	Size
Cattail spp.	Low		Non-Wood

26 6122 - Black Spruce Poletimber Medium 1.1 103 N/A Small island off highway - more of a treed bog type.

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	2	Pole	7	
Quaking Aspen	2	Log/Pole	10	
Black Spruce	96	Pole	6	103

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	Medium	Variable	Sapling

27 6220 - Alder/willow Nonstocked 91.5 No Stand is variable in patches, but mostly tag alder with grass below.

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	Medium	5 - 10 feet	Sapling
Northern White Cedar	Low		Pole
Balsam Poplar	Low		Sapling
Cattail spp.	Medium		Non-Wood
Balsam Fir	Medium		Sapling
Tag Alder	High		Tall Shrub

28 4319 - Mixed Upland Forest Poletimber Medium 16.3 26 51-80 N/A M-35 hydrologic influence. Unit 1 "P.S. Block" sale #006-96 - cut ~1997. Very mixed stand sizes - ridges/swales; older aspen intermixed with younger. A lot of white pine is heavily weeviled. Lower stand portions are heavier to spruce/fir/cedar. Trace amount of scotch pine, red pine.

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	10	Pole/Log	9	
White Spruce	10	Pole/Sapling	7	
Black Spruce	10	Sapling/Pole	4	
Balsam Fir	10	Pole	6	
Bigtooth Aspen	10	Pole/Sapling	6	
Quaking Aspen	20	Sapling/Pole	4	26
Paper Birch	10	Pole/Sapling	5	26
Hemlock	5	Log	12	
Red Maple	12	Sapling/Pole	2	
Jack Pine	3	Sapling/Pole	4	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Poplar	Low	5 - 10 feet	Sapling
Scotch Pine	Low	10 - 20 feet	Sapling
Tag Alder	Low	5 - 10 feet	Tall Shrub
White Spruce	Low	Variable	Sapling
White Pine	Medium	Variable	Sapling
Tamarack	Low	10 - 20 feet	Sapling
Jack Pine	Low	10 - 20 feet	Sapling
Balsam Fir	Medium	Variable	Sapling
Black Spruce	Medium	Variable	Sapling

29 6122 - Black Spruce Poletimber Poor 6.8 103 1-50 N/A Black spruce saplings with poles, some tamarack poles, many snags and mostly open canopy- stand is between a black spruce stand and a treed bog type. Trace amount of cedar, white pine and hemlock, mainly along edges.

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	76	Sapling/Pole	4	103
Tamarack	20	Pole	7	
Hemlock	2	Log/Pole	10	
White Pine	2	Log/Pole	10	

Sub-Canopy Species	Density	Avg. Height	Size
Alder	Medium	5 - 10 feet	Tall Shrub
Leatherleaf	Medium	< 5 feet	Tall Shrub
Sphagnum Moss	Medium	Unspecified	Non-Wood



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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30 6229 - Mixed lowland shrub Nonstocked 12.9 Immature No Flooded tag alder stand, snags and dead timber within

Sub-Canopy Species	Density	Avg. Height	Size
Cattail spp.	Medium		Non-Wood
Tamarack	Trace	>20 feet	Pole
Balsam Fir	Low	5 - 10 feet	Sapling
Black Spruce	Low		Sapling
Alder	Full	5 - 10 feet	Tall Shrub

31 6139 - Mixed Lowland Forest Poletimber Poor 14.5 53 1-50 N/A Numerous raised island pockets of timber within tagalder swamp - very low quality. Trace black spruce. Plenty of snags, blowdown, uprooting. Natural succession occurring. Some small areas of upland. No crossing across RR tracks. Fir has received heavy mortality from spruce budworm.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	25	Pole/Sapling	5	53
Quaking Aspen	10	Log/Pole	12	90
White Spruce	5	Pole/Log/Sap	8	
Paper Birch	10	Pole	7	
Northern White Cedar	15	Log	12	
Tamarack	5	Pole	7	
Black Ash	10	Pole	5	
Red Maple	10	Pole/Sap/Log	8	
Black Cherry	10	Pole/Sapling	5	

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	High	10 - 20 feet	Tall Shrub
White Spruce	Low	Variable	Sapling
Balsam Fir	Medium	Variable	Sapling
Balsam Poplar	Medium	10 - 20 feet	Sapling

32 6225 - Bog Nonstocked 1.8 Immature No

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Trace	5 - 10 feet	Tall Shrub
Black Spruce	Trace	10 - 20 feet	Sapling
Leatherleaf	Medium	< 5 feet	Tall Shrub
Willow spp.	Low	5 - 10 feet	Tall Shrub
White Pine	Trace	< 5 feet	Seeding

33 6224 - Treed Bog Nonstocked 3.6 No some aspen, red maple seedlings/saplings

Sub-Canopy Species	Density	Avg. Height	Size
Tamarack	Low		Sapling
Black Spruce	Low		Seeding
Tag Alder	Trace		Tall Shrub

34 6139 - Mixed Lowland Forest Poletimber Poor 61.7 130 1-50 N/A Low site index timber; drainage within and high water table. Unproductive forest land.

Canopy Species	% Cover	Size Class	DBH	Age
Black Ash	40	Pole	5	
Red Maple	5	Unspecified		
Black Spruce	40	Pole	6	130
Northern White Cedar	10	Unspecified		
Balsam Fir	5	Unspecified		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
35	6122 - Black Spruce	Poletimber Poor	2.1	103	1-50	N/A	More of a treed bog type; some blowdown noted.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce		96	Pole/Sapling	6	103	Balsam Fir	Low	Variable	Seeding
Paper Birch		4	Pole	6		Black Spruce	Low	Variable	Seeding
37	6230 - Cattail	Nonstocked	38.9			No	Dead snags (cedar) within, as well as small islands of timber (aspen, spruce/fir). Contains pond, creek		
Sub-Canopy Species		Density	Avg. Height	Size					
Tag Alder		Medium		Tall Shrub					
Black Spruce		Low	10 - 20 feet	Sapling					
Cattail spp.		Full		Non-Wood					
38	4134 - Aspen, Spruce/Fir	Poletimber Medium	2.9	39	51-80	N/A	Part of t. sale #015-84-2 (3 acs) - cut May-June, 1984. Smaller fir was left along highway. Very small piece of high ground. Mix of aspen saplings with residual fir poles, maple, spruce. Some low areas; cattails present.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Poplar		4	Pole	8		Balsam Fir	Medium	Variable	Sapling
Balsam Fir		38	Pole/Sapling	7	55				
Red Maple		10	Sapling/Pole	4					
Black Cherry		2	Sapling	4					
Bigtooth Aspen		15	Sapling	3	39				
Paper Birch		4	Pole	8					
Quaking Aspen		25	Sapling/Pole	4	39				
White Spruce		2	Pole	8					
39	4319 - Mixed Upland Forest	Poletimber Medium	3.0	60	51-80	N/A	Very narrow ridge. Previously an aspen stand, but due to location, natural succession and beaver activity is converting stand to more fir. Both aspen and older fir in decline; dead aspen (mainly quaking) in stand. W. tip drops into black spruce.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir		33	Pole/Sapling	7	60	White Pine	Low	10 - 20 feet	Sapling
White Spruce		10	Log/Pole	10		Hemlock	Low	>20 feet	Sapling
Northern White Cedar		2	Pole	7		Serviceberry (Juneberry)	Low	10 - 20 feet	Sapling
Bigtooth Aspen		10	Log/Pole	10	95	Red Maple	Low	>20 feet	Sapling
Quaking Aspen		2	Log	17	95	Balsam Fir	High	Variable	Sapling
Red Maple		15	Pole	9		Northern White Cedar	Low	10 - 20 feet	Sapling
White Pine		3	Log/XLog/Pole	14		White Spruce	Medium	Variable	Sapling
Black Spruce		10	Pole/Sapling	6		Black Spruce	Medium	Variable	Sapling
Paper Birch		15	Pole	7					
40	6220 - Alder/willow	Nonstocked	13.6		Immature	No	Tag alder stand contains unnamed drainage/creek which flows under RR tracks (culvert)		
Sub-Canopy Species		Density	Avg. Height	Size					
Tag Alder		Full	5 - 10 feet	Tall Shrub					
Tamarack		Medium		Pole					
Northern White Cedar		Low		Sapling					
Paper Birch		Trace		Sapling					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments									
41	6239 - Mixed Emergent Wetland	Nonstocked	24.2			No	Drainage within. Stand is tag alder with cedar and spruce scattered throughout.									
								Sub-Canopy Species	Density	Avg. Height	Size					
								Black Spruce	Low	>20 feet	Pole					
								Alder	High	5 - 10 feet	Tall Shrub					
								Northern White Cedar	Low	Variable	Pole					
42	4319 - Mixed Upland Forest	Poletimber Medium	5.4	53	51-80	N/A	Mixed road (old barrow pit) stand cut in 1970. Some older aspen on the fringes. Variable stand, with patches (25%) of very low BA aspen saplings, jackpine saplings, and fir saplings (25% of area), other patches of well stocked pole aspen, birch, and tamarack (40% of area), and other patches of low basal area pole mixed conifer (35% of area)									
								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
								Balsam Poplar	3	Pole	6		Quaking Aspen	Low	Variable	Sapling
								Balsam Fir	25	Pole/Sapling	6		Black Cherry	Low	Variable	Sapling
								Black Spruce	5	Sapling	3		Balsam Poplar	Medium	10 - 20 feet	Sapling
								Tamarack	10	Pole	6	53	Tag Alder	Low	5 - 10 feet	Tall Shrub
								Paper Birch	5	Pole	5	53	Balsam Fir	Medium	Variable	Sapling
								White Pine	5	Sapling/Pole	4		Scotch Pine	Low	10 - 20 feet	Sapling
								Bigtooth Aspen	5	Pole/Sapling	5	53	White Spruce	Medium	Variable	Sapling
								White Spruce	10	Pole/Sapling	5		Northern White Cedar	Low	5 - 10 feet	Sapling
								Quaking Aspen	30	Pole/Sapling	5	53	White Pine	Medium	Variable	Sapling
								Black Cherry	2	Pole/Sapling	5		Jack Pine	Medium	10 - 20 feet	Sapling
													Tamarack	Medium	>20 feet	Sapling
								43	6113 - Lowland Maple	Poletimber Medium	12.8	94	51-80	N/A	"Little Richard's Block" #007-96 - removed aspen, birch and spruce/fir - 1998. Slightly higher ground contains more maple regeneration; much of the stand has heavy balsam fir regeneration preventing recruitment of other more desirable species. Good aspen regeneration in places. Residual maple stems are extremely low quality, with numerous large diameter wildlife quality trees.	
																Canopy Species
Paper Birch	3	Pole	8		Quaking Aspen	Low	>20 feet									Sapling
Quaking Aspen	5	Log	12		Balsam Fir	Full	Variable									Sapling
Balsam Fir	6	Pole	7		Red Maple	Low	Variable									Sapling
White Spruce	2	Sapling/Pole	4													
Hemlock	2	Pole	7													
Red Maple	68	Pole	9	94												
Black Cherry	2	Pole	6													
Yellow Birch	2	Log/XLog	16													
Northern White Cedar	10	Log/Pole	10													



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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44 6220 - Alder/willow Nonstocked 13.4 No Tag alder marsh with some small tamarack, white pine, cedar, and black spruce within. Cedar birch and tamarack present on edges.

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Trace	10 - 20 feet	Pole
Paper Birch	Trace		Sapling
Northern White Cedar	Low	10 - 20 feet	Sapling
Tamarack	Low	10 - 20 feet	Sapling
White Pine	Trace	10 - 20 feet	Sapling
White Spruce	Trace		Pole
Willow spp.	Medium		Tall Shrub
Tag Alder	Full	5 - 10 feet	Tall Shrub

45 3104 - Degraded Nonstocked 4.8 No Degraded opening along intersection of M-35 road and railroad. Grasses and some lowland shrubs present

46 6120 - Lowland Cedar Poletimber Medium 23.5 122 51-80 N/A Lowland cedar stand with patches of black ash poles. A small upland hardwood patch exists near the property boundary.

Canopy Species	% Cover	Size Class	DBH	Age
Black Ash	15	Sapling/Pole	3	
Black Spruce	5	Sapling/Pole	4	
Northern White Cedar	53	Pole	7	122
Balsam Fir	10	Pole/Sapling	5	
Red Maple	5	Pole/Sapling	7	
White Spruce	10	Pole/Log	9	
Quaking Aspen	2	Log	10	

Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	Low	>20 feet	Sapling
Balsam Fir	Medium	>20 feet	Sapling
Tag Alder	Medium	10 - 20 feet	Tall Shrub

47 4136 - Aspen, Mixed Conifer Poletimber Medium 3.8 26 51-80 N/A "In Between Block" #009-96 (unit 5, 10) - shelterwood and select cut Oct., 1997. Trace black ash along lower grounds.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	9	Pole/Sapling	5	26
Red Maple	25	Sapling/Pole	4	26
Northern White Cedar	5	Pole	6	
Hemlock	2	Pole	9	
White Spruce	4	Pole	9	
Black Ash	5	Pole/Sapling	5	
Black Cherry	10	Sapling	3	26
Quaking Aspen	40	Sapling/Pole	4	26

Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	Low	< 5 feet	Sapling
Red Maple	Low	Variable	Sapling
Balsam Fir	Medium	Variable	Sapling
Sugar Maple	Low	Variable	Sapling

48 6132 - Mixed Lowland Forest with Cedar Poletimber Medium 5.0 97 81-110 N/A Stand is cedar and red maple, upland. Access is blocked by lowland ground, no road to the stand exists. Stump evidence shows stand was harvested once a long time ago.

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	45	Pole/Log	9	97
Balsam Fir	8	Pole	5	
Yellow Birch	2	Log/Pole	10	
Red Maple	45	Pole	8	

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



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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49 110 - Low Intensity Urban Nonstocked 8.0 No Old highway and railroad.

50 6130 - Fir, Aspen, Maple Sawtimber Medium 2.8 41 51-80 N/A "In Between Block" #009-96 (unit7, 8) - shelterwood and select cut Sept, 1997. Also cut under permit #018-83-02 - some hwd and all fir cut - fall, 1983 - spring, 1984. Pole-sized maple with more conifers, including hemlock patches, fir, black ash, and cedar. Also includes small tagalder swale.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	55	Pole	7	41	Maple (spp.)	Full	< 5 feet	Seeding
Northern White Cedar	10	Pole/Log	9		Maple (spp.)	Medium	10 - 20 feet	Sapling
Hemlock	10	Log	16	98	Balsam Fir	Medium	Variable	Sapling
Balsam Fir	25	Pole/Sapling	6					

51 110 - Low Intensity Urban Nonstocked 29.5 Immature No M-35 and R.O.W.

52 6132 - Mixed Lowland Forest with Cedar Poletimber Poor 8.5 98 1-50 N/A Lowland stand with upland patches.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	35	Pole	7	
Balsam Fir	5	Sapling/Pole	4	
Black Ash	10	Pole	5	
Northern White Cedar	45	Pole	7	98
Hemlock	5	Pole/Log	9	

53 4113 - R.Maple, Conifer Sawtimber Well 12.0 97 81-110 N/A "Batter's Corner Block" #008-96 combined select cut - Dec., 1997. Rolling terrain with lower grounds heavier to fir/aspens/red maple saplings with red maple poles interspersed throughout. Fairly mixed age classes. Left all cedar, white pine and hemlock.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	70	Log/Pole	12	97	Quaking Aspen	Medium	>20 feet	Sapling
Yellow Birch	2	Log/XLog	16		Balsam Fir	High	Variable	Sapling
Balsam Fir	15	Pole/Sapling	6		Hazelnut (Beaked)	Low	< 5 feet	Tall Shrub
White Pine	1	XLog	20		Black Cherry	Low	Variable	Sapling
Black Cherry	4	Log	16		Red Maple	Medium	Variable	Sapling
Northern White Cedar	3	Log/Pole	10					
Hemlock	5	Log/Pole/XLog	12					

54 4130 - Aspen Sapling Well 17.1 5 1-50 N/A 1-19-21 (PH): This stand was cut and completed in 2019 2015: Permit #16/69A - completed 1970-72. Cherry reserved in 2019 treatment.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	88	Sapling	1	5	White Spruce	Low	5 - 10 feet	Sapling
White Pine	5	XLog/Log	18		Balsam Fir	Medium	Variable	Sapling
Black Cherry	5	Pole/Sapling	5		Tag Alder	Low	5 - 10 feet	Tall Shrub
Northern White Cedar	2	Pole	9		Red Maple	Medium	5 - 10 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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55 4191 - Mixed Upland Deciduous with Conifer Poletimber Medium 7.8 94 1-50 N/A

"M-35 Hardwood" sale #004-06 - cut 2011. Removed aspen, fir and marked hardwoods. Two-aged stand now. North tip of stand was cut in 1998 - now 2-3" dbh aspen clump. North portion of stand has much lower BA than southern portion, around 30-40 BA in the north, 50-80 BA in the south.

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	10	Sapling/Pole	4	
Quaking Aspen	5	Sapling	1	
Balsam Poplar	5	Sapling	1	
Balsam Fir	10	Pole/Sapling	6	
Northern White Cedar	5	Pole/Log	9	
Tamarack	2	Pole	6	
Hemlock	5	Pole/Log	9	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	Variable	Sapling
Quaking Aspen	Medium	5 - 10 feet	Sapling
Balsam Poplar	High	5 - 10 feet	Sapling
Red Maple	Low	< 5 feet	Seeding

56 6117 - Lowland Deciduous, Mixed Coniferous Sapling Poor 6.3 70 1-50 N/A

Portions of stand cut in "Corner Aspen Block" sale # 005-94 - cut July, 1997-Feb, 1998.

Canopy Species	% Cover	Size Class	DBH	Age
Black Cherry	5	Sapling	1	25
White Spruce	5	Pole	8	
Balsam Fir	15	Pole/Sapling	5	
Paper Birch	2	Sapling	2	25
Northern White Cedar	15	Pole	9	
Black Ash	45	Sapling/Pole	4	70
Hemlock	2	Pole	9	
Red Maple	10	Sapling	1	25
White Pine	1	XLog	18	

Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	Low	Variable	Sapling
Black Ash	Low	>20 feet	Pole
Ironwood	Low	5 - 10 feet	Sapling
Hazelnut (Beaked)	Low	< 5 feet	Tall Shrub
Willow spp.	Medium	5 - 10 feet	Tall Shrub
Balsam Fir	Medium	Variable	Sapling
Tag Alder	High	< 5 feet	Tall Shrub

57 6120 - Lowland Cedar Sawtimber Well 32.6 105 81-110 N/A

Cedar with fir/spruce understory. Patches of thicker cedar also. Some fir,spruce removal cuts in the late 60's - early 70's. Mix of tamarack, fir, birch, white pine along old M-35. Some red maple, aspen, yellow birch, white birch on small interior ridges. Stand has intermittent black ash swales throughout.

Canopy Species	% Cover	Size Class	DBH	Age
Tamarack	5	Pole/Log	9	
Red Maple	5	Log/Pole	10	
White Pine	2	XLog	18	
Yellow Birch	5	Log/XLog	16	
Hemlock	2	Pole/Log	9	
Balsam Fir	4	Pole/Sapling	6	
Black Spruce	4	Sapling/Pole	4	
White Spruce	3	Log/Pole	12	
Paper Birch	3	Pole	7	
Black Ash	2	Sapling/Pole	4	
Northern White Cedar	65	Log/Pole/XLog	12	105

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	>20 feet	Sapling
Balsam Fir	Medium	Variable	Sapling
Tag Alder	Medium	5 - 10 feet	Tall Shrub



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
58	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	9.6	52	1-50	N/A	Permit #9/69 - harvested fall, 1969 - Jan, 1970 and Dec,1970 - Jan,1971.

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	5	Pole/Log/Sap	7	
Red Maple	7	Sapling/Pole	4	52
Tamarack	30	Pole/Sapling	6	52
Paper Birch	7	Sapling/Pole	4	52
White Pine	10	Log/XLog	16	
Quaking Aspen	10	Pole	6	52
Balsam Poplar	10	Sapling	3	52
Balsam Fir	15	Pole/Sapling	6	52
White Spruce	3	Pole/Sapling	5	
Black Spruce	3	Sapling	4	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	>20 feet	Sapling
Tag Alder	Medium	10 - 20 feet	Tall Shrub
Balsam Fir	High	Variable	Sapling
Tamarack	Low	10 - 20 feet	Sapling
Red Maple	Low	>20 feet	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
59	4113 - R.Maple, Conifer	Poletimber Medium	18.4	105	81-110	N/A	"M-35 Hardwood" #004-06 (unit 1) - select cut fall, 2009. Low quality red maple; wet stand, which includes cedar which was left during harvest. Some aspen (retention) along west edge of stand. East portion of stand was never treated, due to heavier cedar component and access.

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	10	Log/Pole	12	
Red Maple	61	Pole/Log	9	105
Hemlock	2	Log	14	
Paper Birch	2	Pole/Sapling	6	
Black Cherry	4	Pole	6	
Sugar Maple	2	Pole	7	
White Pine	5	XLog	24	
Balsam Fir	5	Pole/Sapling	5	
White Spruce	3	Pole/Log	9	
Quaking Aspen	2	Pole	6	
Yellow Birch	2	Pole/Log	9	
Black Ash	2	Pole/Sapling	5	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	High	5 - 10 feet	Sapling
White Pine	Low	5 - 10 feet	Sapling
Black Cherry	Trace	10 - 20 feet	Sapling
Balsam Fir	Medium	Variable	Sapling
Yellow Birch	Trace	10 - 20 feet	Sapling
Quaking Aspen	High	5 - 10 feet	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
60	6119 - Mixed Lowland Deciduous Forest	Sapling Medium	3.6	5	1-50	N/A	2021: Parker/CNN sale #32-027-16. Following treatment stand is a red maple and aspen sapling stand. Tag alder is competing with saplings.

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	2	Log	12	
Black Cherry	5	Pole/Sapling	6	
White Pine	5	XLog	22	
Red Maple	50	Sapling	1	5
Quaking Aspen	28	Sapling	1	5
Balsam Fir	10	Sapling	2	5



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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61	4112 - Maple, Beech, Cherry Association	Sawtimber Well	15.6	103	81-110	N/A	"M-35 Hardwood" #004-06 (unit 2) - thinned fall, 2009. Basal area varies widely in stand, with lowland areas having lower BA on average. Maple sprouts, seedling, and saplings present at inventory in 2024. Low to moderate amount of maple die-back seen at 2024 inventory as well. Some conifer left along old red line. Some TSI work (firewood cuttings) under C32-152 in Dec, 1980. Ground cover of club moss, princess pine.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Yellow Birch		2	XLog/Log	18		Blackberry/Raspberry		Medium	< 5 feet	Tall Shrub
Paper Birch		2	Pole	6		White Pine		Low	< 5 feet	Seeding
Quaking Aspen		2	Pole	7		Balsam Fir		Medium	Variable	Sapling
White Spruce		2	Log/XLog	14		Sugar Maple		Medium	10 - 20 feet	Sapling
White Pine		2	XLog/Log	20		White Spruce		Low	< 5 feet	Seeding
Black Cherry		2	Log/Pole	11		Red Maple		Medium	< 5 feet	Sapling
Sugar Maple		38	Log/Pole	11	103					
Red Maple		50	Log/Pole	12	103					

62	4139 - Aspen, Mixed Deciduous	Poletimber Well	4.9	43	81-110	N/A	Sale #002-80 - cut summer, 1980. Pole stand of aspen and red maple. Some yellow birch, black spruce.			
Canopy Species		% Cover	Size Class	DBH	Age					
Balsam Fir		10	Sapling/Pole	3						
Red Maple		35	Sapling/Pole	4						
Quaking Aspen		50	Pole/Sapling	5	43					
White Spruce		5	Log	12						

63	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Poor	1.4	88	1-50	N/A	Small lowland stand against private lands. Stand contains pole cedar, black ash and red maple with some tamarack and black spruce mixed in.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple		5	Pole	6		Tag Alder		High	5 - 10 feet	Tall Shrub
Balsam Fir		20	Pole/Sapling	7		Balsam Fir		Medium	Variable	Sapling
Black Spruce		20	Pole/Sap/Log	7						
Northern White Cedar		25	Log/Pole	10	88					
Balsam Poplar		10	Pole	7						
Black Ash		20	Pole/Sap/Log	5						

64	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Poor	21.5	88	1-50	N/A	A lot of wet ground within; N/S drainage/flow. Stand is pole cedar and stunted black ash with some balsam fir and red maple mixed in, one pocket heavy to tamarack on the north end. Basal area is highly variable, with pickets of cedar exceeding 100 BA, and pockets of black ash under 40 BA. Old E/W grade cuts through stand with some balsam fir, small amount of black spruce, cedar north of grade cut under #40-74 (spring,1975) and aspen patch south of grade (along old hwy) cut under permit #2-80.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Quaking Aspen		2	Sapling	4	43	Balsam Fir		Medium	Variable	Sapling
Northern White Cedar		20	Log/Pole	10	88	Tag Alder		High	5 - 10 feet	Tall Shrub
Black Spruce		16	Pole	6						
Hemlock		2	Pole	9						
Balsam Fir		20	Pole/Sapling	7	48					
Balsam Poplar		14	Pole	7						
Red Maple		2	Pole	6						
Black Ash		20	Pole/Sap/Log	5						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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65	4199 - Other Mixed Upland Deciduous	Sapling Medium	5.3	5	1-50	N/A	Stand was cut in 2019 (Parker CNN). 2021: Parker/CNN sale #32-027-16. Following treatment stand is a red maple and aspen sapling stand. Tag alder is competing with saplings.
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	50	Sapling	1	5
Quaking Aspen	35	Sapling	1	5
Northern White Cedar	5	Pole/Log	8	
Balsam Fir	5	Sapling	2	5
Black Spruce	5	Pole/Log	9	

Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	Low	>20 feet	Sapling
Tag Alder	High	< 5 feet	Tall Shrub

66	6120 - Lowland Cedar	Poletimber Poor	167.5	92	81-110	N/A	Stand is highly variable and very wet ground. Mostly small cedar and small black ash poles, with some areas showing mostly tag alder and cattaills. Portions of stand are very poorly stocked. Unproductive forest land. Small 1-2 acre portion cut with sale #009-06 along ridgeline.
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Canopy Species	% Cover	Size Class	DBH	Age
Balsam Poplar	4	Pole/Sapling	6	
Quaking Aspen	4	Pole/Log	8	
Balsam Fir	10	Pole/Sapling	5	
Black Spruce	6	Pole/Sapling	5	
White Spruce	2	Pole/Log	9	
Yellow Birch	2	Pole/Log	8	
Hemlock	2	Pole	8	
Red Maple	4	Pole	6	
Northern White Cedar	50	Pole/Log	8	92
Paper Birch	2	Pole/Sapling	6	
Black Ash	14	Pole/Sapling	5	

Sub-Canopy Species	Density	Avg. Height	Size
Willow spp.	Medium	5 - 10 feet	Tall Shrub
Tag Alder	High	5 - 10 feet	Tall Shrub
Yellow Birch	Low	10 - 20 feet	Sapling
Balsam Fir	Medium	Variable	Sapling
Black Ash	High	10 - 20 feet	Sapling
Balsam Poplar	Low	Variable	Sapling
Red Maple	Low	10 - 20 feet	Sapling

67	6113 - Lowland Maple	Poletimber Poor	20.6	97	51-80	N/A	"Batter's Corner Block" #008-96 shelterwood cut - Dec., 1997. Lower grounds heavier to fir/aspens/red maple saplings with red maple poles interspersed throughout. Fairly mixed age classes. Left all cedar, white pine and hemlock.
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Canopy Species	% Cover	Size Class	DBH	Age
White Pine	1	XLog	20	
Hemlock	5	Log/Pole/XLog	12	
Red Maple	70	Pole	8	97
Balsam Fir	19	Pole/Sapling	6	26
Northern White Cedar	3	Log/Pole	10	
Yellow Birch	2	Log/XLog	16	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Medium	Variable	Sapling
Balsam Fir	High	Variable	Sapling
Quaking Aspen	Medium	>20 feet	Sapling
Black Cherry	Low	Variable	Sapling
Hazelnut (Beaked)	Low	< 5 feet	Tall Shrub

68	6119 - Mixed Lowland Deciduous Forest	Sapling Medium	9.0	5	1-50	N/A	Mix of slightly upland and lowland grounds along highway. Stand recently cut, aspen regeneration and red maple stump sprouts throughout, with balsam fir regeneration taking over in patches. Stand is mostly fully stocked, with patches being taken over by sedges, raspberry, and tag alder. Trace amount of cherry. Portion of stand was previously set-up and sold under permit #004-06, but was never cut, due to limited access and weather constraints. Sale was completed in 2019 (Parker CNN).
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Canopy Species	% Cover	Size Class	DBH	Age
Yellow Birch	3	Log/Pole	10	
Quaking Aspen	35	Sapling	2	5
Black Cherry	2	Pole	8	
Sugar Maple	2	Pole	6	
Northern White Cedar	8	Log/Pole	10	
Red Maple	47	Sapling	2	5
Black Ash	2	Pole/Sapling	7	
White Pine	1	XLog	24	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	Variable	Sapling
Tag Alder	Low	5 - 10 feet	Tall Shrub
Mixed Sedges/Grasses	High	Unspecified	Non-Wood
Wild Red Raspberry	Low	5 - 10 feet	Tall Shrub



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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69 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Medium 11.8 105 81-110 N/A

"In Between Block" #009-96 - cut Feb - March, 1998. Shelterwood cut. Trace amount of white spruce, yellow birch, elm. Numerous large diameter, wildlife quality, maple present. Pockets of balsam poplar in lower areas.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	30	Pole	6	26
Northern White Cedar	35	Pole	9	105
Hemlock	1	Log	14	
Balsam Fir	25	Pole/Sapling	5	26
Sugar Maple	1	Pole	7	
Yellow Birch	1	Pole/Log	9	105
Black Cherry	5	Sapling/Pole	3	26
White Pine	2	XLog	24	

Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	Medium	Variable	Sapling
White Pine	Low	Variable	Sapling
White Spruce	Low	< 5 feet	Seeding
Balsam Poplar	Medium	Variable	Sapling
Hazelnut (Beaked)	Medium	< 5 feet	Tall Shrub
Balsam Fir	High	Variable	Sapling
Red Maple	Medium	>20 feet	Sapling
Black Spruce	Trace	< 5 feet	Sapling
Sugar Maple	Low	>20 feet	Sapling

SF 2024: split off from stand 27 (M8) to the east because this block was shelterwood treated and had much different stocking.

70 6112 - Lowland Aspen Sapling Well 4.0 37 1-50 N/A

T. sale #030-85 - cut 1986,87. Aspen pole stand. Some aspen growing slowly because of saturated soils.

Canopy Species	% Cover	Size Class	DBH	Age
Black Ash	3	Pole	5	
Quaking Aspen	85	Sapling/Pole	4	37
Balsam Fir	5	Sapling	3	
Paper Birch	2	Sapling/Pole	4	
Red Maple	5	Sapling	4	

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

71 4191 - Mixed Upland Deciduous with Conifer Sapling Well 3.2 27 1-50 N/A

Slightly upland knob cut under permit #009-96 (unit 4) "In Between Block" sale - Oct.-Nov. 1997. Scattered residual cherry, red maple poles (6-7" dbh).

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	30	Sapling/Pole	4	27
Black Cherry	20	Sapling	2	
Quaking Aspen	5	Sapling/Pole	4	27
Balsam Poplar	5	Sapling	3	
Northern White Cedar	8	Pole/Log	8	
Balsam Fir	30	Sapling/Pole	4	27
Hemlock	2	XLog	20	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	Variable	Sapling
Tag Alder	Low	5 - 10 feet	Tall Shrub



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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72	4112 - Maple, Beech, Cherry Association	Sawtimber Medium	8.6	105	81-110	N/A	"In Between Block" #009-96 - cut Feb - March, 1998. Shelterwood and select cut. Trace amount of white spruce, yellow birch, elm. Numerous large diameter, wildlife quality, maple present. Pockets of balsam poplar in lower, shelterwood cut areas.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Hemlock		2	Log	14		Red Maple		Medium	>20 feet	Sapling
Northern White Cedar		4	Log/Pole	10		Balsam Fir		High	Variable	Sapling
Black Cherry		7	Log/Pole	12		Black Cherry		Medium	Variable	Sapling
White Pine		2	XLog	24		White Pine		Low	Variable	Sapling
Paper Birch		5	Pole/Log	9		Balsam Poplar		Medium	Variable	Sapling
Red Maple		75	Log/Pole	11	105	Sugar Maple		Low	>20 feet	Sapling
Balsam Fir		2	Pole/Sapling	5		White Spruce		Low	< 5 feet	Seeding
Sugar Maple		3	Pole	7		Hazelnut (Beaked)		Medium	< 5 feet	Tall Shrub

74	4199 - Other Mixed Upland Deciduous	Poletimber Well	4.9	97	81-110	N/A	"In Between Block" #009-96 (unit 5, 10) - shelterwood and select cut Oct., 1997. Trace black ash along lower grounds. Not much maple regeneration noted at 2024 inventory.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Sugar Maple		15	Pole	7		Red Maple		Low	Variable	Sapling
Red Maple		40	Pole/Log	9	97	Balsam Fir		Medium	Variable	Sapling
Balsam Fir		15	Pole/Sapling	5		Black Cherry		Low	< 5 feet	Sapling
Northern White Cedar		2	Log	11		Sugar Maple		Low	Variable	Sapling
Hemlock		2	Pole	9						
Black Cherry		4	Pole/Log	8						
Quaking Aspen		12	Sapling	3	26					
Balsam Poplar		10	Sapling/Pole	4	26					

75	4112 - Maple, Beech, Cherry Association	Sawtimber Well	13.0	98	111-140	N/A	"In Between Block" #009-96 (unit7, 8) - shelterwood and select cut Sept, 1997. Also cut under permit #018-83-02 - some hdwd and all fir cut - fall, 1983 - spring, 1984. Interior of stand is more log-sized maple with moderate maple regeneraton saplings noted, and good maple seedling regeneration seen (heavy browse on regeneration less than 3' in height); trace conifers. Edges transition into pole-sized maple with more conifers, including hemlock patches, fir, black ash, and cedar. Also includes small tagalder swale.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple		45	Log/Pole/XLog	12	98	Maple (spp.)		Full	< 5 feet	Seeding
Balsam Fir		3	Pole/Sapling	6		Balsam Fir		Medium	Variable	Sapling
Hemlock		10	Log	16		Maple (spp.)		Medium	10 - 20 feet	Sapling
Sugar Maple		40	Log/Pole	11	98					
Northern White Cedar		2	Pole/Log	9						

76	110 - Low Intensity Urban	Nonstocked	1.1			No	Communication tower site and surrounding edges
Sub-Canopy Species		Density	Avg. Height	Size			
Balsam Fir		Low		Pole			
Red Maple		Low		Pole			
Quaking Aspen		Trace		Pole			
Black Cherry		Trace		Pole			
White Spruce		Trace		Pole			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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77 6220 - Alder/willow Nonstocked 3.4 No dead snags/stumps; beaver influence area

Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	Trace		Sapling
Tag Alder	Medium		Tall Shrub
Paper Birch	Trace		Sapling

78 4130 - Aspen Poletimber Well 16.1 37 51-80 N/A T. sale #030-85 - cut 1986-87 (with comp't 5)

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	9	Pole	6	37	White Pine	Low	10 - 20 feet	Sapling
Black Ash	5	Pole	5		Tag Alder	Low	5 - 10 feet	Tall Shrub
Tamarack	1	Pole	5		White Spruce	Medium	Variable	Seeding
Sugar Maple	3	Sapling	4		Blackberry/Raspberry	Medium	< 5 feet	Tall Shrub
White Spruce	1	Pole	9		Balsam Fir	Medium	Variable	Sapling
Paper Birch	5	Sapling/Pole	4					
White Pine	2	Log	14					
Black Cherry	4	Sapling	3					
Quaking Aspen	70	Pole/Sapling	6	37				

79 6128 - Lowland Coniferous, Mixed Poletimber Well 56.7 111 81-110 N/A Thick and thin concentrations of C/H; some blowdown (mainly cedar).
Deciduous Trace amounts of WP (supercanopy), PB, BC and aspen.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	5	Log/Pole	10		Black Ash	Medium	>20 feet	Sapling
White Spruce	10	Pole/Log	9		Tag Alder	High	< 5 feet	Tall Shrub
Northern White Cedar	40	Pole/Log	9	111	White Spruce	Medium	>20 feet	Sapling
Hemlock	10	Log/Pole	10		Balsam Fir	Medium	>20 feet	Sapling
Black Ash	25	Pole/Sapling	6					
Red Maple	5	Pole/Log	8					
Balsam Fir	5	Pole/Sapling	5					

80 4112 - Maple, Beech, Cherry Association Sawtimber Well 15.0 97 81-110 N/A 2021: This stand was thinned approximately in 2016.
T. sale #007-94 "RA Hardwood" (unit 2) - cut May, June, 1994.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	2	Pole	7		Balsam Fir	Low	Variable	Sapling
White Spruce	2	Log	10		White Spruce	Low	< 5 feet	Seeding
White Pine	2	XLog	30		Sugar Maple	Medium	>20 feet	Sapling
Sugar Maple	48	Log/Pole	10	97	Red Maple	Low	>20 feet	Sapling
Black Cherry	2	Log	13					
Red Maple	40	Log/Pole	10					
Basswood	2	Log/XLog	16					
Yellow Birch	2	Log	14					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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81 6220 - Alder/willow Nonstocked 4.9 Immature No

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	High		Tall Shrub
White Spruce	Low		Pole
Northern White Cedar	Low		Pole
Black Ash	Medium		Pole
Balsam Fir	Low		Sapling

83 6120 - Lowland Cedar Poletimber Well 13.0 111 N/A

Ground cover of leatherleaf, grasses noted. Very little understory variability - most is greater than 10' hts.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Pole	7	
Northern White Cedar	50	Pole	8	111
Yellow Birch	5	Pole/Log	9	
White Pine	10	XLog/Log	18	
Tamarack	10	Pole	9	
Hemlock	10	Log/Pole	10	
Black Spruce	10	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	Low	>20 feet	Sapling
Balsam Fir	Medium	Variable	Sapling

84 6120 - Lowland Cedar Poletimber Well 13.6 102 111-140 N/A

Ground cover of labrador tea, tagalder

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	50	Pole/Log	9	102
White Pine	5	Log	16	
Tamarack	5	Pole/Log	9	
Quaking Aspen	2	Log	12	
Black Spruce	10	Pole/Log	8	
Paper Birch	2	Log	10	
Yellow Birch	2	Log/Pole	12	
Black Ash	20	Pole/Sapling	5	
Red Maple	2	Pole/Log	9	
Hemlock	2	Log	11	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	Variable	Sapling
Labrador Tea	Medium	< 5 feet	Tall Shrub
Tag Alder	High	< 5 feet	Tall Shrub

85 4139 - Aspen, Mixed Deciduous Sapling Well 19.3 16 Immature N/A

"Old Griz #2" sale #005-04 (unit 4) - cut in 2008. Mainly RM sprouts/clumps - fairly well-stocked.

Canopy Species	% Cover	Size Class	DBH	Age
Black Ash	5	Sapling/Pole	4	
Balsam Fir	5	Pole	6	
Northern White Cedar	2	Pole	8	
Quaking Aspen	50	Sapling	3	16
White Spruce	3	Pole	8	
Red Maple	35	Sapling/Pole	1	16

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	< 5 feet	Seeding
Blackberry/Raspberry	Full	< 5 feet	Tall Shrub



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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86 4112 - Maple, Beech, Cherry Association Poletimber Well 7.4 93 81-110 N/A "Old Griz #2" sale #005-04 (unit 2) - select cut Jan/Feb, 2008.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	2	Log	12		Paper Birch	Low	10 - 20 feet	Sapling
White Pine	2	Log/XLog	16		Balsam Fir	Medium	Variable	Sapling
Red Maple	60	Pole/Log	9	93	Quaking Aspen	Low	10 - 20 feet	Sapling
Paper Birch	2	Log/Pole	10		Black Cherry	Low	10 - 20 feet	Sapling
Hemlock	4	Pole/Log	8		Sugar Maple	Medium	Variable	Sapling
Sugar Maple	30	Pole/Log	8		Red Maple	Low	5 - 10 feet	Sapling

87 4119 - Mixed Northern Hardwoods Poletimber Well 4.6 93 51-80 N/A T. sale #006-94 "Old Griz Block" (unit 1) - cut Sept., 1997. Basal area is low.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	2	Log/Pole	10		Maple (spp.)	Low	10 - 20 feet	Sapling
Black Ash	10	Pole/Sapling	6		White Pine	Low	10 - 20 feet	Sapling
Red Maple	35	Pole/Log	9	93	Quaking Aspen	Medium	>20 feet	Sapling
Balsam Fir	4	Pole	7		Balsam Fir	High	Variable	Sapling
Northern White Cedar	12	Log/Pole	10		Blackberry/Raspberry	Medium	< 5 feet	Tall Shrub
White Spruce	2	Pole	7					
Sugar Maple	35	Log/Pole	10					

88 6120 - Lowland Cedar Poletimber Medium 9.9 102 51-80 N/A Primarily cedar with small pole cherry and black ash ash in patches.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Ash	5	Pole	7		Tag Alder	High	< 5 feet	Tall Shrub
Balsam Fir	20	Sapling/Pole	4		Balsam Fir	High	10 - 20 feet	Sapling
White Spruce	10	Pole/Log	8					
Northern White Cedar	55	Pole	8	102				
Quaking Aspen	2	Pole	6					
Red Maple	4	Pole	9					
Hemlock	4	Log/Pole	10					

89 4130 - Aspen Sapling Medium 26.3 25 51-80 N/A "Corner Aspen Block" sale # 005-94 - cut July, 1997-Feb, 1998. Small patch of hardwoods w/in SE corner of stand; select cut under same permit. Stand also contains interior patches/pockets of S/C/H and trace amounts of WP(supercanopy).

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	2	Pole	9		Hazelnut (Beaked)	Low	< 5 feet	Tall Shrub
Balsam Fir	5	Pole/Sapling	5		White Spruce	Low	Variable	Sapling
White Spruce	5	Pole	8		Ironwood	Low	5 - 10 feet	Sapling
Quaking Aspen	75	Sapling/Pole	4	25	Willow spp.	Medium	5 - 10 feet	Tall Shrub
Paper Birch	2	Sapling	2	25	Black Ash	Low	>20 feet	Pole
Hemlock	3	Pole	9		Tag Alder	Low	< 5 feet	Tall Shrub
Black Cherry	5	Sapling	1	25	Balsam Fir	Medium	Variable	Sapling
Red Maple	3	Sapling	1	25				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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90 4119 - Mixed Northern Hardwoods Sawtimber Medium 8.5 90 81-110 N/A "Old Griz #2" sale #005-04 (unit 1) - select cut Jan., Feb, 2008

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	2	Pole	8		Red Maple	Medium	< 5 feet	Seeding
Sugar Maple	20	Pole/Log	9		Balsam Fir	Medium	Variable	Sapling
Red Maple	54	Log/Pole	10	90	White Spruce	Medium	Variable	Sapling
Paper Birch	5	Log/Pole	12		Maple (spp.)	High	< 5 feet	Seeding
White Spruce	2	Pole	8		Blackberry/Raspberry	High	< 5 feet	Tall Shrub
Balsam Fir	2	Pole	8		Balsam Poplar	Medium	5 - 10 feet	Sapling
Hemlock	5	Log/Pole	10					
Northern White Cedar	10	Log/Pole	10					

91 6220 - Alder/willow Nonstocked 52.0 No Open grass/sedge marsh areas with tagalder perimeter and tagalder with balsam fir/spruce/black ash connector patches. Un-named creek/drainage within. Many beaver dams observed.

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium		Pole
Northern White Cedar	Low	10 - 20 feet	Sapling
Tag Alder	High		Tall Shrub
Black Ash	Medium	10 - 20 feet	Pole
White Pine	Low		Log
Black Spruce	Medium		Pole

92 4112 - Maple, Beech, Cherry Association Poletimber Medium 2.7 93 51-80 N/A Isolated patch of hardwood. (part of) "Old Griz Block" sale #006-94 (unit 2) - cut Sept, 1997. Balsam fir is impeding hardwood regeneration.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	50	Log/Pole	10	93	Balsam Fir	High	Variable	Sapling
Quaking Aspen	10	Sapling/Pole	2		Quaking Aspen	Medium	>20 feet	Sapling
Balsam Fir	4	Pole	6					
Northern White Cedar	4	Pole	9					
White Spruce	2	Pole/Log	8					
Sugar Maple	30	Pole/Log	9					

93 6120 - Lowland Cedar Poletimber Medium 7.3 112 81-110 N/A Lowland conifers with tagalder, ash. Dead BF

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	6	Pole	6		Black Spruce	Low	>20 feet	Sapling
Northern White Cedar	50	Pole/Sap/Log	7	112	Hazelnut (Beaked)	Medium	< 5 feet	Tall Shrub
Black Ash	20	Sapling	4		Black Ash	Medium	>20 feet	Sapling
Black Spruce	10	Pole	7		Tag Alder	Full	5 - 10 feet	Tall Shrub
White Spruce	2	Log/Pole	10		Balsam Fir	Medium	10 - 20 feet	Sapling
Red Maple	10	Pole/Log	9					
Paper Birch	2	Log/Pole	10					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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94	6120 - Lowland Cedar	Poletimber Well	49.4	112	111-140	N/A	Mainly cedar poles and ash saplings within interior. Areas of slightly higher ground/narrow ridges, esp. along road edge, contain larger conifers. Pocket of tagalder, cattails, dead cedar along private.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Balsam Fir	2	Pole	7			Balsam Fir	Low	5 - 10 feet	Sapling	
Quaking Aspen	2	Log	14			Tamarack	Low	< 5 feet	Seeding	
Northern White Cedar	50	Pole/Sap/Log	6	112		Black Ash	Medium	>20 feet	Sapling	
Tamarack	4	Pole	8							
White Spruce	2	Log/Pole	10							
Balsam Poplar	2	Pole/Log	8							
Yellow Birch	2	Log/Pole	12							
Black Ash	32	Sapling/Pole	4							
Red Maple	2	Log/Pole	12							
Hemlock	2	Log	10							

95	4130 - Aspen	Sapling Well	23.7	18	Immature	N/A	"Mid 19 Mix" sale #006-04 (unit 1) - cut August, Sept., 2005. Retention of C,H,WP,YB. Some swales/low areas within (ash, cattails). Northern 2 acre patch in stand is regenerating to balsam fir, birch, cherry, and red maple.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Hemlock	5	Log	12			Red Maple	Medium	< 5 feet	Sapling	
Northern White Cedar	5	Pole/Log	8			Balsam Fir	Medium	5 - 10 feet	Sapling	
Red Maple	18	Sapling	1	18		Blackberry/Raspberry	Medium	< 5 feet	Tall Shrub	
Quaking Aspen	70	Sapling	3	18						
Red Maple	2	Pole/Log	8							

96	4112 - Maple, Beech, Cherry Association	Poletimber Medium	8.6	90	81-110	N/A	"Mid 19 Mix" sale #006-04 (unit 4) - select cut August, 2005.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Paper Birch	3	Log/Pole	11			Quaking Aspen	Medium	10 - 20 feet	Sapling	
Balsam Fir	2	Pole/Sapling	6			Ironwood	Low	10 - 20 feet	Sapling	
White Pine	2	XLog/Log	18			White Spruce	Low	Variable	Pole	
Red Maple	45	Pole/Log	9	90		Balsam Fir	Medium	10 - 20 feet	Sapling	
Hemlock	2	Log/Pole	11			Blackberry/Raspberry	High	< 5 feet	Tall Shrub	
White Spruce	2	Pole/Log	8			Maple (spp.)	Medium	>20 feet	Sapling	
Northern White Cedar	2	Log/Pole	10							
Sugar Maple	40	Pole/Log	9							
Black Cherry	2	Pole	6							



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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97 6120 - Lowland Cedar Poletimber Well 3.8 103 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	6	Log/Pole	12		Tag Alder	Medium	5 - 10 feet	Tall Shrub
Yellow Birch	4	Pole	7		Balsam Fir	Medium	Variable	Sapling
Balsam Fir	10	Pole/Sapling	7					
Black Spruce	10	Pole/Sapling	7					
Black Cherry	2	Sapling/Pole	4					
Northern White Cedar	60	Pole/Log	8	103				
Black Ash	8	Pole/Sap/Log	6					

98 4112 - Maple, Beech, Cherry Association Poletimber Medium 5.0 90 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	2	Pole	7		Red Maple	Low	5 - 10 feet	Sapling
Northern White Cedar	3	Log/Pole	10		White Spruce	Low	10 - 20 feet	Sapling
White Pine	2	XLog	22		Blackberry/Raspberry	High	< 5 feet	Tall Shrub
Sugar Maple	46	Pole/Log	8	90	Maple (spp.)	Low	>20 feet	Sapling
Black Cherry	2	Log	13		Alder	Low	5 - 10 feet	Tall Shrub
Red Maple	35	Pole/Log	9		Balsam Fir	High	10 - 20 feet	Sapling
Paper Birch	2	Pole	7					
Hemlock	4	Log/XLog/Pole	12					
White Spruce	4	Log/Pole	10					

"Mid 19 Mix" sale #006-04 (unit 3) - cut August, 2005. Stand was previously set-up as "Lost Boat Block" #004-94 (unit 2), but was never harvested. West part of stand is red maple on lower ground, and is heavier to cedar. Regeneration there is impeded by balsam fir, tag alder, grass. East part of stand is low quality upland northern hardwoods.

99 4130 - Aspen Poletimber Medium 15.0 32 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	2	Pole/Sapling	6		Balsam Fir	High	Variable	Sapling
Black Spruce	5	Pole/Sapling	5		Black Spruce	Medium	Variable	Sapling
Northern White Cedar	5	Pole	7		Paper Birch	Medium	>20 feet	Sapling
Red Maple	5	Sapling/Pole	3		Willow spp.	Low	< 5 feet	Tall Shrub
White Pine	2	Log/Pole/XLog	10		Red Maple	Low	5 - 10 feet	Sapling
Paper Birch	4	Sapling/Pole	4	32	Black Cherry	Low	Variable	Sapling
Black Cherry	2	Sapling/Pole	3		White Pine	Low	5 - 10 feet	Sapling
Balsam Poplar	10	Sapling	3		Northern White Cedar	Medium	10 - 20 feet	Sapling
Quaking Aspen	60	Sapling/Pole	4	32	Yellow Birch	Low	Variable	Sapling
Balsam Fir	5	Pole/Sapling	5		Tag Alder	High	5 - 10 feet	Tall Shrub
					White Spruce	Low	Variable	Sapling

"Parker Spur West Block" #010-86 - cut 1990 - 1992. Higher ridges with upland aspen. Patchy clone regeneration and residual pockets of spruce/fir.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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100	6128 - Lowland Coniferous, Mixed Deciduous	Sapling Poor	7.2	32	1-50	N/A	"Parker Spur West Block" #010-86 - cut 1990 - 1992. Low ground. Heavier to tagalder, spruce, paper birch and cedar seedlings/saplings.
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Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	20	Sapling	4	32
Northern White Cedar	40	Sapling	2	32
Paper Birch	15	Sapling	2	32
Quaking Aspen	10	Sapling	3	32
Black Spruce	15	Sapling	4	32

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