Compartment Review Presentation

Roscommon Forest Management Unit

Compartment **71012**
Entry Year **2027**
Acreage: **3,534**
County: **Roscommon**
Management Area: **High Sand Plains**

Stand Examiner: Brian Martell

Legal Description:

T21N R04W Sections 4, 5, 6, 9 and 16

Identified Planning Goals:

Maintain age and species diversity in a range of early and late successionalecosystems while managing for forest health, productivity, and sustainability.

Soil and topography:

The uplands are mostly 0-6% slopes Croswell sands and the lowlands are mostly Tawas and Lupton mucks.

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

This compartment is a continuous block of state land that is surrounded by state land except for the northern border.

Unique Natural Features:

Great Blue Heron Rookery occurrence in vicinity last observed in 1978. Bald Eagle nest observed as recently as 2021. Osprey occurrence in vicinity last observed 1991. Eastern Massasauga Rattlesnake observed as recently as 2020. Blanding's turtle last observed in 2021. Northern Long Eared Bat occurrence in vicinity last observed 1986. Known wood turtle occurrence in Wolf Creek.

Archeological, Historical, and Cultural Features:

None known.

Special Management Designations or Considerations:

Bear Creek Flooding State Wildlife Management Area covers a good portion of this compartment. The very northeastern part of the Eastern Massasauga Managed Land intersects with the very western portion of the compartment.

Watershed and Fisheries Considerations:

Both Bear Creek and Wolf Creek, which feed the Muskegon River, run through portions of this compartment.

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for economic deposits of metallic minerals in this part of the state. No known active sand/gravel operations exist within four miles. Potential for any sand & gravel development within the compartment may be limited due to the prevalence of wetlands. The nearest hydrocarbon production, past or present, is roughly two miles north. There has been no recent well permitting activity around the compartment, and there is also no current leasing activity involving State-owned oil & gas rights in the area. Potential for future oil & gas development within the compartment is considered low at this time. The State does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, the surface owner must provide the owner of the mineral rights reasonable access to the surface for mineral exploration and development.

Vehicle Access:

There is good vehicle access to most of the high ground in this compartment. Canoe Camp Road, Sparrow Road, Paddle Trail, and Reece Road are all seasonal county roads that feed a web of state forest two-tracks.

Survey Needs:

None at this time.

Recreational Facilities and Opportunities:

The snowmobile trail runs on a county road through short a portion of the compartment.

Fire Protection:

Additional Compartment Information:

The following reports from the Inventory are attached:

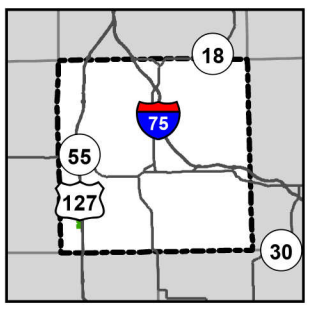
- **Total Acres by Cover Type and Age Class**
- **Cover Type by Harvest Method**
- **Proposed Treatments – No Limiting Factors**
- **Proposed Treatments – With Limiting Factors**
- **Stand Details (Forested and Nonforested)**
- **Dedicated and Proposed Special Conservation Areas**
- **Site Condition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

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

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

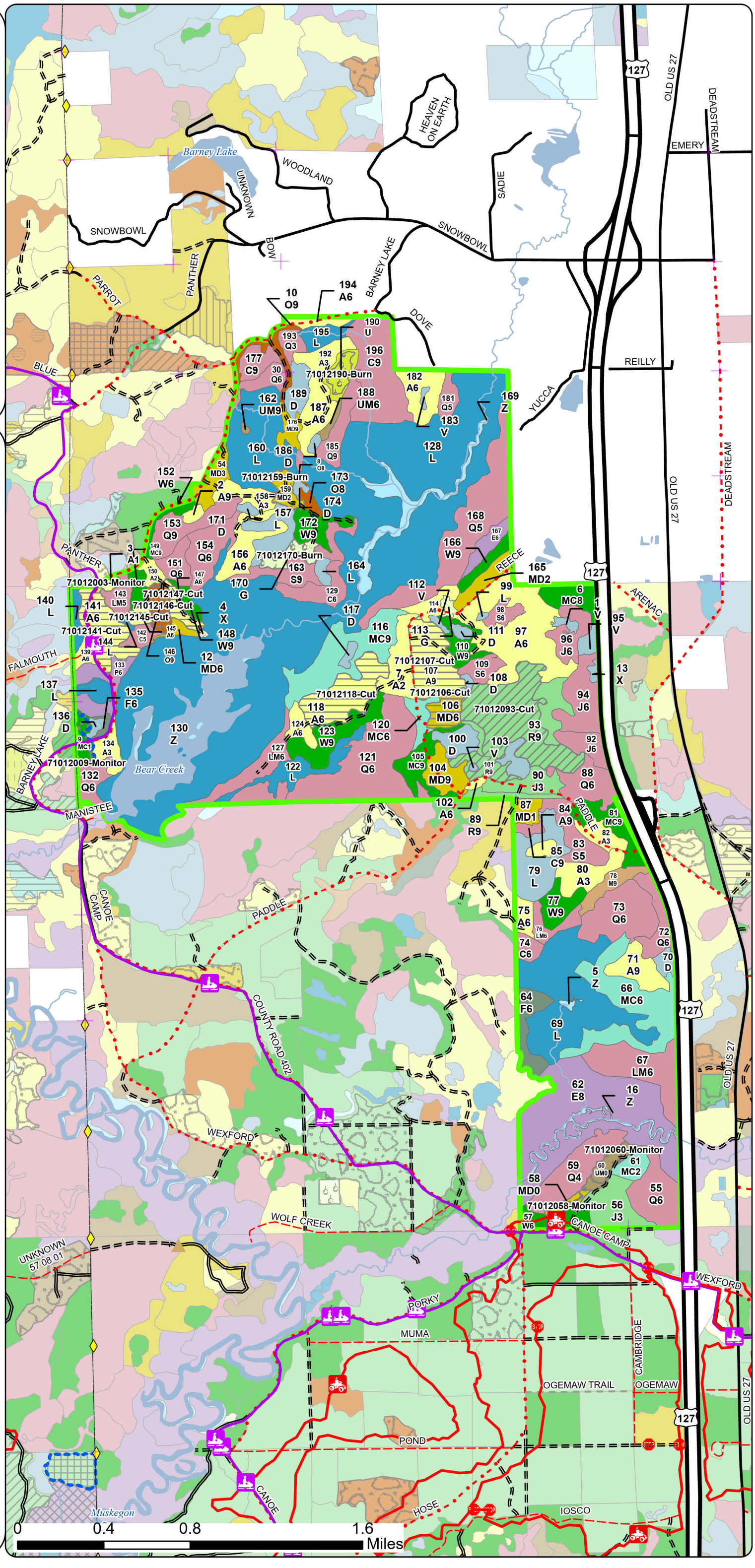
Cover Type & Treatments Map

Compartment: 71012
T22N, R04W, Sec. 16-21, 30-31
County: Roscommon
Unit: Roscommon
Mgmt. Area: High Sand Plains
YOE: 2027
Acres: 3,533.69 GIS Calculated
Examiner: Brian Martell
Date Exported: 6/10/2025
Map Phase: Web Post



N

- Remonumented Section Corners
- Survey Grade Corners
- Berms
- Sign
- Designated ORV Routes
- Designated Snowmobile Trails
- Designated ATV Trails
- 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
- Perennial River
- Lakes and Rivers
- Counties
- Compartment Boundary
- Treatments with Site Conditions
- Clearcut
- Seed Tree
- Thinning
- Prescribed Burn
- Monitoring - Regeneration
- Clearcut
- Selection
- Strip/Patch Cut
- Seed Tree
- Shelterwood
- Thinning
- Overstory Removal
- Site Prep
- Planting (tree species)
- Prescribed Burn
- Openings Mgmt.
- Monitoring - Regeneration
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Decidous
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 500 - Water
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Road/Parking Lot
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 629 - Mixed non-forested Wetland
- 790 - Other Bare/Sparsely Vegetated



Stand Boundary Map

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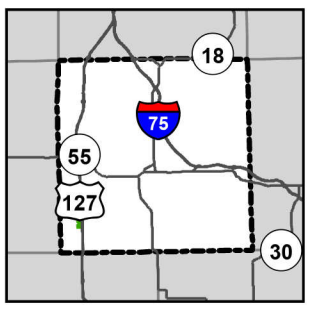

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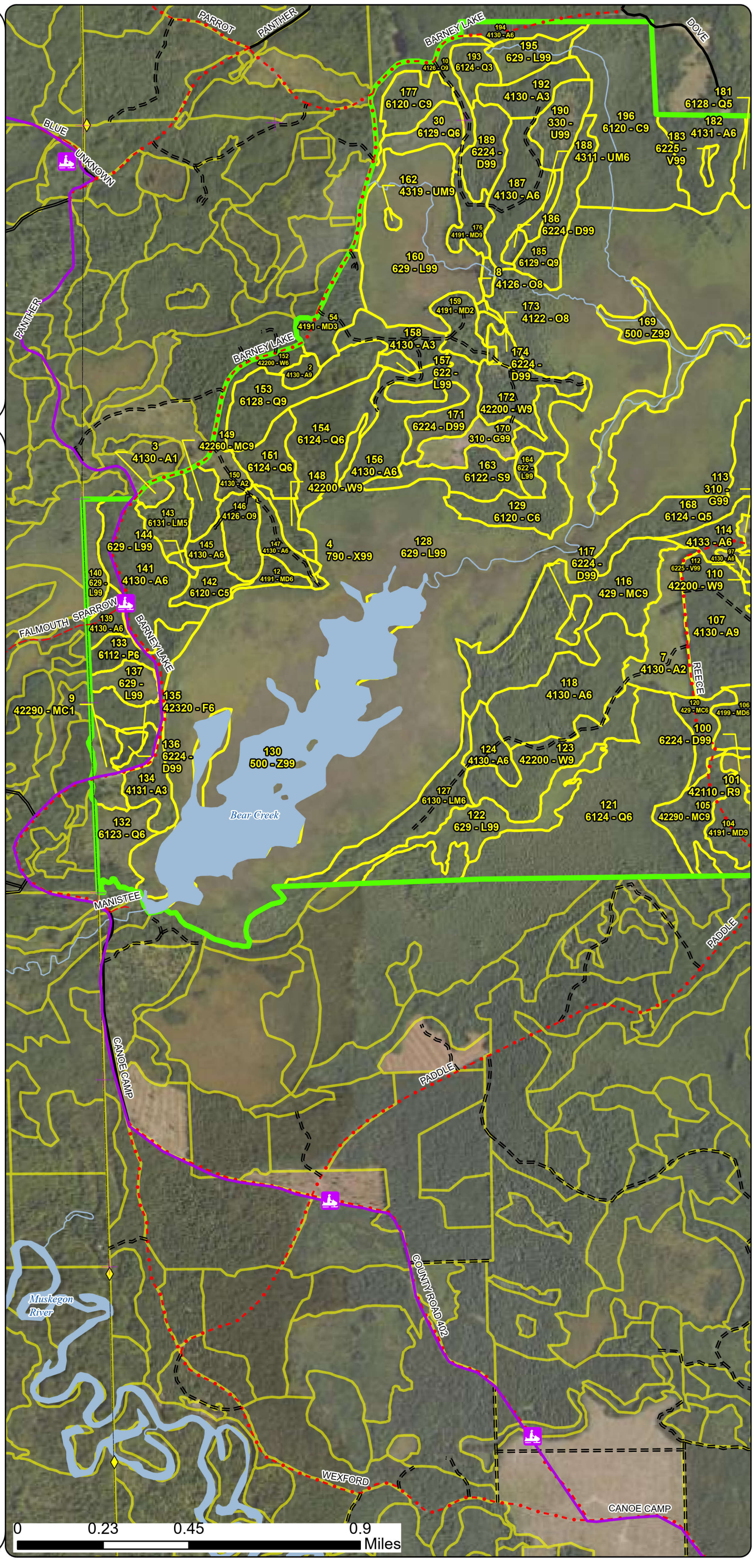

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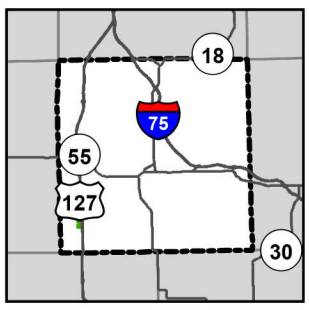

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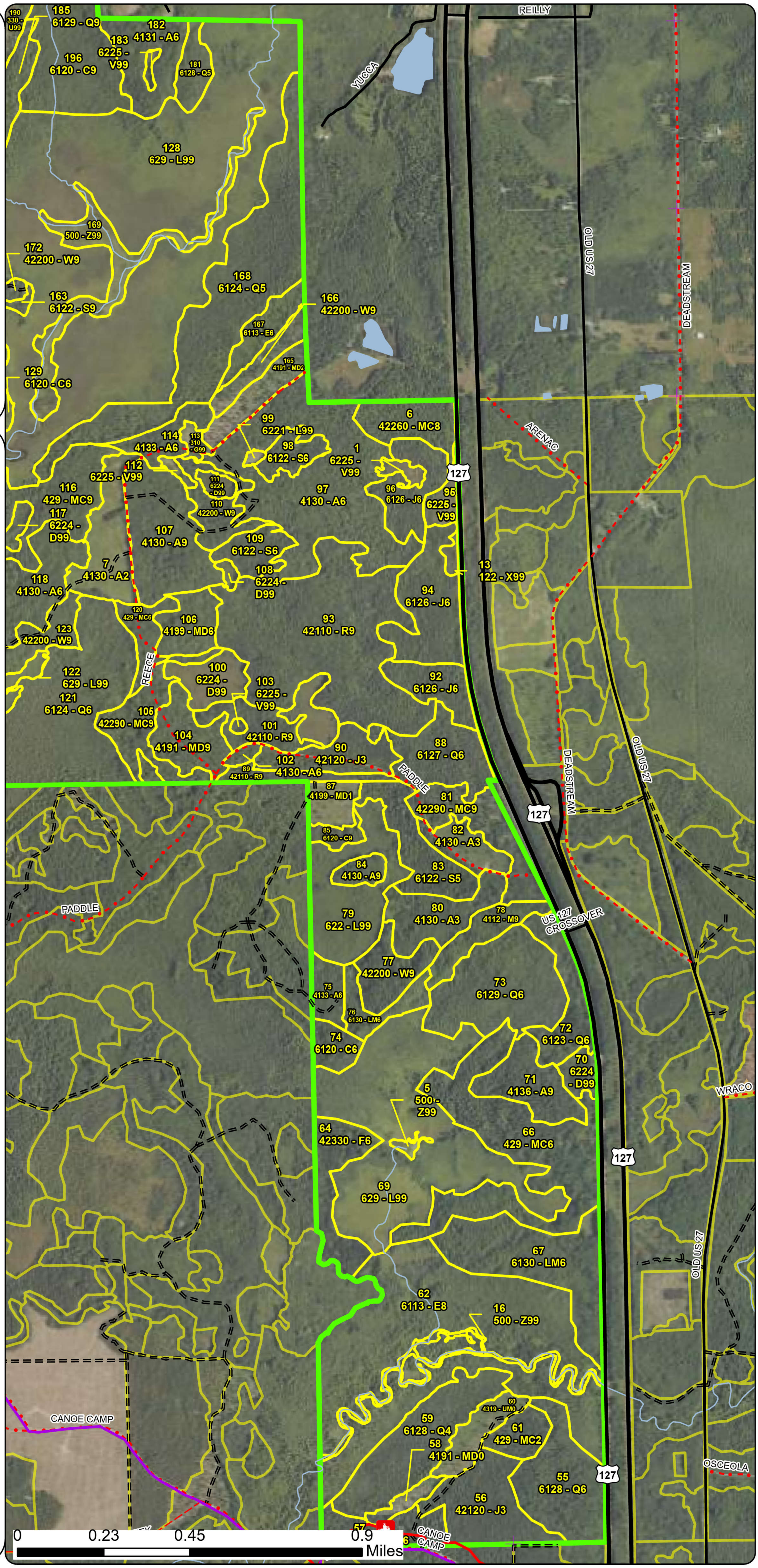

Special Conservation Areas & Site Conditions Map

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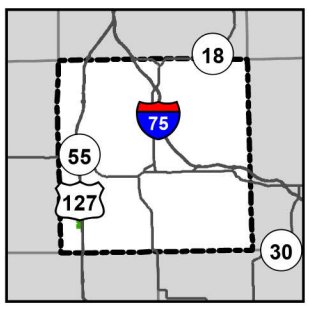

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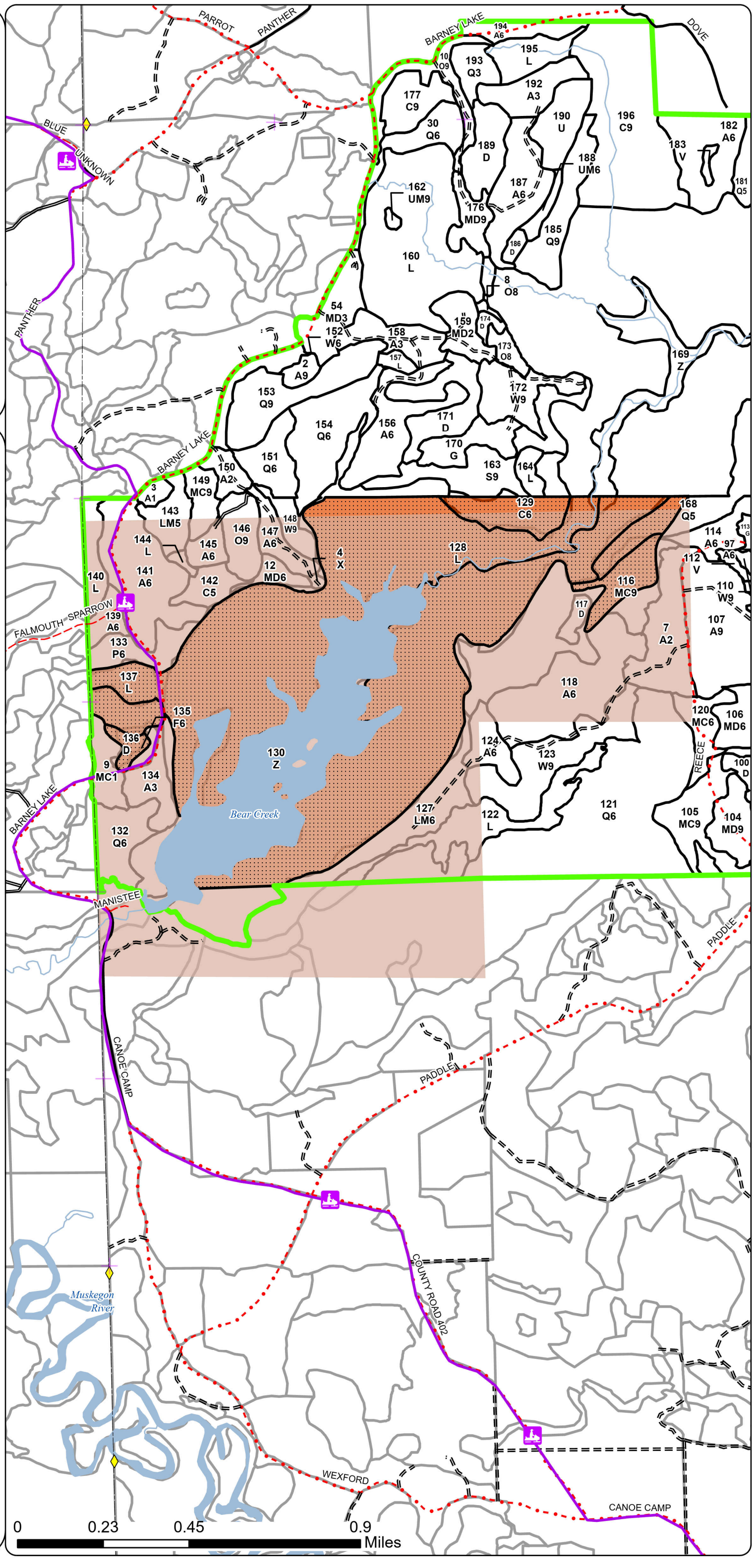
- Stand Boundaries
- SCA
- Wildlife Research Areas
- Other Habitat Area



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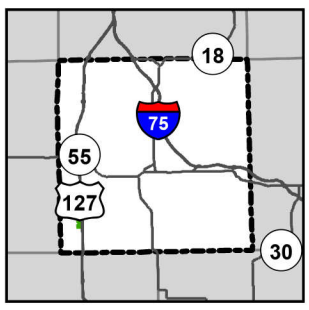

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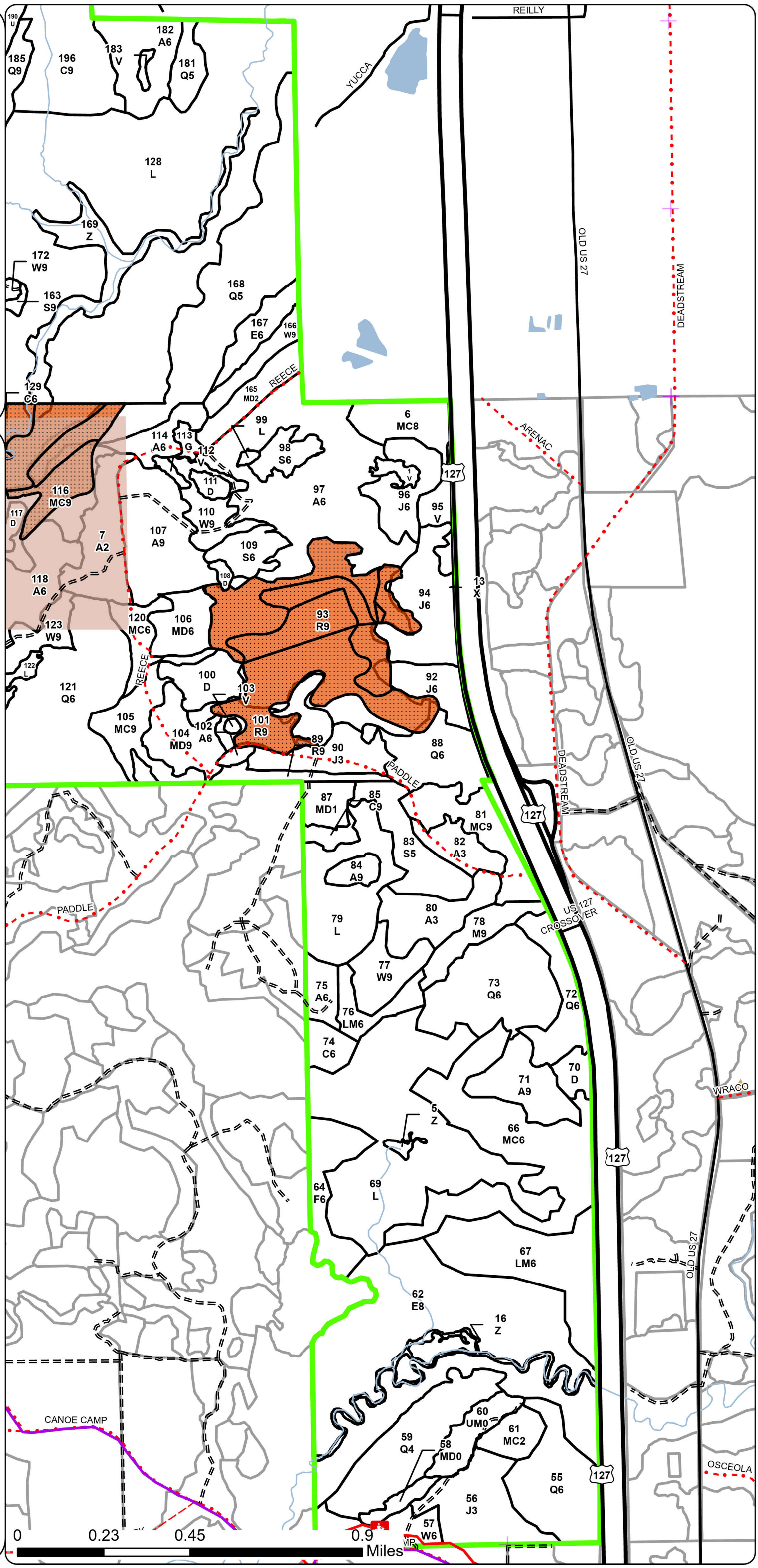
- Wildlife Research Areas
- Other Habitat Area



Report 1 – Total Acres by Cover Type and Age Class

Roscommon Mgt. Unit **Compartment 12** **Year of Entry 2027**

Brian Martell : Examiner

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	47	34	14	99	35	224	0	4	0	0	27	0	0	0	0	0	0	**484**
Bare/Sparsely Vegetated	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**
Bog	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**16**
Cedar	0	0	0	0	0	0	0	0	0	0	0	24	0	22	8	0	65	0	**118**
Herbaceous Openland	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**16**
Jack Pine	0	0	0	0	82	0	0	0	0	34	0	0	0	0	0	0	0	0	**116**
Low-Density Trees	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**15**
Lowland Aspen/Balsam Poplar	0	0	0	0	0	0	23	0	0	0	0	0	0	0	0	0	0	0	**23**
Lowland Conifers	0	0	0	0	8	0	0	21	0	14	50	356	49	0	0	0	0	0	**498**
Lowland Deciduous	0	0	0	0	0	0	0	0	0	12	0	157	0	0	0	0	0	0	**169**
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	49	37	22	0	0	0	0	0	0	**108**
Lowland Shrub	991	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**991**
Lowland Spruce/Fir	0	0	0	0	0	0	24	0	0	12	37	0	0	0	0	0	0	0	**73**
Mixed Upland Deciduous	5	23	16	11	0	9	34	0	0	5	0	0	0	0	0	0	0	0	**103**
Natural Mixed Pines	0	11	0	0	0	0	0	24	26	0	0	0	0	22	0	0	0	0	**83**
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	14	0	0	0	0	0	0	0	**14**
Oak	0	0	0	0	0	0	0	0	0	19	0	13	0	0	0	0	0	0	**32**
Red Pine	0	0	0	0	0	0	0	0	0	0	132	0	0	0	0	0	0	0	**132**
Treed Bog	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**80**
Upland Conifers	0	0	0	0	10	0	0	74	0	59	11	0	0	0	0	0	0	0	**154**
Upland Mixed Forest	13	0	0	0	0	0	4	0	1	0	0	0	0	0	0	0	0	0	**18**
Upland Spruce/Fir	0	0	0	0	0	23	0	0	0	4	0	0	0	0	0	0	0	0	**26**
Urban	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**5**
Water	134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**134**
White Pine	0	0	0	0	0	0	26	24	32	25	0	0	17	0	0	0	0	0	**123**
Total	**1276**	**81**	**50**	**25**	**199**	**67**	**335**	**143**	**63**	**233**	**281**	**599**	**66**	**44**	**8**	**0**	**65**	**0**	**3532**

Report 2 – Treatment Summary

Roscommon Mgt. Unit
Year of Entry: 2027

Compartment 12
Total Compartment Acres: 3,534

Acres of Harvest

Commercial Harvest - 336
Harvests with Site Condition - 0
Next Step Harvest - 0
Habitat Cut - 46

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	135	0	0	0	0	0	0	0	0	**135**
Mixed Upland Deciduous	15	0	0	0	0	0	0	0	0	**15**
Oak	0	0	0	13	0	0	0	0	0	**13**
Red Pine	0	0	0	0	0	102	0	0	0	**102**
Total	**150**	**0**	**0**	**13**	**0**	**102**	**0**	**0**	**0**	**265**

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	265	0	0	0	33	0	30	0	0	**328**
Next Step	0	5	0	0	0	0	154	0	0	**159**
Total	**265**	**5**	**0**	**0**	**33**	**0**	**184**	**0**	**0**	**487**

Proposed Treatments:

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
190	**71012190-Burn**	8.7	330 - Low-Density Trees	99			Burn	Prescribed Burn	310 - Herbaceous Openland	Previous Inventory	No

Prescription Specs: Burn periodically to maintain as a barrens.

Next Step Treatments:

Acceptable Regen:

Other Comment: close off access to opening with gate somewhere in Stand #10 to the SW of the opening

Site Condition:

Proposed Start Date: 10/01/2026

170	**71012170-Burn**	12.6	310 - Herbaceous Openland	99			Burn	Prescribed Burn	3302 - Low Density Conifer Trees	Previous Inventory	No

Prescription Specs: Burn on a rotation to get rid of slash and maintain as a barrens/wildlife opening.

Next Step Treatments:

Acceptable Regen:

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2025

159	**71012159-Burn**	11.2	4191 - Mixed Upland Deciduous with Conifer	2	25	Immature	Burn	Prescribed Burn	3303 - Mixed Low Density Trees	Previous Inventory	No

Prescription Specs: Burn to maintain as barrens.

Next Step Treatments:

Acceptable Regen:

Other Comment: New Wildlife Opening

Site Condition:

Proposed Start Date: 10/01/2026

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
147	71012147-Cut	9.1	4130 - Aspen	6	59	Unspecified	Harvest	Clearcut	413 - Aspen	Planting Record	Yes

Prescription Specs: Cut all trees 2 inches DBH and larger. Leave drumming logs. Leave all white oak 14 inches DBH and larger. Leave no other retention.

Next Step Treatments:

Acceptable Regen: Fully stocked stand of aspen with red maple and oak.

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2026

146	71012146-Cut	13.0	4126 - White, Black, N. Pin Oak	9	100	81-110	Harvest	Seed Tree	4199 - Other Mixed Upland Deciduous	Planting Record	No

Prescription Specs: Cut all trees 2 inches DBH and larger except leave all white pine and mark 5-10 BA of white oak to leave where present. Leave no additional retention. Protect white pine advanced regeneration.

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

Acceptable Regen: Moderately stocked stand of at least 30% oak with red maple and white pine.

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2026

145	71012145-Cut	5.8	4130 - Aspen	6	59	Unspecified	Harvest	Clearcut	413 - Aspen	Planting Record	No

Prescription Specs: Cut all trees 2 inches DBH and larger. Leave all white oak 14 inches DBH and larger. Leave drumming logs.

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

Acceptable Regen: Fully stocked stand of aspen with maple and oak.

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2026

141	71012141-Cut	37.0	4130 - Aspen	6	59	Unspecified	Harvest	Clearcut	413 - Aspen	Planting Record	Yes

Prescription Specs: Cut all trees 2 inches DBH and larger. Leave all white oak. Leave drumming logs and leave brush piles along lowland boundaries. Leave 3 to 10% area retention, focused on buffering along wet areas as needed.

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

Acceptable Regen: Fully stocked stand of aspen with red maple, oak, and balsam fir.

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2026

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
118	71012118-Cut	43.0	4130 - Aspen	6	59		Harvest	Clearcut	413 - Aspen	Planting Record	No

Prescription Specs: Cut all trees 2 inch DBH and larger. Leave standard 3-10% area retention. Leave drumming logs and leave brush piles along boundary with stand 116. Leave all white oak above 14 inches DBH.

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

Acceptable Regen: Fully stocked stand of aspen with some red maple, oak, pine, and balsam fir.

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2026

107	71012107-Cut	40.4	4130 - Aspen	9	59	Unspecified	Harvest	Clearcut	413 - Aspen	Planting Record	No

Prescription Specs: Cut all trees 2 inch DBH and larger. Leave drumming logs.

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

Acceptable Regen: Fully stocked stand of aspen with red maple, oak, amd pine.

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2026

106	71012106-Cut	14.7	4199 - Other Mixed Upland Deciduous	6	59	141-170	Harvest	Clearcut	4199 - Other Mixed Upland Deciduous	Planting Record	No

Prescription Specs: Cut all trees 2 inch DBH and larger. Leave standard area retention focused on wet areas. Leave all white oak over 14 inch DBH. Leave drumming logs and leave brush piles along lowland edges.

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

Acceptable Regen: Moderately to fully stocked stand of aspen, red maple, oak, and pine.

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2026

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
93	71012093-Cut	102.0	42110 - Planted Red Pine	9	91	171-200	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	No

Prescription Specs: Thin stand down to 70-90 BA favoring white pine. Mark to cut poor formed and suppressed trees first, then mark for crown spacing. Cut as few red maple as is necessary for maneuverability to limit sprouting. Do not cut old remnant monarch red pine. Leave out wet inoperable areas on east side of stand (treatment boundary reflects estimated wet spots). Acreage may be significantly less due to wet conditions. Add wooden crane mat specs to sale. Do not contract the marking if possible.

Next Step Treatments:

Acceptable Regen:

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2026

60	71012060-Monitor	13.1	4319 - Mixed Upland Forest	0	5	Immature	Monitoring	Monitoring - Regeneration	4319 - Mixed Upland Forest		No

Prescription Specs:

Next Step Treatments:

Acceptable Regen: Any combination of natural pine and hardwoods to a fully stocked stand

Other Comment: Percent to Treat = 100%

Site Condition:

Proposed Start Date: 10/01/2026

58	71012058-Monitor	5.1	4191 - Mixed Upland Deciduous with Conifer	0	5	Immature	Monitoring	Monitoring - Regeneration	4199 - Other Mixed Upland Deciduous	Planting Record	No

Prescription Specs: monitor natural regen

Next Step Treatments: SitePrep, Roller Chopping

Acceptable Regen: acceptable regeneration is any combination of species to a fully stocked stand, alternate regeneration will be to trench/plant jack pine,

Other Comment: Percent to Treat = 100%

Site Condition:

Proposed Start Date: 10/01/2027

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
9	71012009-Monitor	9.2	42290 - Natural Mixed Pine	1	5	Immature	Monitoring	Monitoring - Regeneration	413 - Aspen		No

Prescription Specs: 10/1/2034

Next Step Treatments:

Acceptable Regen: Any combination of hardwoods and conifers to a fully stocked stand.

Other Comment: Percent to Treat = 100%

Site Condition: Too Wet

Proposed Start Date: 10/01/2026

3	71012003-Monitor	3.0	4130 - Aspen	1	5	Unspecified	Monitoring	Monitoring - Regeneration	413 - Aspen		No

Prescription Specs: 10/1/2034

Next Step Treatments:

Acceptable Regen: Any combination of aspen and other species to a fully stocked stand

Other Comment: Percent to Treat = 100%

Site Condition:

Proposed Start Date: 10/01/2026

Total Treatment Acreage Proposed: 327.9

Report 4 – Site Conditions

Roscommon Mgt. Unit

Brian Martell: Examiner

Compartment: 12

Year of Entry: 2027

Availability for Management

Total Acres	Acres Available	*Acres Avail With Condition*	Acres Not Available		Dominant Site Conditions *2B*	2G	2H	5E
430	373	***24***	34	**Aspen**	***24***		27	6
1	1	***0***	0	**Bare/Sparsely Vegetated**				
16	16	***0***	0	**Bog**				
119	5	***0***	114	**Cedar**		114		
16	16	***0***	0	**Herbaceous Openland**				
116	51	***0***	66	**Jack Pine**		66		
15	15	***0***	0	**Low-Density Trees**				
12	0	***0***	13	**Lowland Aspen/Balsam Poplar**		13		
493	8	***0***	485	**Lowland Conifers**		485		
169	0	***0***	169	**Lowland Deciduous**		169		
108	0	***0***	109	**Lowland Mixed Forest**		109		
991	991	***0***	0	**Lowland Shrub**				
72	24	***0***	48	**Lowland Spruce/Fir**		48		
91	89	***0***	3	**Mixed Upland Deciduous**				3
52	49	***0***	4	**Natural Mixed Pines**		2		1
14	14	***0***	0	**Northern Hardwood**				
32	32	***0***	0	**Oak**				
132	132	***0***	0	**Red Pine**				
80	80	***0***	0	**Treed Bog**				
154	80	***0***	74	**Upland Conifers**		74		
18	17	***0***	1	**Upland Mixed Forest**			1	
26	26	***0***	0	**Upland Spruce/Fir**				
2	0	***0***	2	**Urban**		2		
134	124	***0***	10	**Water**		10		
123	123	***0***	0	**White Pine**				
3,416	2,263	***24***	1,129	Total Forested Acres	***24***	1,090	28	10
	66%	***1%***	33%	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
2	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	94	Unspecified	Unspecified	Unspecified	Unspecified

	Comments:						
6	**Unavailable**	**5E: Long-Term Retention**	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
8	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	27	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
9	**Unavailable**	**5E: Long-Term Retention**	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
10	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
12	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	15	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
14	**Unavailable**	**5E: Long-Term Retention**	0	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

17	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	448	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
25	**Unavailable**	**2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)**	22	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
28	**Unavailable**	**5E: Long-Term Retention**	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
29	**Unavailable**	**2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)**	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
33	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	95	4A: No markets available for these forest products	Unspecified	Unspecified	Unspecified
Comments:							
34	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	37	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

39	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	0	Unspecified	Unspecified	Unspecified	Unspecified

Comments:
Checked during SBW analysis

43	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	9	Unspecified	Unspecified	Unspecified	Unspecified

Comments:

45	**Unavailable**	**5E: Long-Term Retention**	1	Unspecified	Unspecified	Unspecified	Unspecified

Comments:

47	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	12	Unspecified	Unspecified	Unspecified	Unspecified

Comments:

49	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	47	Unspecified	Unspecified	Unspecified	Unspecified

Comments:

50	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	11	Unspecified	Unspecified	Unspecified	Unspecified

Comments:

51	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
53	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
55	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
57	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	71	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
61	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	102	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

62	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
63	**Available**	**2B: Unknown if access through adjacent landowner(s) is possible**	24	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
64	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	85	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
68	**Unavailable**	**2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)**	1	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							

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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres

Comments

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
1	6225 - Bog		3.3			No	
2	4130 - Aspen	Sawtimber Well	3.7	73	111-140	N/A	
3	4130 - Aspen		3.0	5	Unspecified	N/A	Cut Spring/Summer 2020.
4	790 - Other Bare/Sparsely Vegetated		0.8				Old Well Site
5	500 - Water	Unspecifed	1.5			No	
6	42260 - Natural Pine, Mixed Deciduous	Sawtimber Medium	18.1	74	51-80	N/A	Mix of jackpine, white pine, and oak with a heavy red maple understory. Some of the red maple is reaching the canopy now. There is a pocket of large, mature, log-sized oak, maple, and aspen on the very east end by the Expressway.
7	4130 - Aspen	Sapling Medium	25.8	6	Immature	N/A	Cut in 2019 as a part of Bear Creek Harvest, 71-018-17
8	4126 - White, Black, N. Pin Oak		0.8	87	51-80	N/A	ranges from a mix of oak SL'XL's with WP poles to all oak and W3 under-story, some illegal firewood cutting on-going in this stand, north arm is lower/wetter, recommend a shelter-wood to try to re-start oak or hold and let it convert to WP

2

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	10		14	
White Pine	2	Seedling	7	
Red Maple	3		11	
Bigtooth Aspen	83		11	73
White Oak	2		13	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Medium	Variable	Variable
Balsam Fir	Low	Variable	Variable

3

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	3		10	
Bigtooth Aspen	96	Log	1	5
White Oak	1		12	

6

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	15		10	
White Pine	25		11	
Jack Pine	40		10	74
Black Spruce	3		8	
Red Maple	16	Sapling	5	
Bigtooth Aspen	1		16	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	Variable	Variable
Balsam Fir	Low	Variable	Variable
Red Maple	High	>20 feet	>20 feet

7

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Log	1	6
Bigtooth Aspen	90	Log	1	6

8

Canopy Species	% Cover	Size Class	DBH	Age
White Oak	20		15	87
Black/Red (Hybrid) Oak	75		16	87
White Pine	5		10	48

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	Low	Variable	Variable
Balsam Fir	Medium	Variable	Variable
Pin Cherry	Low	Variable	Variable
White Pine	Medium	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
9	42290 - Natural Mixed Pine	Sapling Poor	10.7	5	Immature	N/A	Cut in 2019 as a part of Bear Creek Harvest, 71-018-17. Part of the stand was too wet to cut.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	1	Log	2	
Red Maple	2	Log	2	
Quaking Aspen	1	Log	1	6
Pin Cherry	2	Log	1	6
Red Pine	32	Log	1	5
Black/Red (Hybrid) Oak	2	Log	1	6
White Pine	20	Pole	2	
White Pine	7		16	
Jack Pine	33	Log	1	5

Stand	Level 4 Cover Type	Acres	Stand Age	BA Range	Managed Site	General Comments
10	4126 - White, Black, N. Pin Oak	13.9	88	81-110	N/A	Narrow ridge between low ground stands. Part of the stand was affected by a large blowdown event labor day weekend 2018.

Canopy Species	% Cover	Size Class	DBH	Age
White Oak	25		17	88
Red Pine	2		16	
Black/Red (Hybrid) Oak	43		15	88
White Pine	10		14	
Red Maple	5		10	
Bigtooth Aspen	15	Seedling	7	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	Variable	Variable
White Pine	Medium	Variable	Variable
Red Maple	Low	Variable	Variable

Stand	Level 4 Cover Type	Acres	Stand Age	BA Range	Managed Site	General Comments
12	4191 - Mixed Upland Deciduous with Conifer	5.0	85	111-140	N/A	

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	40		12	85
White Pine	10		12	
Balsam Fir	15		8	
Quaking Aspen	30	Seedling	7	
Red Maple	5		11	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	Variable	Variable
Balsam Fir	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Managed Site	General Comments
13	122 - Road/Parking Lot	Poletimber Well	5.0	No	127
16	500 - Water	Sawtimber Medium	9.9	No	Wolf Creek.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
30	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	13.4	98	Unspecified	N/A	Not visited this inventory cycle, data is from last inventory.Old Comment: wet, spongy ground. white birch declining, northwest part, west edge along road, and east edge have most of the cedar, rest of the stand is tamarack and black spruce, cedar age is from Stand #44 in 71111

Canopy Species	% Cover	Size Class	DBH	Age
Tamarack	25	Seedling	6	98
Paper Birch	15	Seedling	6	
Black Spruce	35	Seedling	6	98
Northern White Cedar	25		8	128

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

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
54	4191 - Mixed Upland Deciduous with Conifer		15.9	15	Immature	N/A	Cut 2010 with oak and white pine residual.

Canopy Species	% Cover	Size Class	DBH	Age
White Oak	5		16	
Red Maple	30	Log	2	15
Bigtooth Aspen	25	Log	2	15
Black/Red (Hybrid) Oak	15		16	125
White Pine	15		12	
White Pine	10	Log	2	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
55	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	36.7	100	51-80	N/A	Upland areas are natural mixed pines, and lowland areas are red maple with aspen, balsam fir, and dead ash.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Poplar	5	Seedling	6	
White Pine	20		14	100
Balsam Fir	20	Sapling	5	
Quaking Aspen	15	Seedling	6	
Red Maple	20		8	63
Red Pine	20		13	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	Variable	Variable
White Pine	Low	Variable	Variable
Tag Alder	Medium	5 - 10 feet	5 - 10 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
56	42120 - Planted Jack Pine	Sapling Well	31.9	33	Immature	N/A	Cut fall 1991, roller chopped and seeded 1992 and again in 1993 to fill in the gaps. Residual Log/XLog white pine evenly scattered throughout the stand.

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	5	Sapling	5	
White Pine	2		15	
Jack Pine	91	Sapling	5	33
Red Pine	1		12	
Bigtooth Aspen	1	Pole	4	

Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak	Low	10 - 20 feet	10 - 20 feet
Pin Cherry	Low	10 - 20 feet	10 - 20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
57	42200 - Natural White Pine	Poletimber Well	17.6	63	81-110	N/A	Very west side of the stand is more open, with some oak and jackpine poles/saplings. It looks like all trees except for white pine were cut in 1991.

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	2	Seedling	6	
White Pine	97		10	63
Jack Pine	1	Sapling	5	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	Variable	Variable
Red Pine	Trace	Variable	Variable
Black/Red (Hybrid) Oak	Medium	Variable	Variable
White Pine	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
58	4191 - Mixed Upland Deciduous with Conifer	Unspecifed	5.1	5	Immature		Cut fall 2020. Does not pass regen check. Re-evaluate in 5 years.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
59	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Poor	41.6	103	Unspecified	N/A	
60	4319 - Mixed Upland Forest	Unspecifed	13.1	5	Immature		Cut Fall 2020 to 4", left scattered oak and pine. Fails regen check. Re-evaluate in 5 years.
61	429 - Mixed Upland Conifers	Sapling Medium	10.3	33	Immature	N/A	Aspen is mostly in SW corner of stand.
62	6113 - Lowland Maple	Sawtimber Medium	156.9	101	51-80	N/A	Part of 1999 POG Plan, Wolf Creek floodplain, Mix of marsh, black ash, and red maple of various sizes and ages. Most ash has died, lots of blowdown
64	42330 - Upland Fir	Poletimber Well	22.5	46	51-80	N/A	Almost 50/50 high to low ground. Balsam fir with aspen.

59

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	35	Seedling	6	103
Northern White Cedar	35		8	103
Red Maple	25		9	
Paper Birch	5		7	

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

61

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	2	Sapling	5	
White Pine	5		6	
Jack Pine	45	Sapling	6	33
Balsam Fir	15	Sapling	5	
Quaking Aspen	30	Pole	4	33
Red Pine	1		10	
Red Maple	2	Sapling	5	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	Variable	Variable
Balsam Fir	Low	Variable	Variable
Pin Cherry	Low	5 - 10 feet	5 - 10 feet

62

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	5		20	
Red Maple	91		14	101
Black Spruce	2	Sapling	5	
Balsam Fir	2	Sapling	5	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	Variable	Variable
Tag Alder	Medium	5 - 10 feet	5 - 10 feet

64

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	3		7	
Balsam Fir	74		7	46
Red Maple	3		13	42
Quaking Aspen	20	Sapling	6	42

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	Variable	Variable
Tag Alder	Low	5 - 10 feet	5 - 10 feet
Black Spruce	Trace	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
66	429 - Mixed Upland Conifers	Poletimber Well	73.9	66	81-110	N/A	
67	6130 - Fir, Aspen, Maple	Poletimber Well	48.9	83	Unspecified	N/A	East end by the expressway is upland white pine with aspen transitioning into a mix of black spruce, balsam fir, red maple, and some white pine.
69	629 - Mixed non-forested Wetland	Unspecifed	115.1			No	
70	6224 - Treed Bog	Unspecifed	6.4			No	
71	4136 - Aspen, Mixed Conifer	Sawtimber Well	21.7	105		N/A	No access duebl to 127 and lowbground. Red pine is innthe NW part of the stand.
72	6123 - Lowland Fir	Poletimber Well	20.8	66	81-110	N/A	

66

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	15	Seedling	8	
Red Pine	1		13	
Balsam Fir	35	Seedling	6	66
Red Maple	18		12	
Paper Birch	1	Seedling	6	
Bigtooth Aspen	5		14	
Black/Red (Hybrid) Oak	5		12	
White Pine	20		12	

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Low	5 - 10 feet	5 - 10 feet
White Pine	Low	Variable	Variable
Balsam Fir	Medium	Variable	Variable

67

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	25	Sapling	5	
Quaking Aspen	20		7	
White Pine	5		8	
Black Spruce	25	Seedling	6	83
Red Maple	20	Sapling	5	
Paper Birch	5	Seedling	5	

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

71

Canopy Species	% Cover	Size Class	DBH	Age
Red Pine	5		9	
Balsam Fir	5	Seedling	6	
Black/Red (Hybrid) Oak	7		12	
White Pine	12		12	
Red Maple	1		10	
Bigtooth Aspen	70		14	105

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Medium	Variable	Variable
Balsam Fir	Low	Variable	Variable

72

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	75	Pole	4	66
Black Spruce	5	Seedling	6	
White Pine	9		13	
Red Maple	10	Sapling	5	66
Paper Birch	1	Seedling	6	

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	Medium	Variable	Variable
Red Maple	Low	Variable	Variable
Tag Alder	Low	5 - 10 feet	5 - 10 feet
Balsam Fir	Medium	Variable	Variable
White Pine	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
73	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	46.9	102	Unspecified	N/A	Supercanopy white pine scattered especially on the north end.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	20	Seedling	6	
Red Maple	10	Seedling	7	
White Pine	10		12	
Black Spruce	20	Seedling	8	
Northern White Cedar	40		8	102

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Medium	5 - 10 feet	5 - 10 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
74	6120 - Lowland Cedar		8.4	124	51-80	N/A	Variable mostly lowland stand with one pocket of legacy tree white pine.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	3		9	
Balsam Poplar	2		8	
White Pine	15		20	124
Red Maple	10		12	
Balsam Fir	10	Seedling	7	
Black Spruce	5		8	
Northern White Cedar	55		12	124

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	Variable	Variable
Balsam Fir	Medium	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
75	4133 - Aspen, Mixed Pine		8.9	31	Immature	N/A	Cut 1994. It looks like they left all or a portion of the white pine.

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	2	Pole	4	
White Pine	26		7	
Red Maple	7	Pole	4	
Bigtooth Aspen	65	Sapling	6	31

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Trace	Variable	Variable
Witch Hazel	Low	5 - 10 feet	5 - 10 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
76	6130 - Fir, Aspen, Maple		11.4	105	51-80	N/A	

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	2	Seedling	6	
Balsam Fir	10	Sapling	5	
White Pine	37		6	105
Red Maple	50		7	105
Paper Birch	1	Sapling	5	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	Variable	Variable
White Pine	Low	Variable	Variable
Tag Alder	Low	5 - 10 feet	5 - 10 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
77	42200 - Natural White Pine	Sawtimber Well	16.7	115	201+	N/A	

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	89		16	115
Red Maple	5		11	
Bigtooth Aspen	1		14	
Red Pine	5		14	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	Variable	Variable
White Pine	Medium	Variable	Variable
Northern White Cedar	Trace	>20 feet	>20 feet
Red Maple	Low	>20 feet	>20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
78	4112 - Maple, Beech, Cherry Association	Sawtimber Well	14.0	92	81-110	N/A	Red maple with heavy balsam fir and white pine understory. Questionable ground but probably operable when dry or frozen.

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	7		15	
Balsam Fir	3	Seedling	7	
Red Maple	88		12	92
Bigtooth Aspen	1		14	
Black Spruce	1		9	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Medium	Variable	Variable
White Pine	Low	>20 feet	>20 feet
Balsam Fir	Low	>20 feet	>20 feet
Balsam Fir	High	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
79	622 - Lowland Shrub	Unspecifed	39.2			No	Lowland shrub with some scattered lowland conifer.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
80	4130 - Aspen	Sapling Well	22.4	15	Immature	N/A	Cut Nov. 2010, left scattered oak sawlogs and white pine poles.

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	1		14	
Red Maple	1	Log	2	15
Bigtooth Aspen	98	Log	3	15

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	Variable	Variable
White Pine	Low	Variable	Variable
Red Maple	Medium	5 - 10 feet	5 - 10 feet
Pin Cherry	Low	5 - 10 feet	5 - 10 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
81	42290 - Natural Mixed Pine	Sawtimber Well	24.2	68	111-140	N/A	Natural mixed pine stand. Thinned Fall 2020, removed all aspen, jack pine, and marked pine.

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	5		10	
White Pine	50		13	68
Red Pine	40		13	
Red Maple	5		8	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	Variable	Variable
Red Maple	Low	Variable	Variable
Bigtooth Aspen	Medium	10 - 20 feet	10 - 20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
82	4130 - Aspen	Sapling Well	12.3	5		N/A	Cut Fall 2020, left some scattered oak and pine, left narrow part west/south of county road for retention.

Canopy Species	% Cover	Size Class	DBH	Age
White Oak	2		14	
Red Pine	1		15	
Bigtooth Aspen	97	Log	1	5

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
83	6122 - Black Spruce	Poletimber Medium	23.7	50		N/A	bulk of stand is fairly young still but there are some 0lder RM and NWC also

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	10	Seedling	6	
Red Maple	10		10	
White Pine	5		10	
Black Spruce	68		7	50
Northern White Cedar	7		10	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	10 - 20 feet	10 - 20 feet
Tag Alder	Medium	5 - 10 feet	5 - 10 feet
Balsam Fir	Low	Variable	Variable
Black Spruce	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
84	4130 - Aspen	Sawtimber Well	5.6	101	111-140	N/A	Island of aspen and oak surrounded by lowland brush.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5		8	
Bigtooth Aspen	86		14	101
Black/Red (Hybrid) Oak	8		14	
White Pine	1		9	

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

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
85	6120 - Lowland Cedar	Sawtimber Well	4.7	103		N/A	Cedar with some white pine and red maple on west end.

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	2		20	
Balsam Fir	1		8	
Red Maple	3		12	
Black Spruce	2		8	
Northern White Cedar	92		10	103

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

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
87	4199 - Other Mixed Upland Deciduous	Sapling Poor	9.4	5	Immature	N/A	Cut Fall 2020 and left some sawlog oak and pine for seed.

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	15	Log	1	5
Red Maple	20	Log	1	5
Quaking Aspen	15	Log	1	5
Pin Cherry	50	Pole	1	5

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
88	6127 - Lowland Pine	Poletimber Well	26.6	90	81-110	N/A	Stand is mainly lowland/boggy soil with an approximately 2 acre inclusion of higher ground with mature red pine.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	1	Seedling	6	
Red Pine	2		12	
Black Spruce	48		8	
White Pine	48		10	90
Jack Pine	1	Seedling	7	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	>20 feet	>20 feet
Black Spruce	Medium	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
89	42110 - Planted Red Pine	Sawtimber Well	8.4	91	171-200	N/A	

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	2		11	
White Pine	5		13	
Red Maple	1		10	
Red Pine	92		14	91

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	Variable	Variable
White Pine	Low	Variable	Variable
Red Maple	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
90	42120 - Planted Jack Pine	Sapling Well	18.6	33	Immature	N/A	FTP to roller chop and seed jack pine stand in 1992.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	1	Pole	4	
Bigtooth Aspen	1	Sapling	5	
Black/Red (Hybrid) Oak	5	Pole	4	
Jack Pine	93	Pole	4	33

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
92	6126 - Lowland Jack Pine	Poletimber Well	14.9	85	51-80	N/A	High water table jack pine stand.

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	10		9	
Jack Pine	90		8	85

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	Low	Variable	Variable
Black/Red (Hybrid) Oak	Low	10 - 20 feet	10 - 20 feet
White Pine	Trace	Variable	Variable
Jack Pine	Low	Variable	Variable
Leatherleaf	Full	< 5 feet	< 5 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
93	42110 - Planted Red Pine	Sawtimber Well	108.8	91	171-200	N/A	Previous inventory says it is a Detroit news plantation. Index cards planting records indicate mixed pines were planted in 1930, 1934, and 1938. There are some maple pockets/veins throughout, and some scattered lower ground areas.

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	3	Seedling	7	
Red Pine	80		14	91
Red Maple	5		10	
Bigtooth Aspen	1		10	
Black/Red (Hybrid) Oak	1		10	
White Pine	10		10	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	Variable	Variable
Red Maple	Low	Variable	Variable
Black Spruce	Trace	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
94	6126 - Lowland Jack Pine		31.8	33	Immature	N/A	Stand was clear-cut in 1991 and has an FTP to roller chop and seed jack pine in 1992. Just barely to pole size overall. Full leatherleaf bog understory. Old skid trails are visible with a lot of rutting.

Canopy Species	% Cover	Size Class	DBH	Age
Red Pine	5	Pole	4	
Black Spruce	1	Sapling	5	
White Pine	1		14	
Jack Pine	93	Sapling	5	33

Sub-Canopy Species	Density	Avg. Height	Size
Leatherleaf	Full	< 5 feet	< 5 feet
White Pine	Low	Variable	Variable
Jack Pine	Low	Variable	Variable
Red Maple	Trace	Variable	Variable
Black Spruce	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
95	6225 - Bog	Unspecifed	8.3			No	Leatherleaf bog with conifer seeding in.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
96	6126 - Lowland Jack Pine		19.0	80	81-110	N/A	High water table jack pine stand. Leatherleaf understory. Harvest would be best in late summer with dry conditions.

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	1		8	
Jack Pine	96		9	80
Black Spruce	3	Seedling	7	

Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine	Low	5 - 10 feet	5 - 10 feet
Leatherleaf	Full	< 5 feet	< 5 feet
Red Maple	Medium	10 - 20 feet	10 - 20 feet
Black Spruce	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
97	4130 - Aspen		88.5	59	Unspecified	N/A	
98	6122 - Black Spruce	Poletimber Well	9.2	95	111-140	N/A	East part of the stand is not as wet and has most of the jackpine.
99	6221 - Fen	Unspecifed	1.0			No	
100	6224 - Treed Bog	Unspecifed	23.2			No	Bog, with conifer seeding.
101	42110 - Planted Red Pine	Sawtimber Well	14.7	91	171-200	N/A	Previous inventory says it is a Detroit news plantation. Index cards planting records indicate mixed pines were planted in 1930, 1934, and 1938. Contains inclusions of black spruce and jack pine on transition into adjacent bogs.
102	4130 - Aspen	Poletimber Well	2.3	34	Immature	N/A	
103	6225 - Bog	Unspecifed	0.8			No	

97

Canopy Species	% Cover	Size Class	DBH	Age
White Oak	1		15	
Red Pine	7		14	
Black/Red (Hybrid) Oak	12		11	
White Pine	2		10	
Jack Pine	1		10	
Red Maple	7		10	
Bigtooth Aspen	70		7	59

Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak	Trace	10 - 20 feet	10 - 20 feet
White Pine	Low	Variable	Variable
Red Maple	Low	Variable	Variable
Red Pine	Trace	Variable	Variable

98

Canopy Species	% Cover	Size Class	DBH	Age
Red Pine	2		13	
Black Spruce	80		7	95
Red Maple	2		7	
Black/Red (Hybrid) Oak	1	Seedling	7	
White Pine	3		14	
Jack Pine	12		9	95

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Medium	Variable	Variable
Black Spruce	Low	Variable	Variable

100

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

101

Canopy Species	% Cover	Size Class	DBH	Age
Red Pine	73		13	91
Red Maple	2		8	
Black/Red (Hybrid) Oak	10		12	
White Pine	15		10	

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

102

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	2	Sapling	6	
Red Maple	2	Pole	4	
Bigtooth Aspen	96	Sapling	5	34

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	5 - 10 feet	5 - 10 feet
White Pine	Low	Variable	Variable
Witch Hazel	Low	5 - 10 feet	5 - 10 feet
Pin Cherry	Low	5 - 10 feet	5 - 10 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
104	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	19.6	50	111-140	N/A	

Canopy Species	% Cover	Size Class	DBH	Age
White Oak	7		12	
Red Pine	5		13	
Black/Red (Hybrid) Oak	23		11	
White Pine	21		10	
Red Maple	24		9	50
Bigtooth Aspen	20		10	50

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	Variable	Variable
Red Maple	Low	Variable	Variable
White Pine	Medium	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
105	42290 - Natural Mixed Pine	Sawtimber Well	22.3	125	171-200	N/A	Stand is mainly upland, with lowland pockets. Stand contains many large white and red pine legacy trees.

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	1		9	
White Pine	42		15	125
Red Pine	42		14	
Black Spruce	2		8	
Red Maple	13		8	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	High	Variable	Variable
White Pine	Low	Variable	Variable
Black Spruce	Low	Variable	Variable
Black Spruce	Trace	>20 feet	>20 feet
Northern White Cedar	Trace	>20 feet	>20 feet
Hemlock	Trace	>20 feet	>20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
106	4199 - Other Mixed Upland Deciduous	Poletimber Well	14.7	59	141-170	N/A	West/northwest part of the stand has some low ground with some balsam fir, black spruce, and cedar mixing in

Canopy Species	% Cover	Size Class	DBH	Age
Red Pine	7		14	
Red Maple	33		8	
Bigtooth Aspen	34		8	59
White Oak	2		15	
Balsam Fir	2	Sapling	6	
Black/Red (Hybrid) Oak	12		14	
White Pine	10		8	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	Variable	Variable
White Pine	Medium	Variable	Variable
Red Maple	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
107	4130 - Aspen	Sawtimber Well	40.4	59	Unspecified	N/A	Contains an inclusion of larger aspen that was left in the previous harvest.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5		11	
Bigtooth Aspen	76		10	59
Red Pine	3		13	
Black/Red (Hybrid) Oak	8		14	
White Pine	5		10	
Jack Pine	1	Seedling	7	
White Oak	2		12	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	Variable	Variable
Red Maple	Low	Variable	Variable
White Pine	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
108	6224 - Treed Bog	Unspecifed	1.8			No	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
109	6122 - Black Spruce	Poletimber Well	11.6	85	81-110	N/A	
110	42200 - Natural White Pine	Sawtimber Well	14.3	85	171-200	N/A	Mix of white pine with pockets of jack pine and spruce.
111	6224 - Treed Bog	Unspecifed	3.4			No	
112	6225 - Bog	Unspecifed	1.8			No	
113	310 - Herbaceous Openland	Unspecifed	3.2				Old well pad, plugged 8/11/1989, camping spot for hunters. Edges filling in with trees.
114	4133 - Aspen, Mixed Pine	Poletimber Well	11.5	45	81-110	N/A	

109

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Pole	4	
White Pine	7		9	
Jack Pine	2		6	
Black Spruce	86		7	85

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	Medium	Variable	Variable
Red Maple	Low	>20 feet	>20 feet

110

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	10	Seedling	7	
Red Maple	5		10	
Black/Red (Hybrid) Oak	9		10	
White Pine	65		12	85
Jack Pine	10		10	
Red Pine	1		14	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	Variable	Variable
Black Spruce	Low	Variable	Variable
White Pine	Low	Variable	Variable
Pin Cherry	Low	Variable	Variable

114

Canopy Species	% Cover	Size Class	DBH	Age
Red Pine	2		14	
White Oak	1		12	
Red Maple	5		12	
Bigtooth Aspen	55	Seedling	7	45
Black/Red (Hybrid) Oak	7		11	
White Pine	30		10	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Medium	Variable	Variable
Balsam Fir	Medium	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
116	429 - Mixed Upland Conifers	Sawtimber Well	58.7	82	141-170	N/A	Natural stand containing some large legacy trees. East half is mostly white pine and west half is mostly balsam fir. There is a wet drain running through the middle of the west half of the stand. Signs of fire present.
117	6224 - Treed Bog	Unspecifed	3.6			No	
118	4130 - Aspen	Poletimber Well	43.0	59		N/A	
120	429 - Mixed Upland Conifers	Poletimber Well	10.8	95	111-140	N/A	Transition stand from upland to lowland.
121	6124 - Lowland Spruce-Fir	Poletimber Well	94.6	105	51-80	N/A	Large lowland conifer swamp. Most of the cedar is found along the perimeter, then it turns into black spruce/balsam fir/tag alder towards the middle. The stand also contains some dead ash from EAB.
122	629 - Mixed non-forested Wetland	Unspecifed	26.4			No	

116

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	5		12	
White Pine	27		14	82
Black Spruce	10		9	
White Oak	1		12	
Balsam Fir	27		8	
Red Pine	10		14	
Red Maple	10		11	
Bigtooth Aspen	10		7	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	Variable	Variable
White Pine	Low	Variable	Variable
Black Spruce	Low	Variable	Variable

118

Canopy Species	% Cover	Size Class	DBH	Age
Red Pine	1		16	
White Oak	1		15	
Balsam Fir	1	Seedling	6	
Red Maple	2		11	
Bigtooth Aspen	90		8	59
Black/Red (Hybrid) Oak	2		14	
White Pine	3		8	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	Variable	Variable
Balsam Fir	Low	Variable	Variable
Red Maple	Medium	< 5 feet	< 5 feet

120

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	30		8	
Black/Red (Hybrid) Oak	15		10	
White Pine	30		10	95
Balsam Fir	10	Seedling	6	
Red Maple	15		8	

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	Medium	Variable	Variable
Balsam Fir	Medium	Variable	Variable
White Pine	Low	Variable	Variable

121

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	45		8	105
Northern White Cedar	10		9	105
Red Maple	5		8	
Paper Birch	5	Seedling	7	
Balsam Fir	35	Seedling	8	

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Medium	5 - 10 feet	5 - 10 feet
Balsam Fir	Medium	Variable	Variable
Black Spruce	Medium	Variable	Variable

122

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

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
123	42200 - Natural White Pine	Sawtimber Well	31.9	70	141-170	N/A	Southwest end has most of the low ground and spruce.

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	5		9	
Red Maple	10		10	
Bigtooth Aspen	10		8	
White Oak	2		11	
Balsam Fir	1	Seedling	7	
Red Pine	5		13	
Black/Red (Hybrid) Oak	5		10	
White Pine	62		12	70

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

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
124	4130 - Aspen	Poletimber Well	10.1	30	Immature	N/A	Stand contains a pocket of declining quaking aspen and a pocket of black spruce in the West end.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	10	Sapling	5	
Black Spruce	2	Pole	4	
Bigtooth Aspen	87	Seedling	6	30
Balsam Fir	1	Sapling	5	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	Variable	Variable
Balsam Fir	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
127	6130 - Fir, Aspen, Maple	Poletimber Well	37.2	95	81-110	N/A	Long peninsula stand with marsh on either side.

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	1		10	
White Pine	2		10	
Red Maple	10		8	
Balsam Fir	50		7	95
Black Spruce	5		7	
Northern White Cedar	2		12	
Quaking Aspen	30		8	

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

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
128	629 - Mixed non-forested Wetland	Unspecifed	700.4			No	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
129	6120 - Lowland Cedar		19.6	100	81-110	N/A	Potential or designated old growth.

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	2	Seedling	6	
Balsam Fir	8		6	
Black Spruce	25	Seedling	7	
Northern White Cedar	65		8	100

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

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
130	500 - Water	Unspecifed	90.0			No	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
132	6123 - Lowland Fir	Poletimber Well	16.4	100	Unspecified	N/A	Contains dead ash.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	70	Seedling	7	100
Northern White Cedar	10		8	
Red Maple	20	Seedling	8	

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

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
133	6112 - Lowland Aspen		23.3	59	51-80	N/A	Almost 50/50 lowland/upland. Highly variable stand. North half is mostly inoperable, has most of the balsam fir, and has a pocket of white pine and spruce. South end has most of the oak.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	23		6	
Black Spruce	2		8	
Northern White Cedar	1		11	
Quaking Aspen	54		8	59
Black/Red (Hybrid) Oak	7		12	
White Pine	3		14	
Red Maple	10		8	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	Variable	Variable
Red Maple	High	10 - 20 feet	10 - 20 feet
Tag Alder	Low	5 - 10 feet	5 - 10 feet
White Pine	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
134	4131 - Aspen, Oak	Sapling Well	11.5	15	Immature	N/A	Cut a part of a sale in adjacent Manton compartment 98. Scattered oak and pines were left.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	1	Seedling	6	
Red Maple	7	Log	2	15
Black/Red (Hybrid) Oak	25		11	65
Quaking Aspen	65	Log	1	15
Pin Cherry	2	Pole	4	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	Variable	Variable
Black/Red (Hybrid) Oak	Low	Variable	Variable
White Pine	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
135	42320 - Upland Spruce	Poletimber Well	3.8	80	111-140	N/A	Most of the white pine, oak, and aspen are up by the road.

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	2	Seedling	7	
Black Spruce	75		9	80
Black/Red (Hybrid) Oak	3		13	
White Pine	20		14	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
136	6224 - Treed Bog	Unspecifed	3.0			No	

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

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
137	629 - Mixed non-forested Wetland		9.0			No	Mostly lowland shrub and lowland grasses.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
139	4130 - Aspen		6.3	34	1-50	N/A	Just barely to pole size overall. No cutting records were found so I'm assuming it was cut with the adjacent stand to the west in a Missaukee County sale out of the Manton office.
140	629 - Mixed non-forested Wetland		9.1			No	
141	4130 - Aspen		37.0	59	Unspecified	N/A	Mostly bigtooth aspen mixed with quaking and scattered oak. East edge contains higher risk quaking aspen with a heavy balsam fir sub-canopy. There are a couple large white oak, but not enough to make up 1% of the canopy.
142	6120 - Lowland Cedar		8.2	135	111-140	N/A	
143	6131 - Hemlock, White Pine, Maple, Birch		11.1	100	81-110	N/A	Contains a lot of dead ash.
144	629 - Mixed non-forested Wetland		1.5			No	

139

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	5	Pole	4	
White Pine	2	Sapling	6	
Balsam Fir	2	Pole	4	
Red Maple	3	Pole	4	
Bigtooth Aspen	70	Sapling	5	34
Quaking Aspen	15	Pole	4	
Pin Cherry	3	Pole	4	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	10 - 20 feet	10 - 20 feet
Pin Cherry	Low	5 - 10 feet	5 - 10 feet
Black/Red (Hybrid) Oak	High	5 - 10 feet	5 - 10 feet
White Pine	Low	5 - 10 feet	5 - 10 feet

140

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

141

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	5	Seedling	7	
Bigtooth Aspen	65		9	59
Red Pine	1		13	
Quaking Aspen	15	Seedling	7	
Black/Red (Hybrid) Oak	13		14	
White Pine	1		12	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	Variable	Variable
Pin Cherry	Low	5 - 10 feet	5 - 10 feet
Red Maple	Medium	>20 feet	>20 feet
Black/Red (Hybrid) Oak	Low	Variable	Variable
White Pine	Low	Variable	Variable

142

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	20	Sapling	6	
Black Spruce	20	Seedling	6	
Northern White Cedar	60		8	135

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	10 - 20 feet	10 - 20 feet
Tag Alder	Medium	5 - 10 feet	5 - 10 feet
Balsam Fir	High	10 - 20 feet	10 - 20 feet

143

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	5	Seedling	6	
White Pine	45		12	
Red Maple	48		8	100
Northern White Cedar	2	Seedling	6	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	High	Variable	Variable
Tag Alder	Low	5 - 10 feet	5 - 10 feet
White Pine	Medium	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
145	4130 - Aspen		5.8	59	Unspecified	N/A	
146	4126 - White, Black, N. Pin Oak		13.0	100	81-110	N/A	
147	4130 - Aspen		9.1	59	Unspecified	N/A	
148	42200 - Natural White Pine		6.7	60	111-140	N/A	
149	42260 - Natural Pine, Mixed Deciduous		8.4	76	111-140	N/A	Mixed pine with aspen intermixed.

145

Canopy Species	% Cover	Size Class	DBH	Age
White Oak	2		15	
Red Maple	1		8	
Bigtooth Aspen	92		8	59
Black/Red (Hybrid) Oak	5		14	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	Variable	Variable
White Pine	Medium	Variable	Variable

146

Canopy Species	% Cover	Size Class	DBH	Age
White Oak	25		14	
Red Maple	10		12	
Black/Red (Hybrid) Oak	55		14	100
White Pine	10		10	

Sub-Canopy Species	Density	Avg. Height	Size
White Oak	Trace	Variable	Variable
Black/Red (Hybrid) Oak	Low	Variable	Variable
White Pine	Medium	Variable	Variable
Red Maple	Low	>20 feet	>20 feet

147

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Sapling	6	
Bigtooth Aspen	75		8	59
Black/Red (Hybrid) Oak	10		15	
White Pine	5		11	
White Oak	5		14	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	>20 feet	>20 feet
White Pine	Low	10 - 20 feet	10 - 20 feet
Balsam Fir	Low	10 - 20 feet	10 - 20 feet

148

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	25		12	
White Pine	75		12	60

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	5 - 10 feet	5 - 10 feet
Pin Cherry	Low	5 - 10 feet	5 - 10 feet
Balsam Fir	Low	Variable	Variable

149

Canopy Species	% Cover	Size Class	DBH	Age
Red Pine	30		13	
Black/Red (Hybrid) Oak	2		14	
White Pine	40		11	76
White Oak	2	Seedling	8	
Red Maple	2	Sapling	6	
Bigtooth Aspen	24	Seedling	7	48

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
150	4130 - Aspen		6.5	5	Unspecified	N/A	Cut Spring/Summer 2020.

Canopy Species	% Cover	Size Class	DBH	Age
White Oak	1		16	
Red Maple	5	Log	1	5
Bigtooth Aspen	93	Log	1	5
White Pine	1	Log	2	

151	6124 - Lowland Spruce-Fir		13.7	84	Unspecified	N/A	

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	20	Seedling	7	
White Pine	5		19	
Red Maple	30		10	
Black Spruce	35		9	84
Northern White Cedar	10	Seedling	7	84

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	Variable	Variable
Tag Alder	Medium	5 - 10 feet	5 - 10 feet
Black Spruce	Low	Variable	Variable

152	42200 - Natural White Pine		8.4	53	111-140	N/A	

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	10		10	
White Pine	85		10	53
Red Pine	1		13	
Red Maple	2	Sapling	6	
Bigtooth Aspen	2	Seedling	7	

Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak	Trace	Variable	Variable
White Pine	Trace	Variable	Variable

153	6128 - Lowland Coniferous, Mixed Deciduous		27.6	118	141-170	N/A	

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	20		18	118
Balsam Fir	15	Seedling	8	
Tamarack	10		8	
Red Maple	10		9	
Paper Birch	10	Seedling	8	
Black Spruce	20		8	
Northern White Cedar	15		9	

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Medium	5 - 10 feet	5 - 10 feet
Black Spruce	Medium	Variable	Variable
Balsam Fir	Medium	Variable	Variable

154	6124 - Lowland Spruce-Fir		29.5	107	Unspecified	N/A	

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	45	Seedling	7	107
Northern White Cedar	37		8	
Red Maple	5		8	
Paper Birch	1	Seedling	6	
Balsam Fir	5	Seedling	7	
Tamarack	7		10	

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	Low	Variable	Variable
Tag Alder	Medium	5 - 10 feet	5 - 10 feet
Balsam Fir	Low	Variable	Variable
Tamarack	Trace	5 - 10 feet	5 - 10 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
156	4130 - Aspen		24.8	35	1-50	N/A	Eastern finger is mostly jack pine. Cut 1990
157	622 - Lowland Shrub		2.6			No	
158	4130 - Aspen		13.9	25	Immature	N/A	Most of the oak is in the eastern quarter of the stand.
159	4191 - Mixed Upland Deciduous with Conifer		11.2	25	Immature	N/A	North part harvested in 2000, south part harvested in 2010.
160	629 - Mixed non-forested Wetland		70.0			No	
162	4319 - Mixed Upland Forest		1.0	78	51-80	N/A	From the road it looks like an island of red maple sawtimber with balsam fir and white pine.
163	6122 - Black Spruce		27.6	98		N/A	Low end of canopy coverage range. There is a 1976 FTP to cut all red maple, aspen, and oak.
164	622 - Lowland Shrub		4.6			No	OPIC - FMD: SCA = IDENTIFIED AS POG IN INITIAL OG/BS PLANS

156

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	5	Sapling	5	
White Pine	2		12	
Jack Pine	10	Sapling	5	
Bigtooth Aspen	82	Sapling	5	35
Balsam Fir	1	Seedling	6	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Medium	Variable	Variable
Balsam Fir	Trace	Variable	Variable
Pin Cherry	Low	Variable	Variable

158

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	90	Pole	4	25
Black/Red (Hybrid) Oak	8	Pole	4	
Jack Pine	1	Sapling	5	
Black Cherry	1	Sapling	5	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Medium	Variable	Variable
Pin Cherry	Low	Variable	Variable
Red Maple	Low	5 - 10 feet	5 - 10 feet

159

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	2	Log	2	
Bigtooth Aspen	8	Log	2	15
Black/Red (Hybrid) Oak	35	Pole	4	25
White Pine	15	Pole	3	
White Pine	5		13	
Pin Cherry	35	Log	2	

163

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	78		10	98
Red Maple	5		12	
Paper Birch	5		8	
Balsam Fir	10		8	
White Pine	2		12	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	Variable	Variable
Black Spruce	Medium	Variable	Variable
Tag Alder	Medium	5 - 10 feet	5 - 10 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
165	4191 - Mixed Upland Deciduous with Conifer	Sapling Medium	14.2	3	1-50	N/A	Cut Fall 2021/Winter 2022. Log/pole white pine and oak left.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	58	Log	1	3
Quaking Aspen	10	Log	1	3
Pin Cherry	2	Log	1	
Black/Red (Hybrid) Oak	2		12	
White Pine	28		11	87

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
166	42200 - Natural White Pine	Sawtimber Well	10.2	87	81-110	N/A	Thinned in Fall 2021/Winter 2022 by removing most of the hardwoods. A few oak were marked to leave for mast.

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	1		12	87
White Pine	99		12	87

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	5 - 10 feet	5 - 10 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
167	6113 - Lowland Maple	Poletimber Well	12.1	87	81-110	N/A	Lowland maple with some conifer and super-canopy white pine.

Canopy Species	% Cover	Size Class	DBH	Age
Red Pine	1		14	
Red Maple	70		7	87
Paper Birch	12	Sapling	7	
Black Spruce	4	Seedling	7	
Northern White Cedar	10		10	
White Pine	3		18	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	Variable	Variable
Tag Alder	Low	5 - 10 feet	5 - 10 feet
Balsam Fir	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
168	6124 - Lowland Spruce-Fir	Poletimber Medium	89.5	107		N/A	

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	20	Seedling	6	
Black Spruce	35	Seedling	7	
Northern White Cedar	35		8	107
Red Maple	9		8	
Paper Birch	1	Seedling	7	

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Medium	5 - 10 feet	5 - 10 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
169	500 - Water	Unspecifed	32.5			No	
170	310 - Herbaceous Openland		12.6			Yes	This was a mixed stand of pine and oak that was cut Winter 2022 and tops were spread for natural regeneration. Virtually no regeneration present except for a few stump sprout cherry. Add to Bear Creek Burn to manage for an opening/barrens.
171	6224 - Treed Bog		19.8			No	

Sub-Canopy Species	Density	Avg. Height	Size
Leatherleaf	Full	< 5 feet	< 5 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
172	42200 - Natural White Pine		17.6	50	81-110	N/A	Thinned Winter 2022. High end of BA range.
173	4122 - Oak, Pine		4.5	87	1-50	N/A	Shelterwood cut 2022. No regeneration yet, except for some cherry sprouts.
174	6224 - Treed Bog		2.2			No	
176	4191 - Mixed Upland Deciduous with Conifer		9.3	48	51-80	N/A	Heavily thinned in 2024. Some sprouting occurring but high amount of deer browse.
177	6120 - Lowland Cedar	Sawtimber Well	13.3	128	111-140	N/A	Decent sized blowdown area that is coming back to balsam fir is included.
181	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Poor	9.6	95		N/A	No vehicle access except through private.
182	4131 - Aspen, Oak	Poletimber Medium	23.8	48		N/A	Previous comment: ASPEN WITH SCATTERED OAK, NO ACCESS EXCEPT ACROSS PRIVATE, scattered wet areas WITH LOWLAND SHRUB
183	6225 - Bog	Unspecifed	1.5			No	

172

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	2		16	89
White Pine	94		11	50
Red Pine	2		12	
White Oak	2		16	89

Sub-Canopy Species	Density	Avg. Height	Size
Pin Cherry	Low	5 - 10 feet	5 - 10 feet
Balsam Fir	Trace	Variable	Variable

173

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	30		14	87
White Pine	35		8	48
White Oak	35		14	87

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	Variable	Variable
Pin Cherry	Low	5 - 10 feet	5 - 10 feet

176

Canopy Species	% Cover	Size Class	DBH	Age
White Oak	15		17	88
Black/Red (Hybrid) Oak	35		15	88
White Pine	39		12	48
Red Maple	10		10	
Red Pine	1		17	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Medium	Variable	Variable

177

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	17	Sapling	6	
Northern White Cedar	70		11	128
Hemlock	10		13	
White Pine	3		17	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Full	Variable	Variable
Tag Alder	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
185	6129 - Mixed Coniferous Lowland Forest		21.8	118	111-140	N/A	Large, supercanopy white pine dominated lowland.
186	6224 - Treed Bog		2.3			No	BOG WITH SCATTERED CONIFERS ENCROACHING
187	4130 - Aspen		23.7	35	1-50	N/A	Cut 1990.
188	4311 - Pine, Aspen Mix		3.6	53	81-110	N/A	Mostly white pine with aspen and oak mixed in and some scatteredted pine. Stand is on a transition slope from upland aspen to the west and lowland pine to the east
189	6224 - Treed Bog		14.2			No	Alot of encroaching conifers and a rim of conifers on transitional ground is spots.
190	330 - Low-Density Trees		14.6			Yes	Cut summer 2000. Scattered white pine pole/logs with some oak and cherry sapling/poles. Managed as a pine barrens through prescribed burning on a 3-5 year rotation. Last burned April 2024.
192	4130 - Aspen		14.0	32	Unspecified	N/A	Stand was harvested in 1993. Western part of the stand includes a pocket of mature white pine and aspen. Stand just reaches pole size overall.

185

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Poplar	1	Seedling	6	
White Pine	34		19	118
Red Pine	2		10	
Balsam Fir	17	Seedling	6	
Black Spruce	17		7	
Northern White Cedar	20		8	118
Red Maple	8		8	
Paper Birch	1	Seedling	7	

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Low	5 - 10 feet	5 - 10 feet
Balsam Fir	Medium	Variable	Variable
Black Spruce	Medium	Variable	Variable
White Pine	Medium	Variable	Variable

187

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	2	Pole	4	
White Pine	10		8	
Bigtooth Aspen	88	Sapling	6	35

Sub-Canopy Species	Density	Avg. Height	Size
White Oak	Trace	5 - 10 feet	5 - 10 feet
Black/Red (Hybrid) Oak	Low	Variable	Variable
White Pine	Low	Variable	Variable

188

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	10		14	
White Pine	45		8	53
White Oak	5		14	
Red Maple	5	Seedling	6	
Bigtooth Aspen	35	Seedling	7	53

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Medium	Variable	Variable

192

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	80	Sapling	5	32
Black/Red (Hybrid) Oak	1	Sapling	5	
White Pine	19		6	

Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak	Trace	5 - 10 feet	5 - 10 feet
White Pine	Low	Variable	Variable
Pin Cherry	Low	5 - 10 feet	5 - 10 feet
Balsam Fir	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
193	6124 - Lowland Spruce-Fir	Sapling Well	8.4	37		N/A	Looks like an open lowland stand that is now seading in to lowland conifer. The Balsam Fir I cored were between 30 and 40 years old.
194	4130 - Aspen	Poletimber Well	8.6	32	Unspecified	N/A	Cut 1993.
195	629 - Mixed non-forested Wetland		11.8			No	Some lowland species throughout, but overall nonforested wetland.
196	6120 - Lowland Cedar		64.5	218	81-110	N/A	Lots of standing dead cedar.

193

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Poplar	15	Pole	3	
White Pine	2	Seedling	7	
Balsam Fir	41	Pole	3	37
Tamarack	2	Pole	4	
Black Spruce	30	Pole	4	
Northern White Cedar	10	Seedling	7	

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Low	10 - 20 feet	10 - 20 feet
Northern White Cedar	Trace	5 - 10 feet	5 - 10 feet

194

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	3	Sapling	5	
White Pine	1	Seedling	6	
Red Maple	1	Pole	4	
Bigtooth Aspen	95	Sapling	6	32

Sub-Canopy Species	Density	Avg. Height	Size
White Oak	Low	Variable	Variable
Balsam Fir	Low	Variable	Variable
Witch Hazel	Low	5 - 10 feet	5 - 10 feet
Black/Red (Hybrid) Oak	Low	5 - 10 feet	5 - 10 feet
White Pine	Medium	Variable	Variable

195

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	30	Pole	3	
Tamarack	10	Pole	3	
Black Spruce	30	Sapling	5	54
Northern White Cedar	20		11	
Red Maple	5		12	
Paper Birch	5	Seedling	7	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	Variable	Variable
Paper Birch	Trace	>20 feet	>20 feet
Balsam Fir	Low	Variable	Variable
Tamarack	Trace	Variable	Variable

196

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	2		14	
Black Spruce	10		7	
Northern White Cedar	70		11	218
Paper Birch	5		8	
Balsam Fir	10		7	
Tamarack	3		12	

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Low	10 - 20 feet	10 - 20 feet
Black Spruce	Low	Variable	Variable
Balsam Fir	High	Variable	Variable