



Compartment Review Presentation

Roscommon Forest Management Unit

Compartment 71001

Entry Year 2028

Acreage: 3,494

County: Roscommon

Management Area: High Sand Plains

Stand Examiner: Brian Martell

Legal Description:

T24N R04W, Sections 4-8.

Identified Planning Goals:

Maintain healthy and diverse forest land for wildlife, recreation and the production of forest products.

Soil and topography:

Soils in the uplands are mostly Graycalm sands with some minor areas of other sands. Soils in the lowland areas are mostly Tawas Lupton muck. The topography is generally flat with some moderately sloped hills on the west side of the compartment.

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

This compartment is mostly continuous state land with a few small private parcels within. The southwest portion of the compartment is part of the Norwich Oil Field which extends significantly to the west.

Unique Natural Features:

Secretive locust was last observed in the area in 2014 and there are known bald eagle nest sites in a portion of the compartment as well.

Archeological, Historical, and Cultural Features:

There are known archeological sites in the vicinity of the compartment.

Special Management Designations or Considerations:

Watershed and Fisheries Considerations:

Big Creek originates within the compartment and flows through, eventually to Higgins Lake.

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. The nearest known active sand/gravel operations occur more than three miles southeast of the compartment, but there is generally good potential for sand & gravel development on the uplands in the west half of the compartment. Oil & gas production from the East Norwich field occurs in Sec 7, and those State-owned mineral rights are currently leased and held by production. The field is very mature and has undergone secondary recovery operations. Potential for further expansion of the field is low. There has been no recent well permitting activity around the compartment. Potential for future oil & gas development within the compartment is considered low at this time.

Vehicle Access:

There are various county roads and forest roads, including 40 roads in some areas, throughout this compartment making vehicle access to the uplands very good.

Survey Needs:

None at this time.

Recreational Facilities and Opportunities:

Snowmobile Trail 6/7 runs generally north and south through the compartment. There are also a few ATV trails within the compartment. There are ample opportunities for hunting and camping within the compartment as well.

Fire Protection:

A sizable portion of the compartment consists of pine dominated fuels which can cause difficulty in suppression given certain conditions. There are also multiple motorized recreational trails and a few private parcels throughout the area that increase the possibility of an ignition source. There is an extensive network of roads that make access good and can be used as tools to help stop a fire.

Additional Compartment Information:

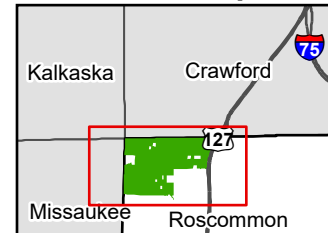
The following reports from the Inventory are attached:

- 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**

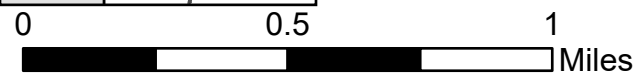
The following information is displayed, where pertinent, on the attached compartment maps:

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

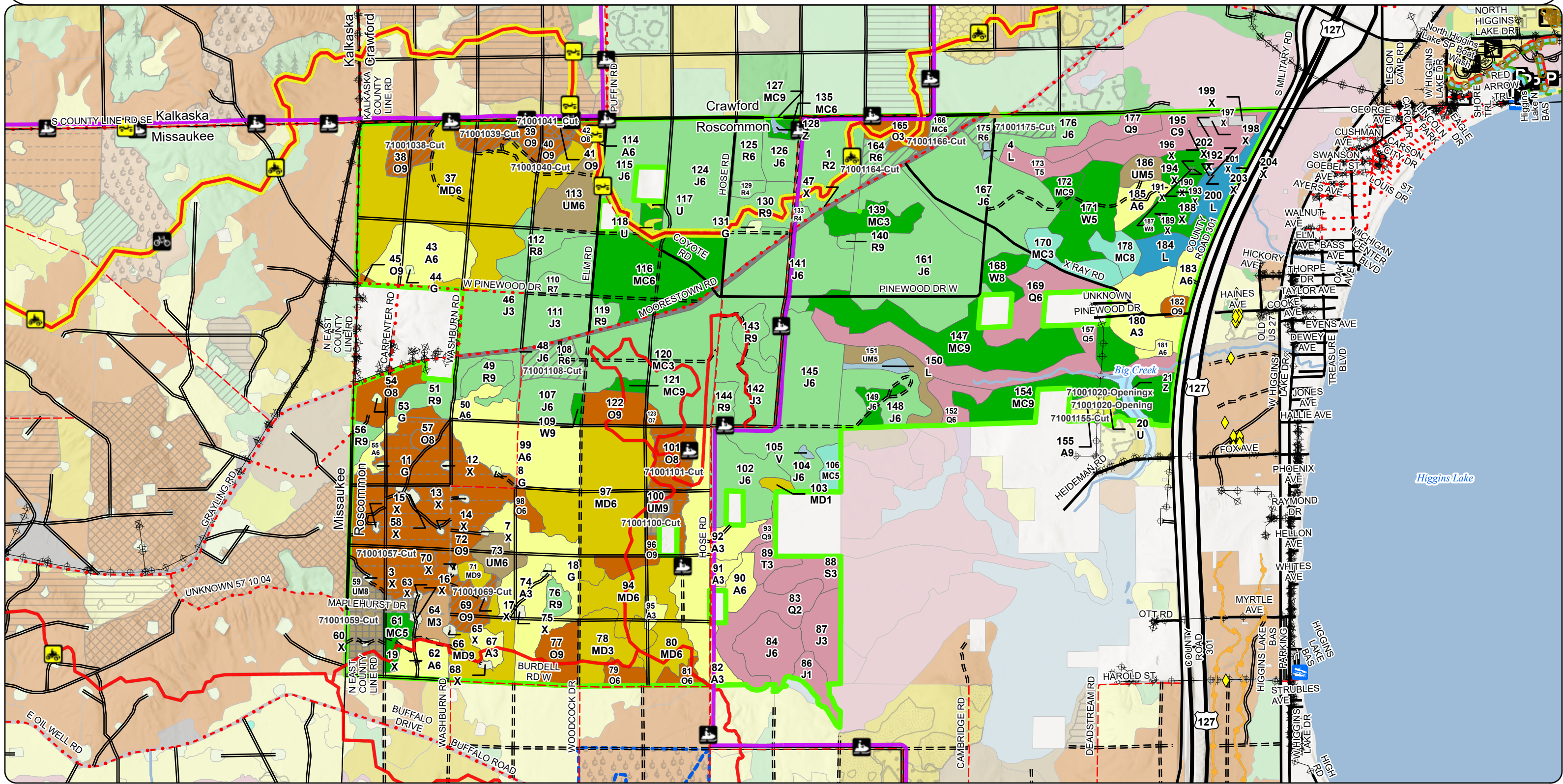
Cover Type & Treatments Map



Compartment: 71001
T24N, R01W, Sec. 26-28, 32-35
T23N, R01W, Sec. 2, 3
County: Roscommon
Unit: Roscommon
Mgmt. Area: High Sand Plains
YOE: 2028
Acres: 3,494 GIS Calculated
Examiner: Brian Martell
Date Exported: 06/11/2026
Map Phase: Web Post



- Survey Grade Corners
- Toilet
- Parking Lot
- Boating Access Site
- Berm
- Use Permit Trails
- Designated Hiking Pathway
- Designated Bicycle Trails
- Designated Ski Trails
- Designated Snowshoe Trails
- Designated MCCCT Trails
- Designated ORV Routes
- Designated ATV Trails
- Designated Snowmobile
- DNR - Primary Forest Road
- 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
- Streams
- Lakes and Rivers
- Electric
- Compartment Boundary
- Treatments with Site Conditions
- Clearcut
- Selection
- Seed Tree
- Thinning
- Overstory Removal
- Openings Mgmt.
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 500 - Water
- 612 - Lowland Coniferous Forest
- 110 - Low Intensity Urban
- 122 - Road/Parking Lot
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 629 - Mixed non-forested Wetland
- 790 - Other Bare/Sparsely Vegetated



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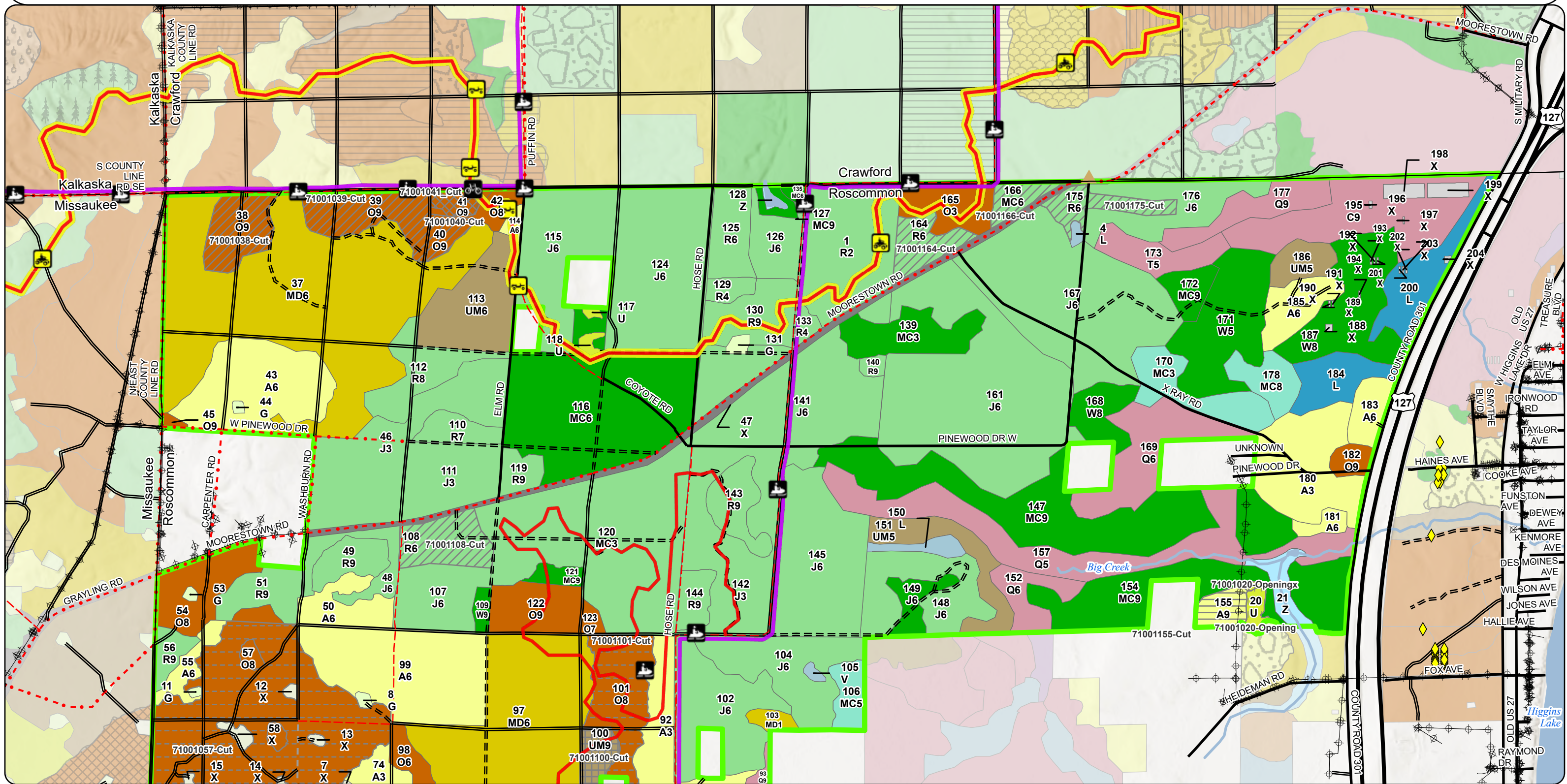
0 0.5 1 Miles

- Survey Grade Corners
- Berm
- Designated MCCCT Trails
- Designated ORV Routes
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- DNR - Secondary Forest Road
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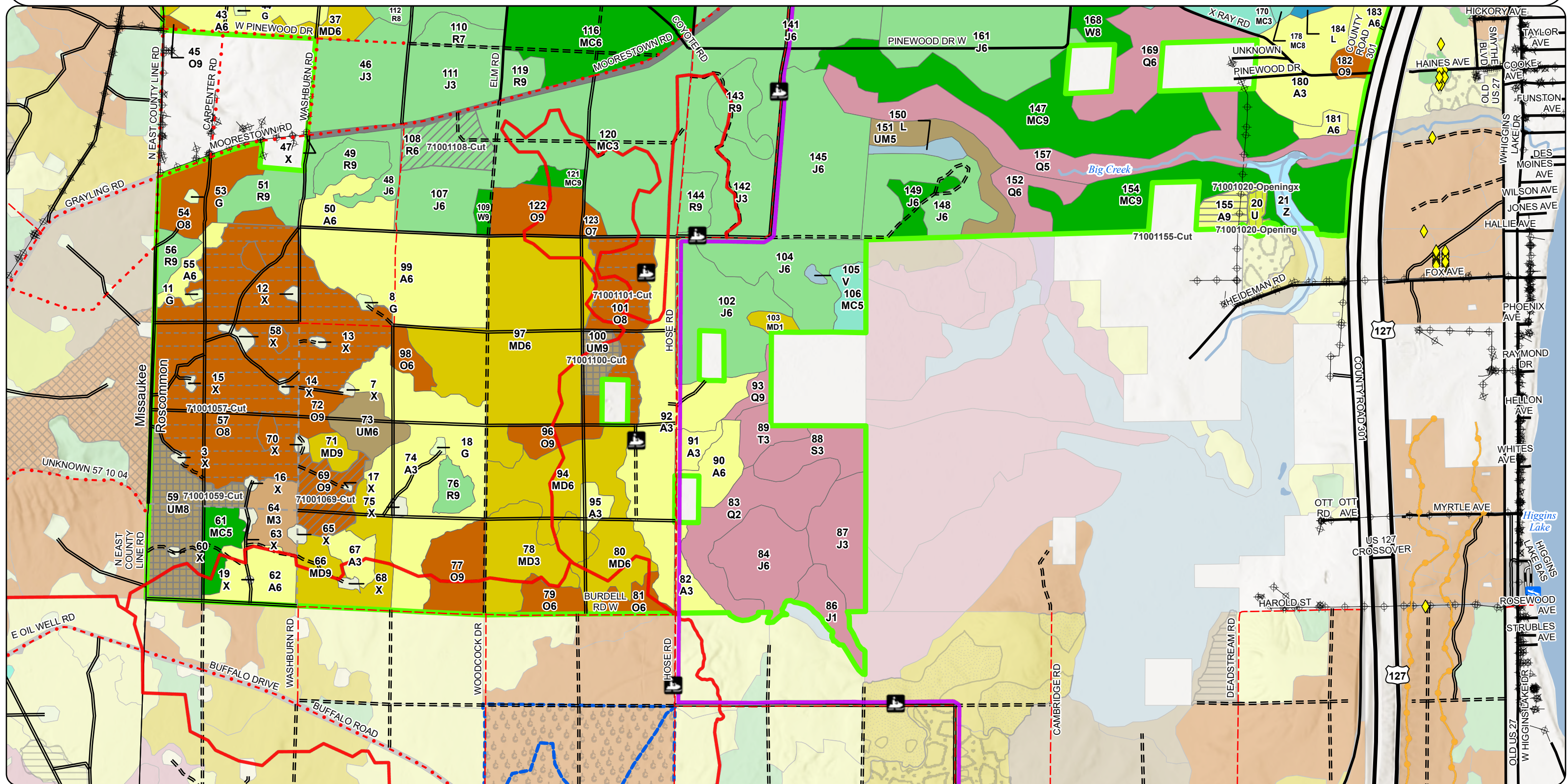


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-  Boating Access Site
-  Use Permit Trails
-  Designated ORV Routes
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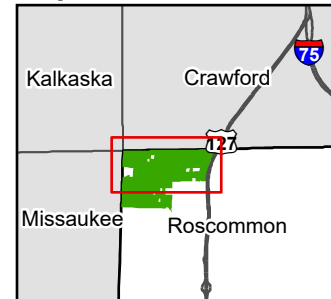
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Stand Boundary Map

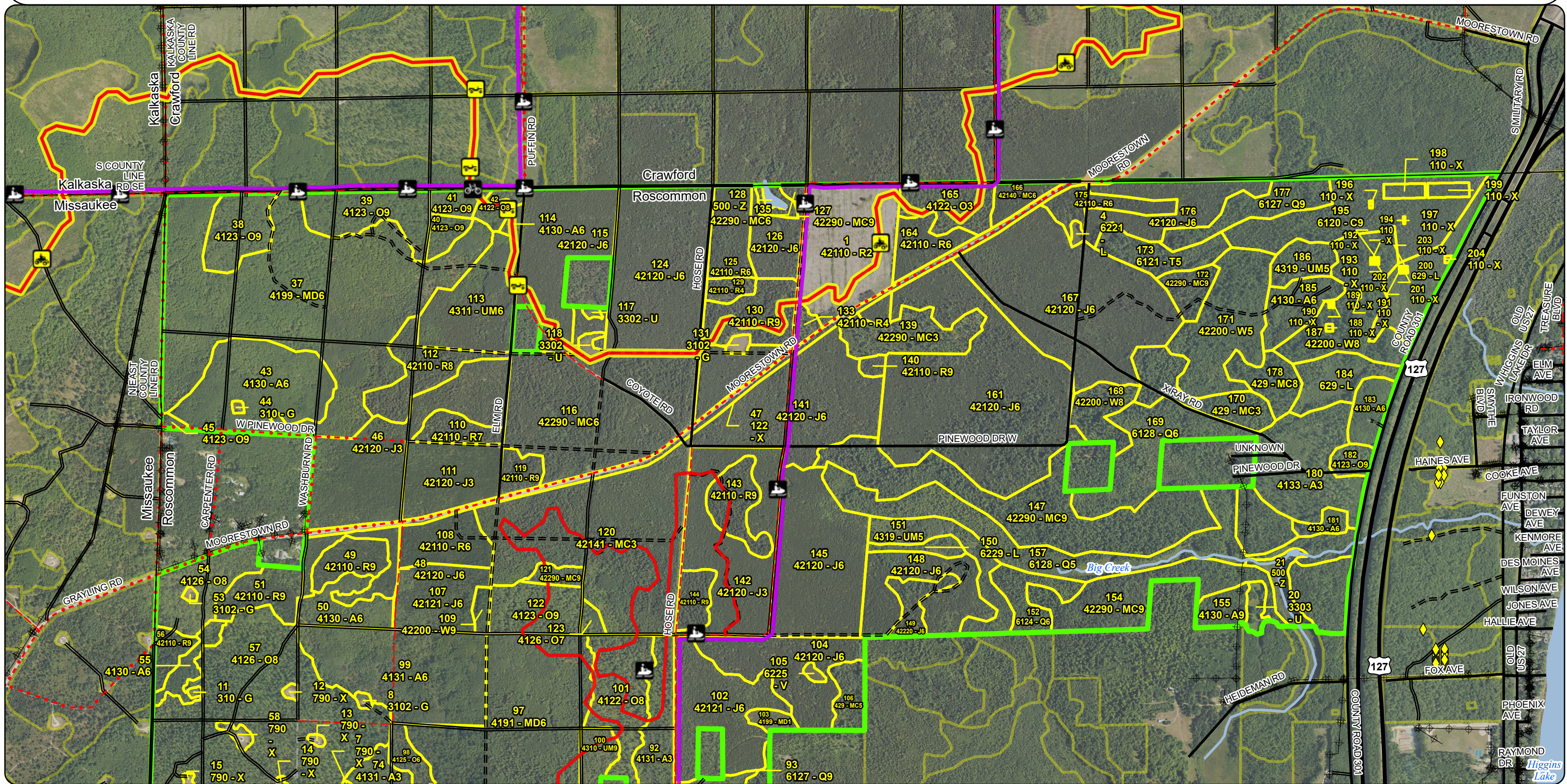


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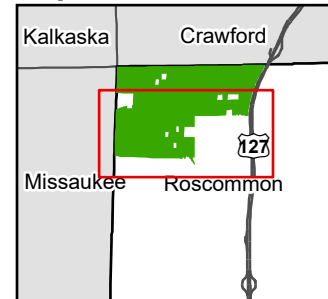
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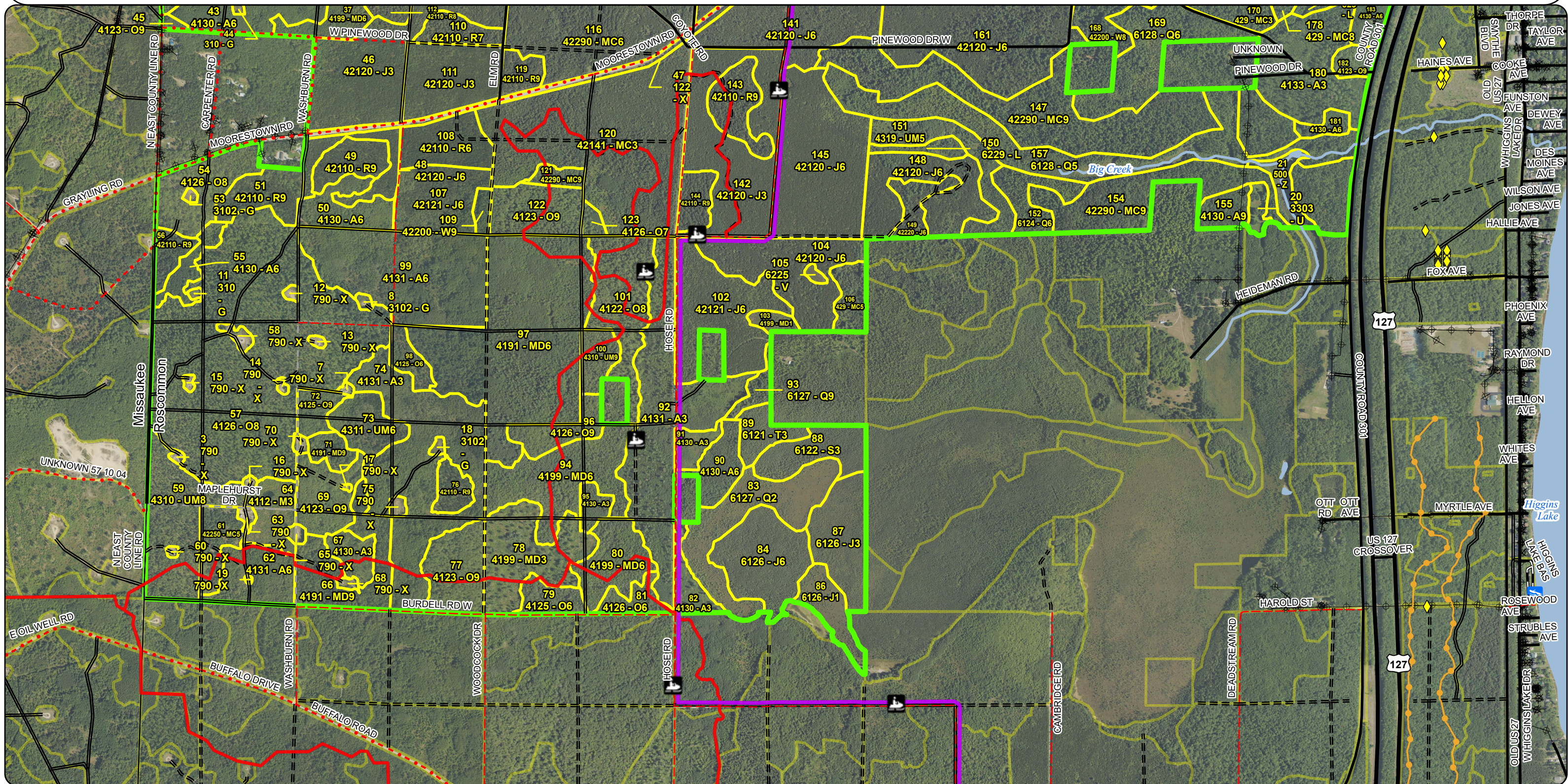


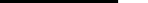
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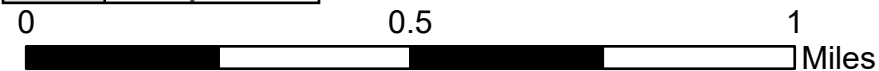
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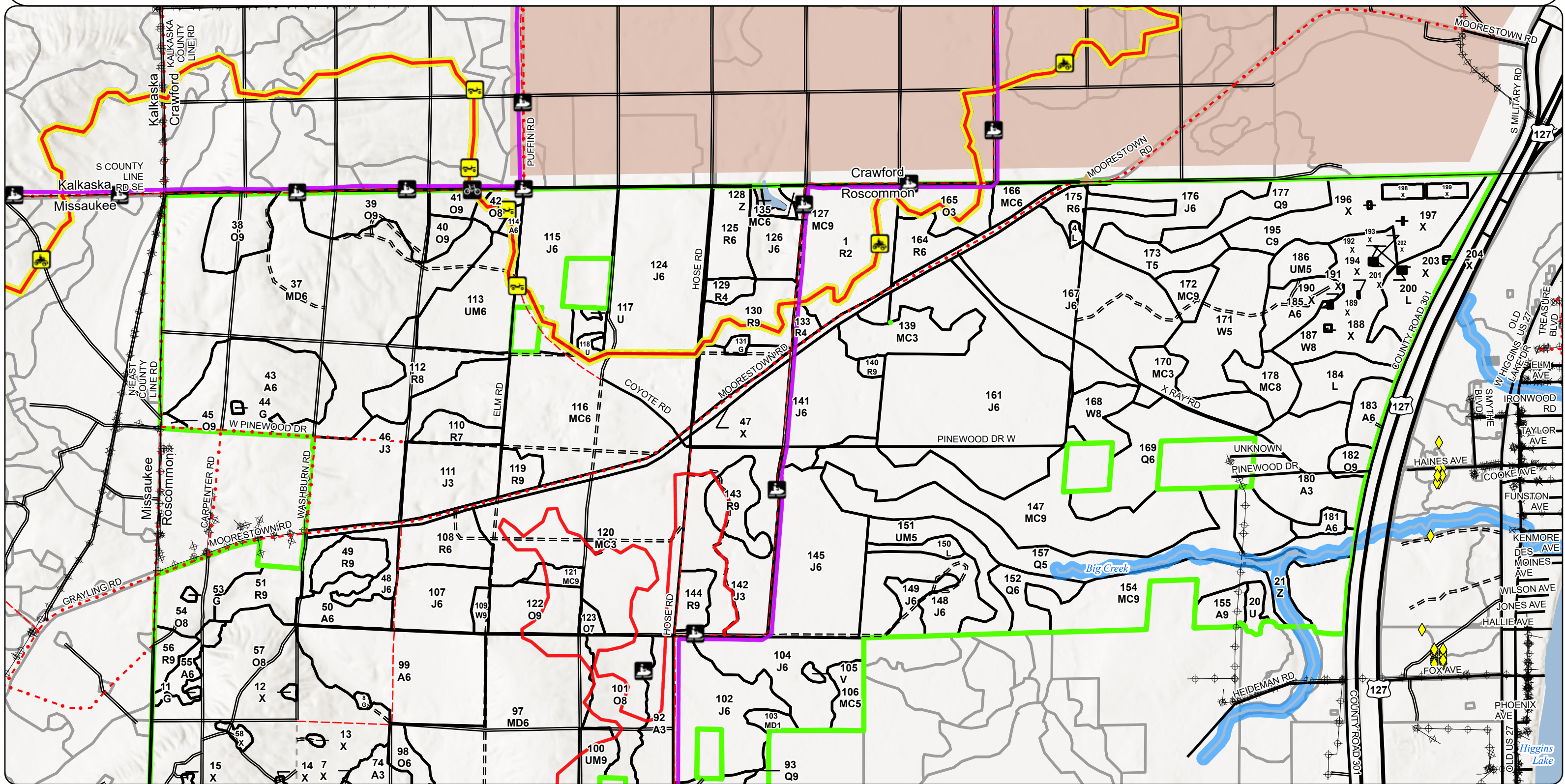
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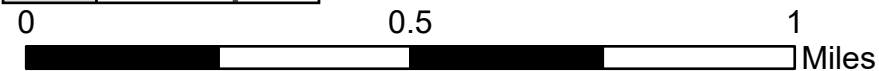
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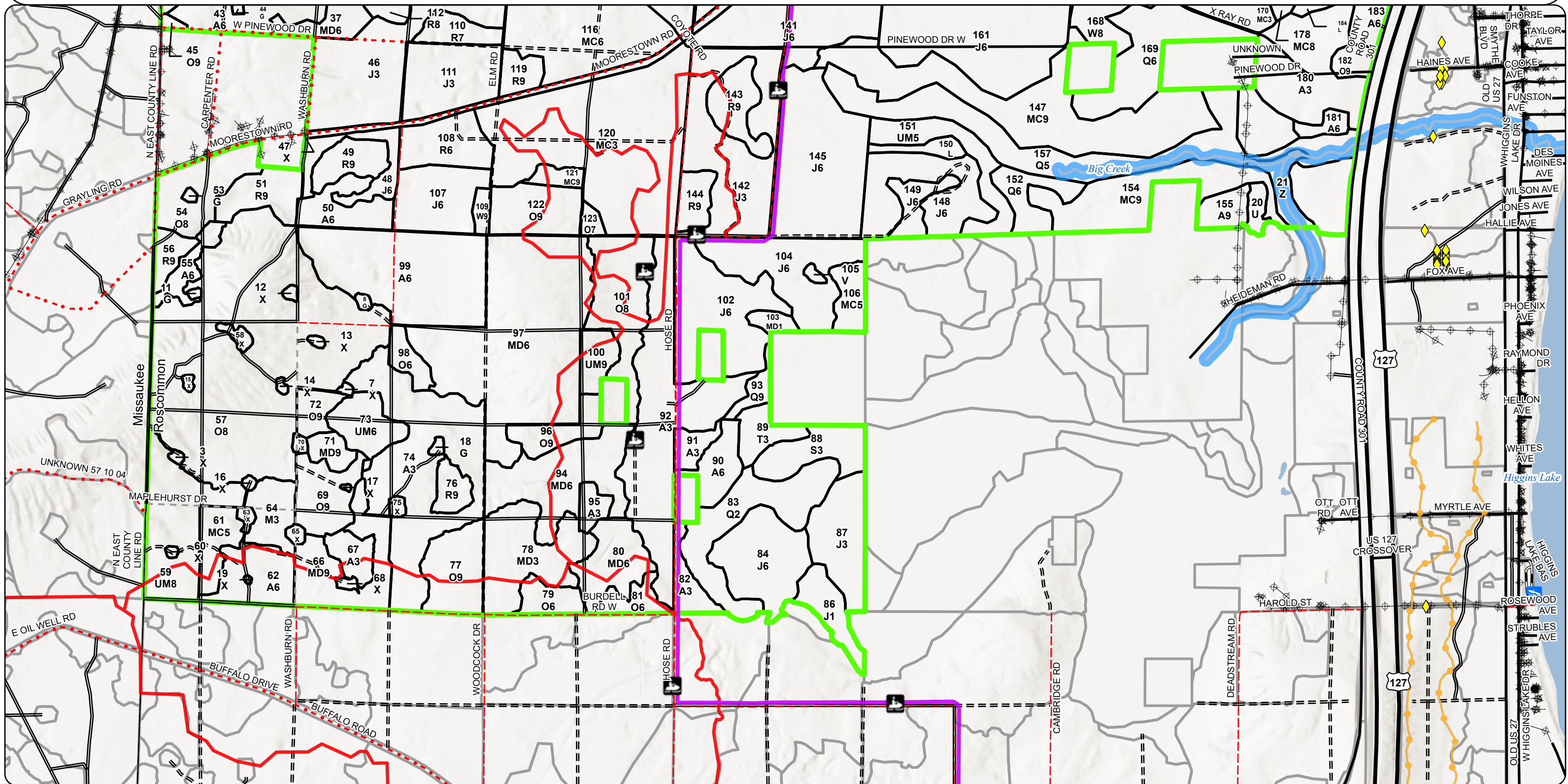
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-  Lakes and Rivers
-  Electric
-  Compartment Boundary
-  Cold Water Streams
-  High Priority Trout Stream Buffer
-  Research, Development, and Military Lands



1 Miles



- | | | | | | |
|---|-----------------------|---|---------------------------------------|---|-----------------------------------|
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|  | Designated ORV Routes |  | Federal / State Highway |  | Electric |
|  | Designated ATV Trails |  | Federal / State / County - Paved Road |  | Compartment Boundary |
|  | Designated Snowmobile |  | County - Gravel Road |  | Cold Water Streams |
| | |  | County - Dirt Road (Seasonal) |  | High Priority Trout Stream Buffer |



Report 1 – Total Acres by Cover Type and Age Class

Compartment 1

Year of Entry 2028



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	23	112	13	250	16	10	0	0	0	0	0	0	0	0	0	0	0	424
Bare/Sparsely Vegetated	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Bog	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	50	0	0	0	0	0	50
Herbaceous Openland	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Jack Pine	0	0	0	249	117	472	9	26	0	32	0	0	0	0	0	0	0	0	905
Low-Density Trees	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Lowland Conifers	0	0	0	0	0	37	0	0	13	0	0	98	19	0	5	0	0	0	172
Lowland Shrub	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	0	0	18	0	0	0	0	0	0	18
Mixed Upland Deciduous	0	35	0	184	0	0	60	0	0	0	28	110	6	0	0	0	0	0	423
Natural Mixed Pines	0	0	22	0	96	12	0	0	5	3	0	0	9	142	0	0	0	2	290
Northern Hardwood	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Oak	0	0	7	18	0	0	16	0	0	0	54	232	84	13	0	0	0	0	424
Planted Mixed Pines	0	0	0	109	0	8	0	0	0	0	0	0	0	0	0	0	0	0	117
Red Pine	0	52	0	0	0	61	44	80	5	0	7	0	0	0	0	0	0	0	248
Tamarack	0	0	0	0	0	0	0	0	0	0	10	0	16	0	0	0	0	0	26
Upland Conifers	0	0	0	21	9	0	0	0	0	0	0	0	0	0	0	13	0	0	43
Upland Mixed Forest	0	0	0	0	81	0	0	0	38	0	0	0	9	0	0	0	0	0	128
Urban	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31
Water	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
White Pine	0	0	0	0	0	0	0	0	3	0	14	0	40	0	0	0	43	0	100
Total	114	123	141	594	553	606	139	106	64	35	113	458	233	155	5	13	43	2	3495



Report 2 – Treatment Summary

Roscommon Mgt. Unit
Year of Entry: 2028

Acres of Harvest

Compartment 1
Total Compartment Acres: 3,494

Commercial Harvest - 149
Harvests with Site Condition - 0
Next Step Harvest - 0
Habitat Cut - 270

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overshoot Removal	Salvage	Other	Total Acres
Aspen	8	0	0	0	0	0	0	0	0	8
Oak	0	5	0	0	68	199	0	0	0	272
Planted Mixed Pines	0	0	0	0	8	0	0	0	0	8
Red Pine	0	0	0	0	44	0	0	0	0	44
Upland Mixed Forest	0	0	0	46	0	0	0	0	0	46
Total	8	5	0	46	0	119	199	0	0	377

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	377	0	0	0	0	0	0	0	0	381
Next Step	0	0	0	0	0	59	0	0	0	82
Total	377	0	0	0	0	59	0	0	0	464



Standard

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

20	71001020-Opening	3.6	3303 - Mixed Low Density Trees	99			Openings Mgmt.	Openings Mgmt.	310 - Herbaceous Openland	Previous Inventory	No
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Prescription Mow, cultivate, fertilize, seed as required to maintain established Wildlife Opening, Deadstream Field 1.

Specs:

Next Step Openings Mgmt., Mowing; Openings Mgmt., Grass/Forb Planting; Openings Mgmt., Disking/Plowing; Openings Mgmt., Brush Mgmt.;

Treatments: Openings Mgmt., Herbicide; Openings Mgmt., Other - Specify

Acceptable

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/01/2027

20	71001020-Openingx	0.4	3303 - Mixed Low Density Trees	99			Openings Mgmt.	Openings Mgmt.	310 - Herbaceous Openland	Previous Inventory	No
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Prescription Mow, fertilize, seed as required to maintain established Wildlife Opening, Deadstream Field 1.

Specs:

Next Step Openings Mgmt., Mowing; Openings Mgmt., Grass/Forb Planting; Openings Mgmt., Brush Mgmt.; Openings Mgmt., Herbicide;

Treatments: Openings Mgmt., Other - Specify

Acceptable

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/01/2027

38	71001038-Cut	19.2	4123 - Red Oak	9	96	81-110	Harvest	Thinning	412 - Oak Types	Planting Record	No
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Prescription Thin down to 60 to 80 BA, promoting white pine and white oak. Remove poor formed and suppressed trees, then mark for spacing. Include oak wilt spec as necessary to comply with oak wilt guidance.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/01/2027



Standard

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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39	71001039-Cut	24.4	4123 - Red Oak	9	96	81-110	Harvest	Thinning	412 - Oak Types	Planting Record	Yes
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Prescription Thin down to 60 to 80 BA promoting white pine and white oak. Remove poor formed and suppressed trees, then mark for spacing. Include oak wilt spec as necessary to comply with oak wilt guidance.

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/01/2027

40	71001040-Cut	5.8	4123 - Red Oak	9	96	81-110	Harvest	Thinning	412 - Oak Types	Planting Record	No
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Prescription Thin down to 60 to 80 BA promoting white pine and red oak. Remove poor formed and suppressed trees, then mark for spacing. Retain dominant and co-dominant white oak where possible. Include hard oak wilt spec as necessary to comply with oak wilt guidance.

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/01/2027

57	71001057-Cut	167.1	4126 - White, Black, N. Pin Oak	8	106	51-80	Harvest	Overstory Removal	4199 - Other Mixed Upland Deciduous	Cutting Record	Yes
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Prescription Cut all trees 2 inch DBH and larger, but leave all pine and white oak. Protect oak and white pine regeneration. Exclude retention patches from previous harvest. Include hard oak wilt spec as necessary to comply with oak wilt guidance. Require Missaukee O

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/01/2027

59	71001059-Cut	37.1	4310 - Pine, Oak Mix	8	75	81-110	Harvest	Seed Tree	4319 - Mixed Upland Forest	Planting Record	No
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Prescription Cut all trees 2 inches DBH and larger. Leave all white pine and about 10 BA of large crowned healthy white oak where present. Protect white pine and oak regeneration where possible. Leave red pine that meet legacy tree definitely definition. Exclude ret

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

Acceptable Moderately stocked stand of white pine, oak, and red maple.
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/01/2027



Standard

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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69	71001069-Cut	18.5	4123 - Red Oak	9	119	141-170	Harvest	Thinning	412 - Oak Types	Planting Record	Yes
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Prescription Cut down to 60-80 BA. Remove suppressed and poor formed trees. Do not spec cut all red maple so as to try to inhibit sprouting. Require
Specs: Missaukee Oil and Gas to be notified and included in pre-sale conference. Include hard oak wilt spec.

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/01/2027

100	71001100-Cut	9.0	4310 - Pine, Oak Mix	9	114	111-140	Harvest	Seed Tree	4319 - Mixed Upland Forest	Planting Record	Yes
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Prescription Cut all trees 2 inches DBH and larger. Leave all white pine and about 10 BA of large crowned healthy white oak where present. Protect white
Specs: pine and oak regeneration where possible. Leave red pine that meet legacy tree definitely definition. No other re

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

Acceptable Moderately stocked stand of white pine, oak, and red maple.
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/01/2027

101	71001101-Cut	32.1	4122 - Oak, Pine	8	113	51-80	Harvest	Overstory Removal	4319 - Mixed Upland Forest	Planting Record	Yes
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Prescription Cut all trees except do not cut any white pine. Leave 1-3 healthy large crowned white oak per acre where present. Protect oak and pine
Specs: regeneration. Exclude retention areas from previous harvest. Include oak wilt spec as necessary to comply with oak wil

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/01/2027

108	71001108-Cut	18.9	42110 - Planted Red Pine	6	49	141-170	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	No
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Prescription 3rd row thin. Confidence marking is necessary.
Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/01/2027



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
155	71001155-Cut	7.7	4130 - Aspen	9	53	141- 170	Harvest	Clearcut	413 - Aspen	Planting Record	Yes
<u>Prescription</u> Cut all trees 2 inches DBH and larger, except for all pine and hemlock. Leave no other retention due to small stand size. Leave drumming <u>Specs:</u> logs. Use stringent rutting spec to protect potential sub-surface resources. Set up in 2027 YOE to batch with the un <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Fully stocked stand of aspen with lesser amounts of maple, oak, and balsam fir. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											
164	71001164-Cut	13.0	42110 - Planted Red Pine	6	48	171- 200	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	No
<u>Prescription</u> 3rd row thin. Confidence marking might be necessary in spots. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2027											
166	71001166-Cut	7.5	42140 - Planted Mixed Pine	6	48	141- 170	Harvest	Thinning	42140 - Planted Mixed Pine	Planting Record	No
<u>Prescription</u> 3rd row thin. Confidence marking is necessary. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2027											
175	71001175-Cut	12.0	42110 - Planted Red Pine	6	48	141- 170	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	Yes
<u>Prescription</u> Cut every 3rd row. Confidence marking may be necessary. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2027											



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

41	71001041_Cut	5.0	4123 - Red Oak	9	103	141-170	Harvest	Selection	412 - Oak Types	Planting Record	No
<u>Prescription</u> Mark to cut for best tree in place down to 70 to 80 residual BA. Remove the poor form and suppressed trees. Retain all white pine and <u>Specs:</u> except to remove for operability of machinery. Leave quality white oak when possible for diversity and wildlife. Delay											
<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)											
<u>Treatments:</u>											
<u>Acceptable</u> Any combination of hardwoods and pine to a fully stocked stand.											
<u>Regen:</u>											
<u>Other</u> Include appropriate ORV specs for the trail that runs through the east side of the stand.											
<u>Comment:</u>											
<u>Site Condition:</u>											
<u>Proposed Start Date:</u> 10/01/2022											

Total Treatment 381.3
Acreage Proposed:



Availability for Management

Total Acres	Acres Available	Acres Available With Condition	Acres Not Available		Dominant Site Conditions			
					5B	2G	3J	5E
388	381	0	7	Aspen				7
14	14	0	0	Bare/Sparsely Vegetated				
1	1	0	0	Bog				
50	0	0	50	Cedar		50		
5	5	0	0	Herbaceous Openland				
904	834	0	70	Jack Pine		70		
7	7	0	0	Low-Density Trees				
172	0	0	173	Lowland Conifers		173		
47	47	0	0	Lowland Shrub				
18	0	0	18	Lowland Spruce/Fir		18		
421	421	0	0	Mixed Upland Deciduous				
290	286	0	3	Natural Mixed Pines			3	
13	13	0	0	Northern Hardwood				
258	230	18	10	Oak	18			10
116	116	0	0	Planted Mixed Pines				
248	248	0	0	Red Pine				
26	0	0	26	Tamarack		26		
43	43	0	0	Upland Conifers				
128	128	0	0	Upland Mixed Forest				
31	31	0	0	Urban				
9	9	0	0	Water				
100	100	0	0	White Pine				
3,290	2,916	18	357	Total Forested Acres	18	337	3	17
	89%	1%	11%	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		5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:								

Report 4 – Site Conditions



3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	77	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	5E: Long-Term Retention	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	141	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
18	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions



19	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
20	Unavailable	5E: Long-Term Retention	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
34	Available	5B: Maintain for regeneration purposes	18	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
35	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	3	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
38	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	35	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Muck soils							
42	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	85	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



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																				
1	42110 - Planted Red Pine	Sapling Medium	52.4	4	Immature	N/A	Stand was cut in spring of 2019 as a part of "Moorestown Pine" 71-016-18. Stand will be sprayed with Weyerhaeuser mix then free-planted. If regeneration surveys show low survivability from free-plant, trench and re-plant. Site prep sprayed 2021. Planted 892 TPA spring 2022. Year 1 regen check was good. Year 3 regen check showed 780 TPA																				
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Pin Cherry</td><td>1</td><td>Sapling</td><td>4</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>14</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Red Pine</td><td>85</td><td>Sapling</td><td>1</td><td>4</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Pin Cherry	1	Sapling	4		Black/Red (Hybrid) Oak	14	Sapling	1		Red Pine	85	Sapling	1	4
Canopy Species	% Cover	Size Class	DBH	Age																							
Pin Cherry	1	Sapling	4																								
Black/Red (Hybrid) Oak	14	Sapling	1																								
Red Pine	85	Sapling	1	4																							
3	790 - Other Bare/Sparsely Vegetated	None	0.7																								
4	6221 - Fen	None	1.2			No																					
7	790 - Other Bare/Sparsely Vegetated	None	0.7																								
8	3102 - Grass	None	0.9				Active water injection well.																				
11	310 - Herbaceous Openland	None	0.5				Well plugged 6/12/2003 and approved.																				
12	790 - Other Bare/Sparsely Vegetated	None	0.8				Active well																				
13	790 - Other Bare/Sparsely Vegetated	None	0.7				Producing oil well.																				
14	790 - Other Bare/Sparsely Vegetated	None	0.6				Active well.																				
15	790 - Other Bare/Sparsely Vegetated	None	0.7				Oil/gas infrastructure																				
16	790 - Other Bare/Sparsely Vegetated	None	0.7				Producing oil well.																				
17	790 - Other Bare/Sparsely Vegetated	None	0.2				Active well.																				
18	3102 - Grass	None	0.9				Well plugged 8/2/2004 and approved.																				
19	790 - Other Bare/Sparsely Vegetated	None	0.2				Active water injection well.																				
20	3303 - Mixed Low Density Trees	None	4.0			Yes	Deadstream #1																				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																															
21	500 - Water	None	8.2			No	Big Creek Corridor. Added to SCA layer for continuity per the compartment review notes																																																															
37	4199 - Other Mixed Upland Deciduous	Poletimber Well	179.8	26	Immature	N/A	Cut fall 2000.																																																															
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Pine</td><td>3</td><td>Pole/Log/Sap</td><td>7</td><td></td><td>Witch Hazel</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Red Maple</td><td>32</td><td>Sapling/Pole</td><td>4</td><td>26</td><td>White Oak</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Red Pine</td><td>2</td><td>Pole/Sap/Log</td><td>7</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Red Oak</td><td>25</td><td>Pole/Sapling</td><td>5</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Bigtooth Aspen</td><td>31</td><td>Pole/Sapling</td><td>5</td><td>26</td><td></td><td></td><td></td><td></td></tr><tr><td>White Oak</td><td>7</td><td>Sapling/Pole</td><td>4</td><td></td><td></td><td></td><td></td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	White Pine	3	Pole/Log/Sap	7		Witch Hazel	Low	< 5 feet	< 5 feet	Red Maple	32	Sapling/Pole	4	26	White Oak	Medium	10 - 20 feet	10 - 20 feet	Red Pine	2	Pole/Sap/Log	7						Red Oak	25	Pole/Sapling	5						Bigtooth Aspen	31	Pole/Sapling	5	26					White Oak	7	Sapling/Pole	4					
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																														
White Pine	3	Pole/Log/Sap	7		Witch Hazel	Low	< 5 feet	< 5 feet																																																														
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White Oak	7	Sapling/Pole	4																																																																			
38	4123 - Red Oak	Sawtimber Well	19.2	96	81-110	N/A	Trratment notes say shelterwood cut fall 2000, but looks more like a crown thinning. Rx burned in 2008 to set-back red maple stump sprouts, but not torch mid-story white pine. Long-term mixed oak/pine management.																																																															
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Oak</td><td>5</td><td>Log/Pole</td><td>12</td><td></td><td>Red Pine</td><td>Trace</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Red Oak</td><td>93</td><td>Log/Pole</td><td>13</td><td>96</td><td>White Pine</td><td>Medium</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>White Pine</td><td>2</td><td>Pole/Log</td><td>9</td><td>55</td><td>Red Oak</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>White Oak</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>Red Maple</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>Witch Hazel</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	White Oak	5	Log/Pole	12		Red Pine	Trace	10 - 20 feet	10 - 20 feet	Red Oak	93	Log/Pole	13	96	White Pine	Medium	>20 feet	>20 feet	White Pine	2	Pole/Log	9	55	Red Oak	Low	Variable	Variable						White Oak	Low	< 5 feet	< 5 feet						Red Maple	Medium	10 - 20 feet	10 - 20 feet						Witch Hazel	Low	5 - 10 feet	5 - 10 feet
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																														
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39	4123 - Red Oak	Sawtimber Well	24.4	96	81-110	N/A	Treatment notes say shelterwood cut fall 2000 but looks more like a thinning. 2008 RX burn to set-back red maple stump sprouts, but not torch mid-story white pine. Long-term mixed oak/pine management. Stand is scheduled to be treated for oak wilt in the fall of 2016. FTP created for using herbicide to kill red oak requiring no tree removal. Heavy deer browse on oak seedlings. MSU research within stand.																																																															
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Oak</td><td>3</td><td>Log/Pole</td><td>12</td><td></td><td>White Pine</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Red Oak</td><td>87</td><td>Log/Pole</td><td>13</td><td>96</td><td>Red Oak</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>5</td><td>Log/Pole</td><td>12</td><td></td><td>Witch Hazel</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>White Pine</td><td>5</td><td>Pole/Log</td><td>9</td><td>55</td><td>White Oak</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>Red Pine</td><td>Trace</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>Red Maple</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	White Oak	3	Log/Pole	12		White Pine	Low	>20 feet	>20 feet	Red Oak	87	Log/Pole	13	96	Red Oak	Low	Variable	Variable	Black/Red (Hybrid) Oak	5	Log/Pole	12		Witch Hazel	Low	5 - 10 feet	5 - 10 feet	White Pine	5	Pole/Log	9	55	White Oak	Medium	Variable	Variable						Red Pine	Trace	>20 feet	>20 feet						Red Maple	Medium	10 - 20 feet	10 - 20 feet
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																														
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40	4123 - Red Oak	Sawtimber Well	5.8	96	81-110	N/A	This stand is similar to 38 and 39, but was not part of the prescribed burn in 2008. Due to this the understory is more dense than those stands. Looks like there are more research activities going on in this stand as well.																																																															
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Pine</td><td>10</td><td>Log</td><td>12</td><td></td><td>White Oak</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>White Oak</td><td>5</td><td>Log/Pole</td><td>10</td><td>60</td><td>White Pine</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>Red Oak</td><td>75</td><td>Log</td><td>13</td><td>96</td><td>Red Maple</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>10</td><td>Log/Pole</td><td>12</td><td></td><td>Witch Hazel</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	White Pine	10	Log	12		White Oak	Low	5 - 10 feet	5 - 10 feet	White Oak	5	Log/Pole	10	60	White Pine	Medium	Variable	Variable	Red Oak	75	Log	13	96	Red Maple	Medium	Variable	Variable	Black/Red (Hybrid) Oak	10	Log/Pole	12		Witch Hazel	Low	5 - 10 feet	5 - 10 feet																		
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41	4123 - Red Oak	Sawtimber Well	6.1	103	141-170	N/A	Currently a prepped harvest.																																																															
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White Oak	10	Pole	8		Witch Hazel	Low	5 - 10 feet	5 - 10 feet																																																														



MICHIGAN

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
42	4122 - Oak, Pine	Sawtimber Medium	6.0	120	81-110	N/A	Scattered wolfy oak and red pine present. BA is variable. Some of the maple and oak understory is reaching pole size.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Black/Red (Hybrid) Oak	37	Log/XLog	16	120	White Pine	Low		Variable	Variable
White Oak	26	Log/XLog	14		Red Maple	High		>20 feet	>20 feet
Red Pine	37	Log/Pole	12	85	White Oak	Medium		Variable	Variable
					Black/Red (Hybrid) Oak	Low		Variable	Variable
43	4130 - Aspen	Poletimber Well	49.2	37	51-80	N/A	Cut fall 1989		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
White Pine	5	Pole/Log/Sap	9		Black/Red (Hybrid) Oak	Low	Variable	Variable	
Black/Red (Hybrid) Oak	5	Pole/Sapling	5		Red Maple	Low	Variable	Variable	
Red Maple	3	Pole/Sapling	5		White Oak	Medium	10 - 20 feet	10 - 20 feet	
Bigtooth Aspen	83	Pole/Sapling	6	37					
White Oak	1	Pole/Sapling	5						
Red Oak	2	Pole	6						
Red Pine	1	Pole	8						
44	310 - Herbaceous Openland	None	0.6				OLD WELL SITE plugged and approved.		



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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
48	42120 - Planted Jack Pine	Poletimber Well	12.8	47	81-110	N/A	The southern finger picks up most of the non-jackpine species.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine		97	Pole	7	47	White Oak	Low	Variable	Variable
Black/Red (Hybrid) Oak		1	Pole	7		Black/Red (Hybrid) Oak	Low	Variable	Variable
Quaking Aspen		1	Pole	7					
Black Cherry		1	Pole/Sapling	5					
49	42110 - Planted Red Pine	Sawtimber Well	12.0	63	81-110	N/A	Cut January 2021 as a part of "Moorestown Pine" 71-016-18.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine		99	Log/Pole	11	63	Pin Cherry	Low	5 - 10 feet	5 - 10 feet
Black/Red (Hybrid) Oak		1	Pole	7		Black/Red (Hybrid) Oak	Medium	10 - 20 feet	10 - 20 feet
						White Oak	Low	10 - 20 feet	10 - 20 feet
50	4130 - Aspen	Poletimber Well	15.6	48	51-80	N/A	Stand Year Origin was 1978		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen		77	Pole	7	48	Red Maple	Medium	Variable	Variable
White Oak		2	Log/Pole	11		White Oak	Low	Variable	Variable
White Pine		1	Log/XLog/Pole	14		Black/Red (Hybrid) Oak	Low	Variable	Variable
Black/Red (Hybrid) Oak		5	Pole/Log	8					
Red Maple		15	Pole/Log/Sap	8					
51	42110 - Planted Red Pine	Sawtimber Well	15.3	57	141-170	N/A	Plantation in a valley. Thinned winter 2011 as a part of "Moorestown Red Pine" 71-009-09. Northeast corner of stand has less red pine and is more intermixed with oak and red maple. Likely due to red pine failing soon after planting.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak		3	Log	12		Black/Red (Hybrid) Oak	Low	Variable	Variable
Red Pine		97	Log/Pole	12	57	Red Maple	Medium	Variable	Variable
53	3102 - Grass	None	0.7				OIL WELL SITE. Well plugged 2/7/2007 and approved.		
54	4126 - White, Black, N. Pin Oak	Sawtimber Medium	23.9	103	51-80	N/A	Moderate density oak with mixed deciduos t egen in the understory. More jack pine in the northeast corner.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine		8	Pole	9		White Oak	Medium	Variable	Variable
Black/Red (Hybrid) Oak		15	Log/Pole	14		Black/Red (Hybrid) Oak	Medium	Variable	Variable
White Oak		70	Log/Pole	14	103	Red Maple	Medium	>20 feet	>20 feet
Red Maple		5	Pole/Sapling	5		White Pine	Low	5 - 10 feet	5 - 10 feet
Bigtooth Aspen		2	Pole/Log	9					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
55	4130 - Aspen	Poletimber Well	8.1	27	Unspecified	N/A	Aspen with maple, likely regenerated in 1999		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		5	Pole/Sapling	6		Pin Cherry	Low	Variable	Variable
White Oak		2	Log/Pole	10		Red Maple	High	10 - 20 feet	10 - 20 feet
Bigtooth Aspen		91	Pole/Sapling	5	27				
Red Pine		1	Log	16					
Black/Red (Hybrid) Oak		1	XLog/Log	18					
56	42110 - Planted Red Pine	Sawtimber Well	7.1	97	81-110	N/A	Small red pine stand that has been well managed. The trees are large with excellent growth rates. There is a dense understory of oak and red maple. This stand was harvested in 1999 by removing marked red pine and all jack pine with at least one 100 inch pulpwood stick.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine		100	Log/XLog/Pole	17	97	Black/Red (Hybrid) Oak	Low	>20 feet	>20 feet
						Red Maple	High	Variable	Variable
						White Oak	Trace	>20 feet	>20 feet
						Black/Red (Hybrid) Oak	Medium	Variable	Variable
						Black Cherry	Low	Variable	Variable
						Red Maple	Low	>20 feet	>20 feet
57	4126 - White, Black, N. Pin Oak	Sawtimber Medium	176.7	106	51-80	N/A	This stand was harvested in 1999 by cutting all aspen and red maple which contain at least one 100 inch pulpwood stick and all orange marked trees. Treated Fall/Winter 2016/2017. Pockets of thick red maple regeneration, but there are thick pockets of oak regeneration, too.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Oak		20	Log/Pole	14		Red Maple	High	10 - 20 feet	10 - 20 feet
Black/Red (Hybrid) Oak		54	Log/Pole	15	106	Black/Red (Hybrid) Oak	Medium	Variable	Variable
White Pine		25	Log/Pole	10		White Pine	Low	Variable	Variable
Red Pine		1	Log	14		Witch Hazel	Low	5 - 10 feet	5 - 10 feet
						White Oak	Medium	< 5 feet	< 5 feet
58	790 - Other Bare/Sparsely Vegetated	None	2.2				Producing oil well.		
59	4310 - Pine, Oak Mix	Sawtimber Medium	38.2	75	81-110	N/A	Mixed pine/oak stand after the last harvest. Treated Winter 2017 with a heavy thinning.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Oak		10	Log/Pole	12		White Oak	Medium	< 5 feet	< 5 feet
Black/Red (Hybrid) Oak		40	Log/Pole	13	128	Witch Hazel	Low	5 - 10 feet	5 - 10 feet
White Pine		50	Log/Pole	11	75	White Pine	Medium	Variable	Variable
						Black/Red (Hybrid) Oak	Low	< 5 feet	< 5 feet
60	790 - Other Bare/Sparsely Vegetated	None	0.5				Active oil well.		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
61	42250 - Pine, Oak	Poletimber Medium	11.9	47	51-80	N/A	Cut in 1988 by removing all trees with at least a 100 inch pulp stick consequently the age of the current stand is variable. The majority of the stand is white pine. Some of the smaller oak isn't quite tall enough to be considered part of the canopy. There is some unevenly scattered super canopy oak.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
White Oak		10	Log	14		Black/Red (Hybrid) Oak		Low	Variable	Variable
Black/Red (Hybrid) Oak		5	Log	14		Black Cherry		Low	Variable	Variable
Black/Red (Hybrid) Oak		20	Pole/Sapling	5		White Pine		Medium	Variable	Variable
White Pine		60	Pole/Log/Sap	8	47	White Oak		Medium	10 - 20 feet	10 - 20 feet
Red Pine		5	Pole/Sapling	7						
62	4131 - Aspen, Oak	Poletimber Well	19.3	38		N/A	Cut in 1988 by removing all trees with at least a 100 inch pulp stick. Mix of aspen and oak. There are some remnant log sized pine and oak left from the last harvest.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
White Oak		3	Sapling/Pole	4		Serviceberry (Juneberry)		Low	5 - 10 feet	5 - 10 feet
Quaking Aspen		21	Pole/Sapling	5	38	White Oak		Medium	10 - 20 feet	10 - 20 feet
Bigtooth Aspen		25	Pole	7	38	Pin Cherry		Low	10 - 20 feet	10 - 20 feet
Black/Red (Hybrid) Oak		40	Pole/Sapling	5	38	Black/Red (Hybrid) Oak		Low	10 - 20 feet	10 - 20 feet
Black Cherry		1	Pole/Sapling	5						
Black/Red (Hybrid) Oak		2	Log	12						
Red Maple		5	Sapling/Pole	4						
White Pine		2	Log/XLog	16						
Red Pine		1	Log	14						
63	790 - Other Bare/Sparsely Vegetated	None	1.4					Oil/gas infrastructure		
64	4112 - Maple, Beech, Cherry Association	Sapling Well	13.3	9	Immature	N/A	Cut November/December 2017. Maple dominated regen. Oak is having a tough time getting out of the seedling layer. Heavy deer browse in spots.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Black/Red (Hybrid) Oak		1	Sapling	1		White Oak		Low	< 5 feet	< 5 feet
Bigtooth Aspen		5	Sapling	2	9	Black/Red (Hybrid) Oak		Low	< 5 feet	< 5 feet
Pin Cherry		5	Sapling	1		Witch Hazel		Low	5 - 10 feet	5 - 10 feet
Red Maple		89	Sapling	1	9					
65	790 - Other Bare/Sparsely Vegetated	None	1.4				Producing oil well.			
66	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	27.5	97	111-140	N/A	This is a two-aged upland stand. There is a cohort of oak, aspen, and maple poles and a cohort of super canopy red pine. There are scattered log sized red maple and white oak. The red pine is healthy, most have large crowns. There is a pocket of red pine poles in the southwest part of the stand.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple		20	Pole/Log	8	46	Pin Cherry		Low	Variable	Variable
White Oak		2	Log	12		Red Maple		Low	Variable	Variable
Quaking Aspen		20	Pole/Log	9		Black/Red (Hybrid) Oak		Low	Variable	Variable
Black/Red (Hybrid) Oak		18	Pole/Log/Sap	7	46					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
67	4130 - Aspen	Sapling Well	8.2	9	Unspecified	N/A	Cut fall/winter 2017.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		10	Sapling	1	9	Pin Cherry	Low	5 - 10 feet	5 - 10 feet
Bigtooth Aspen		80	Sapling	1	9	White Oak	Low	< 5 feet	< 5 feet
Quaking Aspen		5	Sapling	1	9	Red Maple	Low	5 - 10 feet	5 - 10 feet
White Oak		5	Log	13		Red Pine	Trace	< 5 feet	< 5 feet
68	790 - Other Bare/Sparsely Vegetated	None	1.0						Active well.
69	4123 - Red Oak	Sawtimber Well	18.5	119	141-170	N/A	Mixed oak stand with a well developed red maple understory. The dominant oak is healthy.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		2	Pole/Log	9		Red Maple	High	>20 feet	>20 feet
White Oak		10	Log/Pole	12		White Pine	Trace	Variable	Variable
Red Oak		88	Log/Pole/XLog	15	119				
70	790 - Other Bare/Sparsely Vegetated	None	1.1						Producing oil well.
71	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	6.0	116	51-80	N/A	Mixed upland oak with pine. There are scattered xlog oak and red pine monarchs. Highly variable stand.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		10	Pole/Sapling	6		Black Cherry	Low	Variable	Variable
Black/Red (Hybrid) Oak		45	XLog/Log/Pole	18	116	White Oak	Low	Variable	Variable
White Pine		5	Pole/Log	8		Red Maple	Low	Variable	Variable
Red Pine		35	Log/Pole/XLog	13		Black/Red (Hybrid) Oak	Low	Variable	Variable
White Oak		5	Log/Pole	10					
72	4125 - Black, N. Pin Oak	Sawtimber Well	7.4	124	111-140	N/A	Oak stand with red maple and red pine. The red maple was harvested approximately 1979 and has since regenerated into well developed cohort that is entering the pole class. The oak canopy is relatively healthy.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		10	Pole/Sap/Log	6	47	Red Maple	Medium	Variable	Variable
White Oak		5	Log/Pole/XLog	12		White Pine	Low	Variable	Variable
Bigtooth Aspen		5	Log/Pole	10					
Black/Red (Hybrid) Oak		75	Log/XLog	16	124				
White Pine		3	XLog/Log	20					
Red Pine		2	Log	16					



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Stand	Level 4 Cover Type	Size	Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
73	4311 - Pine, Aspen Mix	Poletimber Well	15.1	38	1-50	N/A		stand was cut in 1988. The density is variable and there are some open areas in the south part of the stand.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen		34	Pole	6	38	Jack Pine	Low	5 - 10 feet	5 - 10 feet
Black/Red (Hybrid) Oak		5	Sapling/Pole	4		White Pine	Low	Variable	Variable
White Pine		1	Sapling/Pole	4		Red Pine	Low	10 - 20 feet	10 - 20 feet
Red Pine		27	Pole/Sapling	7		Red Maple	Low	10 - 20 feet	10 - 20 feet
Jack Pine		26	Pole	7		Black/Red (Hybrid) Oak	Medium	Variable	Variable
Black Cherry		7	Sapling/Pole	4		Black Cherry	Low	Variable	Variable
						White Oak	Low	Variable	Variable
74	4131 - Aspen, Oak	Sapling Well	74.4	38	N/A			Cut in 1988 by removing all trees with at least a 100 inch pulp stick. The stand is mostly aspen dominated patches or oak dominated patches with some red maple and a couple random pockets of red pine.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		5	Sapling/Pole	4		White Pine	Low	Variable	Variable
White Oak		2	Pole/Sapling	5		Pin Cherry	Low	Variable	Variable
Quaking Aspen		40	Pole	7	38	White Oak	Low	Variable	Variable
Black/Red (Hybrid) Oak		39	Pole/Sapling	5	38	Red Maple	Medium	Variable	Variable
Black Cherry		2	Pole/Sapling	5		Black/Red (Hybrid) Oak	Low	Variable	Variable
Bigtooth Aspen		5	Pole	7					
White Pine		1	Log	14					
Jack Pine		1	Pole	7					
Red Pine		5	Log/Pole	10					
75	790 - Other Bare/Sparsely Vegetated	None	1.4						
76	42110 - Planted Red Pine	Sawtimber Well	7.0	65	81-110	N/A		Small isolated log/pole red pine stand with a few saplings. Thinned last entry. There are lots of small open pockets within stand.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine		99	Log/Pole	10	65	White Oak	Low	Variable	Variable
White Pine		1	Log/Pole	12		Pin Cherry	Low	Variable	Variable
						Black/Red (Hybrid) Oak	High	Variable	Variable
77	4123 - Red Oak	Sawtimber Well	21.9	113	81-110	N/A		Decent quality red oak stand. Harvested in 1997 by cutting all red maple with at least one 100" pulp stick and all orange marked oak. There is dense red maple understory. Thinned Winter 2017.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Oak		90	Log	15	113	Red Maple	Medium	>20 feet	>20 feet
White Oak		10	Log/Pole	12		Black/Red (Hybrid) Oak	Low	< 5 feet	< 5 feet
						White Oak	Low	< 5 feet	< 5 feet
						Red Maple	Full	10 - 20 feet	10 - 20 feet



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																		
78	4199 - Other Mixed Upland Deciduous	Sapling Well	35.1	9	1-50	N/A	Cut November/December 2017. Red maple, oak and aspen, coming up under a residual overstory of oak and pine.																																																		
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Bigtooth Aspen</td><td>3</td><td>Sapling</td><td>1</td><td>9</td></tr><tr><td>White Pine</td><td>7</td><td>Log/XLog/Pole</td><td>14</td><td></td></tr><tr><td>Red Pine</td><td>2</td><td>Log/Pole</td><td>14</td><td></td></tr><tr><td>White Oak</td><td>5</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>25</td><td>Sapling</td><td>1</td><td>9</td></tr><tr><td>Pin Cherry</td><td>5</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Red Maple</td><td>45</td><td>Sapling</td><td>1</td><td>9</td></tr><tr><td>White Oak</td><td>1</td><td>Log</td><td>15</td><td></td></tr><tr><td>Red Oak</td><td>7</td><td>Log/XLog</td><td>16</td><td>113</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	3	Sapling	1	9	White Pine	7	Log/XLog/Pole	14		Red Pine	2	Log/Pole	14		White Oak	5	Sapling	1		Black/Red (Hybrid) Oak	25	Sapling	1	9	Pin Cherry	5	Sapling	1		Red Maple	45	Sapling	1	9	White Oak	1	Log	15		Red Oak	7	Log/XLog	16	113
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79	4125 - Black, N. Pin Oak	Poletimber Well	8.7	56	81-110	N/A	Upland oak stand with a component of red pine. This is a good pine site.																																																		
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black/Red (Hybrid) Oak</td><td>6</td><td>XLog</td><td>20</td><td>113</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>75</td><td>Pole/Log/Sap</td><td>7</td><td>56</td></tr><tr><td>Red Pine</td><td>15</td><td>XLog/Log</td><td>18</td><td></td></tr><tr><td>White Oak</td><td>1</td><td>Pole/Log</td><td>8</td><td></td></tr><tr><td>Red Maple</td><td>3</td><td>Pole/Sapling</td><td>5</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	6	XLog	20	113	Black/Red (Hybrid) Oak	75	Pole/Log/Sap	7	56	Red Pine	15	XLog/Log	18		White Oak	1	Pole/Log	8		Red Maple	3	Pole/Sapling	5																					
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
81	4126 - White, Black, N. Pin Oak	Poletimber Well	7.5	56	81-110	N/A	Mixed oak upland stand, mostly poles and saplings. There is a minor component of large oak and red pine. This is a diverse stand with a lot of coarse woody debris, there is a range of ages for the dominant canopy class. Old grade present.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Red Maple	25	Pole/Sapling	7		Red Maple	Medium		Variable	Variable
White Oak	25	Log/Pole/XLog	11		White Oak	Low		Variable	Variable
Black/Red (Hybrid) Oak	21	XLog/Log	18	113	Black Cherry	Low		Variable	Variable
Black/Red (Hybrid) Oak	25	Pole	7	56	Black/Red (Hybrid) Oak	Medium		Variable	Variable
White Pine	2	XLog/Log/Pole	18						
Red Pine	1	Log	16						
Jack Pine	1	Log/Pole	12						
82	4130 - Aspen	Sapling Well	8.4	9	Unspecified	N/A		Cut November/December 2017.	
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
Black Cherry	1	Sapling	1		Black/Red (Hybrid) Oak	Low	< 5 feet	< 5 feet	
White Pine	1	XLog/Log	20		White Oak	Low	< 5 feet	< 5 feet	
Red Pine	2	XLog/Log	18						
Quaking Aspen	91	Sapling	1	9					
Red Maple	5	Sapling	1	9					
83	6127 - Lowland Pine	Sapling Medium	36.9	48	1-50	N/A	Treed bog, mixed lowland conifer.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
Black Spruce	5	Sapling/Pole	3		Labrador Tea	Low	< 5 feet	< 5 feet	
Tamarack	10	Sapling/Pole	3		Leatherleaf	Full	< 5 feet	< 5 feet	
White Pine	49	Sapling/Pole	4	48					
Red Pine	1	Sapling	3						
Jack Pine	35	Sapling	3						
84	6126 - Lowland Jack Pine	Poletimber Well	31.9	80	81-110	N/A	Lowland jack pine and black spruce.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
Black Spruce	22	Pole/Sapling	6		White Pine	Low	10 - 20 feet	10 - 20 feet	
Tamarack	2	Pole/Sapling	5		Tamarack	Low	Variable	Variable	
White Pine	1	Pole/Sapling	6		Leatherleaf	Full	< 5 feet	< 5 feet	
Jack Pine	75	Pole/Sapling	5	80	Black Spruce	Low	5 - 10 feet	5 - 10 feet	
					Labrador Tea	Low	< 5 feet	< 5 feet	
86	6126 - Lowland Jack Pine	Sapling Poor	12.6	47	Unspecified	N/A	Jack pine and white pine bog.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
Black Spruce	5	Sapling	4		Leatherleaf	Full	< 5 feet	< 5 feet	
White Pine	30	Sapling/Pole	2						
Red Pine	1	Sapling/Pole	4						
Jack Pine	64	Sapling/Pole	3	47					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																														
87	6126 - Lowland Jack Pine	Sapling Well	25.7	60	Unspecified	N/A	Lowland jack pine bog.																																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black Spruce</td><td>14</td><td>Sapling</td><td>3</td><td></td></tr><tr><td>Jack Pine</td><td>85</td><td>Sapling/Pole</td><td>3</td><td>60</td></tr><tr><td>Tamarack</td><td>1</td><td>Sapling/Pole</td><td>3</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	14	Sapling	3		Jack Pine	85	Sapling/Pole	3	60	Tamarack	1	Sapling/Pole	3		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Leatherleaf</td><td>Full</td><td>< 5 feet</td><td>< 5 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Leatherleaf	Full	< 5 feet	< 5 feet																			
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Leatherleaf	Full	< 5 feet	< 5 feet																																																		
88	6122 - Black Spruce	Sapling Well	18.4	106	1-50	N/A	Lowland spruce and tamarack, just into pole sized.																																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black Spruce</td><td>90</td><td>Pole/Sapling</td><td>5</td><td>106</td></tr><tr><td>Tamarack</td><td>10</td><td>Pole/Sapling</td><td>5</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	90	Pole/Sapling	5	106	Tamarack	10	Pole/Sapling	5		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Labrador Tea</td><td>Medium</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Leatherleaf</td><td>High</td><td>< 5 feet</td><td>< 5 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Labrador Tea	Medium	< 5 feet	< 5 feet	Leatherleaf	High	< 5 feet	< 5 feet																				
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89	6121 - Tamarack	Sapling Well	10.0	93	51-80	N/A	Lowland tamarack stand with alder understory.																																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Tamarack</td><td>90</td><td>Sapling/Pole</td><td>4</td><td>93</td></tr><tr><td>Black Spruce</td><td>10</td><td>Sapling/Pole</td><td>4</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Tamarack	90	Sapling/Pole	4	93	Black Spruce	10	Sapling/Pole	4		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Tag Alder</td><td>Full</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Full	5 - 10 feet	5 - 10 feet																								
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90	4130 - Aspen	Poletimber Well	12.6	35	81-110	N/A	Quaking aspen stand that borders lowland, may be seasonally flooded. East end picks up some white pine and tamarack as it transitions to lowland. Habitat cut completed January 1991 by cutting all trees 2 inches or more in diameter.																																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>4</td><td>Sapling/Pole</td><td>4</td><td></td></tr><tr><td>Quaking Aspen</td><td>89</td><td>Pole/Sapling</td><td>6</td><td>35</td></tr><tr><td>White Pine</td><td>3</td><td>Pole</td><td>6</td><td></td></tr><tr><td>Black Cherry</td><td>1</td><td>Pole/Sapling</td><td>5</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>1</td><td>Pole/Sapling</td><td>6</td><td></td></tr><tr><td>Paper Birch</td><td>2</td><td>Pole/Sapling</td><td>5</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	4	Sapling/Pole	4		Quaking Aspen	89	Pole/Sapling	6	35	White Pine	3	Pole	6		Black Cherry	1	Pole/Sapling	5		Black/Red (Hybrid) Oak	1	Pole/Sapling	6		Paper Birch	2	Pole/Sapling	5		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Pin Cherry</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Red Maple</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Pin Cherry	Low	10 - 20 feet	10 - 20 feet	Red Maple	Medium	10 - 20 feet	10 - 20 feet
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91	4130 - Aspen	Sapling Well	6.1	9	Unspecified	N/A	Cut November/December 2017.																																														
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Red Maple	10	Sapling	1	9																																																	
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92	4131 - Aspen, Oak	Sapling Well	69.5	19	Unspecified	N/A	This stand was harvested in the winter of 2007-2008 by cutting all trees that are two inches or more in dbh except birch, white oak and all reserve trees marked with green paint. The current stand is two-aged with a red pine super canopy and mixed oak, cherry, maple and aspen saplings. The jack pine is in the part of the stand that lies east of the road. There is a small amount of white pine super canopy trees.																																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>15</td><td>Sapling</td><td>2</td><td></td></tr><tr><td>White Oak</td><td>3</td><td>Sapling</td><td>2</td><td></td></tr><tr><td>Quaking Aspen</td><td>40</td><td>Sapling</td><td>3</td><td>19</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>20</td><td>Sapling</td><td>2</td><td></td></tr><tr><td>White Pine</td><td>1</td><td>XLog/Log</td><td>19</td><td></td></tr><tr><td>Red Pine</td><td>15</td><td>XLog/Log</td><td>18</td><td>97</td></tr><tr><td>Black Cherry</td><td>3</td><td>Sapling</td><td>2</td><td></td></tr><tr><td>Jack Pine</td><td>3</td><td>Sapling</td><td>3</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	15	Sapling	2		White Oak	3	Sapling	2		Quaking Aspen	40	Sapling	3	19	Black/Red (Hybrid) Oak	20	Sapling	2		White Pine	1	XLog/Log	19		Red Pine	15	XLog/Log	18	97	Black Cherry	3	Sapling	2		Jack Pine	3	Sapling	3							
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																								
93	6127 - Lowland Pine	Sawtimber Well	5.0	137	1-50	N/A																																																																									
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Balsam Fir	5	Pole/Sapling	5																																																																												
94	4199 - Other Mixed Upland Deciduous	Poletimber Well	39.5	55	51-80	N/A	Mixed upland stand. There are two dominant age classes pole and log size hardwoods and log size pine. The stand age is variable along with the species ditribution and density. There are scattered pine monarchs. ATV trail.																																																																								
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95	4130 - Aspen	Sapling Well	5.1	29	Unspecified	N/A	This stand was harvested in 1997 by cutting all trees greater than 2 inches dbh.																																																																								
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96	4126 - White, Black, N. Pin Oak	Sawtimber Well	12.0	117	81-110	N/A	Mixed upland white oak and black oak with red pine and white pine. The red maple understory is full in places.																																																																								
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																										
97	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	109.5	100	1-50	N/A	Two-aged stand with log sized red pine and white pine and a sapling class of quaking aspen, red maple and oak. Harvested in 1997 by cutting all trees which contain one 100 inch pulp stick except did not cut red pine or white pine. ORV trail.																																																										
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Black/Red (Hybrid) Oak	Medium	10 - 20 feet	10 - 20 feet																																																														
98	4125 - Black, N. Pin Oak	Poletimber Well	6.9	18	1-50	N/A	Small oak stand that was harvested in the winter of 2007-2008 by cutting all trees that are two inches or more in dbh except birch, white oak and all reserve trees marked with green paint. Barely to pole size.																																																										
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Oak</td><td>5</td><td>Sapling/Pole</td><td>4</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>85</td><td>Pole/Sapling</td><td>5</td><td>18</td></tr><tr><td>Black Cherry</td><td>5</td><td>Sapling/Pole</td><td>3</td><td></td></tr><tr><td>Red Maple</td><td>5</td><td>Sapling/Pole</td><td>3</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		White Oak	5	Sapling/Pole	4		Black/Red (Hybrid) Oak	85	Pole/Sapling	5	18	Black Cherry	5	Sapling/Pole	3		Red Maple	5	Sapling/Pole	3		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Oak</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>White Pine</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Pin Cherry</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	White Oak	Low	Variable	Variable	Black/Red (Hybrid) Oak	Low	Variable	Variable	White Pine	Low	5 - 10 feet	5 - 10 feet	Pin Cherry	Low	5 - 10 feet	5 - 10 feet														
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99	4131 - Aspen, Oak	Poletimber Well	64.4	38	Unspecified	N/A	Cut during the dormant season late in 1988. Oak and red maple from stump sprouts but mostly single stem.																																																										
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100	4310 - Pine, Oak Mix	Sawtimber Well	9.0	114	111-140	N/A																																																											
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																															
101	4122 - Oak, Pine	Sawtimber Medium	32.1	113	51-80	N/A	Treated with a seed tree/shelterwood January 2017.																																																															
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					Red Maple	High	10 - 20 feet	10 - 20 feet																																																														
102	42121 - Planted Jack Pine, Mixed Deciduous	Poletimber Well	42.4	28	1-50	N/A	This stand was harvested in 1997 by cutting all trees greater than 2 inches dbh. Jack pine seeded 20 pounds May 1998 and planted 20,000 seedlings May 2001. Current canopy is a mix of jack pine oak and cherry. Oak and cherry is single stem and stump sprout.																																																															
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Jack Pine	63	Pole/Sapling	5	28																																																																		
103	4199 - Other Mixed Upland Deciduous	Sapling Poor	3.8	22	Immature	N/A	The stand is of fire origin, a wildfire likely occurred between 2003-2005																																																															
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Pin Cherry</td><td>100</td><td>Sapling</td><td>2</td><td>22</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Pin Cherry	100	Sapling	2	22																																																					
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104	42120 - Planted Jack Pine	Poletimber Well	36.8	39	81-110	N/A	Jack pine plantation. There are a couple random oaks here and there, but nothing equaling 1% of canopy coverage. The stand was harvested in 1987 and planted in 1988.																																																															
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Pine</td><td>1</td><td>Log/XLog/Pole</td><td>16</td><td></td><td>Black/Red (Hybrid) Oak</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Jack Pine</td><td>98</td><td>Pole/Sapling</td><td>7</td><td>39</td><td>White Oak</td><td>Trace</td><td>Variable</td><td>Variable</td></tr><tr><td>Red Pine</td><td>1</td><td>Log/Pole</td><td>10</td><td></td><td>Red Maple</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>Black Cherry</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	White Pine	1	Log/XLog/Pole	16		Black/Red (Hybrid) Oak	Low	Variable	Variable	Jack Pine	98	Pole/Sapling	7	39	White Oak	Trace	Variable	Variable	Red Pine	1	Log/Pole	10		Red Maple	Low	Variable	Variable						Black Cherry	Low	Variable	Variable																		
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105	6225 - Bog	None	1.1			No	Leatherleaf and willow																																																															



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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																								
127	42290 - Natural Mixed Pine	Sawtimber Well	3.4	80	51-80	N/A	Stand surrounding kettle pond.																																								
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128	500 - Water	None	1.1			No	Looks like a grassy water pothole. Seep snow so I can't tell for sure.																																								
129	42110 - Planted Red Pine	Poletimber Poor	4.7	78	51-80	N/A	Cut winter 2011 as a part of Moorestown Pine 71-009-09. Variable BA left. In open areas there is jack pine and Hybrid Oak regen.																																								
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130	42110 - Planted Red Pine	Sawtimber Well	21.9	55	111-140	N/A	Red pine plantation with larger diameter red pine scattered throughout. Plantation rows not clearly evident. Jack pine was harvested around 1998 and the jack pine regen is dense in openings.																																								
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131	3102 - Grass	None	1.7			No																																									
133	42110 - Planted Red Pine	Poletimber Poor	3.4	63	1-50	N/A	Mainly pole sized Red Pine stand with a few scattered large diameter seed tree Red Pine. Seed tree cut fall 2010 as a part of Moorestown Mix 71-038-08. Heavy pine and oak regeneration in open areas.																																								
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Pine</td><td>95</td><td>Pole/Log/XLog</td><td>9</td><td>63</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>5</td><td>Pole/Log</td><td>7</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	95	Pole/Log/XLog	9	63	Black/Red (Hybrid) Oak	5	Pole/Log	7		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Black/Red (Hybrid) Oak</td><td>High</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Pin Cherry</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Jack Pine</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Red Pine</td><td>High</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>White Oak</td><td>Trace</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	High	10 - 20 feet	10 - 20 feet	Pin Cherry	Low	Variable	Variable	Jack Pine	Medium	10 - 20 feet	10 - 20 feet	Red Pine	High	5 - 10 feet	5 - 10 feet	White Oak	Trace	Variable	Variable					
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MICHIGAN

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
135	42290 - Natural Mixed Pine	Poletimber Well	1.6	66	81-110	N/A	Highly variable small stand.																																													
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>40</td><td>Pole</td><td>6</td><td></td></tr><tr><td>White Pine</td><td>40</td><td>Log/Pole/Sap</td><td>13</td><td>66</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>9</td><td>Pole/Log</td><td>8</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>1</td><td>Log</td><td>11</td><td></td></tr><tr><td>Red Pine</td><td>5</td><td>Log</td><td>14</td><td></td></tr><tr><td>White Oak</td><td>5</td><td>Log</td><td>12</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	40	Pole	6		White Pine	40	Log/Pole/Sap	13	66	Black/Red (Hybrid) Oak	9	Pole/Log	8		Bigtooth Aspen	1	Log	11		Red Pine	5	Log	14		White Oak	5	Log	12											
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Bigtooth Aspen	1	Log	11																																																	
Red Pine	5	Log	14																																																	
White Oak	5	Log	12																																																	
139	42290 - Natural Mixed Pine	Sapling Well	22.3	15	1-50	N/A	Cut fall 2010 as a part of Moorestown Mix 71-038-08. 10 to 30 BA of mature Oak/Red Pine/White Pine super canopy with different age classes filling in the sub canopy.																																													
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>1</td><td>XLog/Log</td><td>18</td><td></td></tr><tr><td>Red Pine</td><td>15</td><td>XLog/Log</td><td>18</td><td>100</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>3</td><td>Log</td><td>14</td><td></td></tr><tr><td>Pin Cherry</td><td>10</td><td>Sapling</td><td>1</td><td>16</td></tr><tr><td>Jack Pine</td><td>6</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>15</td><td>Sapling</td><td>1</td><td>16</td></tr><tr><td>Red Pine</td><td>25</td><td>Sapling</td><td>1</td><td>15</td></tr><tr><td>White Pine</td><td>25</td><td>Sapling/Pole</td><td>3</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	White Pine	1	XLog/Log	18		Red Pine	15	XLog/Log	18	100	Black/Red (Hybrid) Oak	3	Log	14		Pin Cherry	10	Sapling	1	16	Jack Pine	6	Sapling	1		Black/Red (Hybrid) Oak	15	Sapling	1	16	Red Pine	25	Sapling	1	15	White Pine	25	Sapling/Pole	3	
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140	42110 - Planted Red Pine	Sawtimber Well	2.2	63	111-140	N/A																																														
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141	42120 - Planted Jack Pine	Poletimber Well	81.3	47	81-110	N/A	Planted 1978 and 1979. Scattered singles and groups of monarch red pine over planted jack pine.																																													
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Pine</td><td>5</td><td>Log/Pole</td><td>12</td><td>80</td></tr><tr><td>Jack Pine</td><td>95</td><td>Pole</td><td>7</td><td>47</td></tr></table> <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Pin Cherry</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>White Pine</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	5	Log/Pole	12	80	Jack Pine	95	Pole	7	47	Sub-Canopy Species	Density	Avg. Height	Size	Pin Cherry	Low	5 - 10 feet	5 - 10 feet	Black/Red (Hybrid) Oak	Low	Variable	Variable	White Pine	Low	Variable	Variable														
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142	42120 - Planted Jack Pine	Sapling Well	54.9	24	Immature	N/A																																														
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																														
143	42110 - Planted Red Pine	Sawtimber Well	15.3	63	111-140	N/A	ORV trail runs through middle of stand. Thick jack pine regeneration in some openings.																																																														
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144	42110 - Planted Red Pine	Sawtimber Well	8.5	63	111-140	N/A																																																															
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145	42120 - Planted Jack Pine	Poletimber Well	61.3	25	Immature	N/A	Planted jack pine 2001. Barely pole sized overall.																																																														
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147	42290 - Natural Mixed Pine	Sawtimber Well	88.3	125	111-140	N/A	Natural Red Pine and White Pine with red maple. The eastern polygon has most of the oak and aspen.																																																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Pine</td><td>55</td><td>Log/Pole/XLog</td><td>15</td><td>125</td></tr><tr><td>White Pine</td><td>20</td><td>XLog/Log</td><td>18</td><td></td></tr><tr><td>Red Maple</td><td>14</td><td>Pole/Log</td><td>8</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>2</td><td>Log/XLog/Pole</td><td>14</td><td></td></tr><tr><td>Jack Pine</td><td>1</td><td>Pole/Log</td><td>8</td><td></td></tr><tr><td>Black Spruce</td><td>4</td><td>Pole/Log</td><td>8</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>1</td><td>Pole/Log</td><td>8</td><td></td></tr><tr><td>Balsam Fir</td><td>3</td><td>Pole</td><td>7</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Pine	55	Log/Pole/XLog	15	125	White Pine	20	XLog/Log	18		Red Maple	14	Pole/Log	8		Black/Red (Hybrid) Oak	2	Log/XLog/Pole	14		Jack Pine	1	Pole/Log	8		Black Spruce	4	Pole/Log	8		Bigtooth Aspen	1	Pole/Log	8		Balsam Fir	3	Pole	7		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Balsam Fir</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>Red Maple</td><td>Medium</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Black Spruce</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>White Pine</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	Variable	Variable	Red Maple	Medium	>20 feet	>20 feet	Black Spruce	Low	Variable	Variable	White Pine	Low	Variable	Variable
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148	42120 - Planted Jack Pine	Poletimber Well	33.6	33	51-80	N/A	Cut winter 1991 and looks like it was seeded fall of 1993. There is a pocket of white pine in NW part of stand.																																																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>95</td><td>Pole/Sapling</td><td>6</td><td>33</td></tr><tr><td>White Pine</td><td>5</td><td>Log/Pole/XLog</td><td>12</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Jack Pine	95	Pole/Sapling	6	33	White Pine	5	Log/Pole/XLog	12		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Black/Red (Hybrid) Oak</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Pin Cherry</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Low	Variable	Variable	Pin Cherry	Low	Variable	Variable																																						
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149	42220 - Natural Jack Pine	Poletimber Well	9.0	57	51-80	N/A	There are pockets of mature white pine in both south and north ends of the stand.																																																														
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150	6229 - Mixed Lowland Shrub	None	5.0			No	Part of Big Creek headwaters. Mostly tag alder with some mixed lowland conifer.																																																														



MICHIGAN

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																														
151	4319 - Mixed Upland Forest	Poletimber Medium	20.5	33	Immature	N/A	Very mixed bag of species, especially depending if in upland or lowland area																																																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black Spruce</td><td>5</td><td>Pole/Sapling</td><td>6</td><td></td></tr><tr><td>Pin Cherry</td><td>5</td><td>Sapling/Pole</td><td>3</td><td></td></tr><tr><td>Tamarack</td><td>15</td><td>Pole</td><td>7</td><td></td></tr><tr><td>Red Maple</td><td>15</td><td>Pole/Sapling</td><td>5</td><td></td></tr><tr><td>White Pine</td><td>10</td><td>Pole</td><td>6</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>1</td><td>Pole</td><td>6</td><td></td></tr><tr><td>Balsam Fir</td><td>15</td><td>Pole</td><td>6</td><td></td></tr><tr><td>Quaking Aspen</td><td>34</td><td>Pole/Sapling</td><td>5</td><td>33</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Black Spruce	5	Pole/Sapling	6		Pin Cherry	5	Sapling/Pole	3		Tamarack	15	Pole	7		Red Maple	15	Pole/Sapling	5		White Pine	10	Pole	6		Black/Red (Hybrid) Oak	1	Pole	6		Balsam Fir	15	Pole	6		Quaking Aspen	34	Pole/Sapling	5	33	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Pin Cherry</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Tag Alder</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Balsam Fir</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>White Pine</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Pin Cherry	Low	5 - 10 feet	5 - 10 feet	Tag Alder	Low	10 - 20 feet	10 - 20 feet	Balsam Fir	Low	Variable	Variable	White Pine	Low	Variable	Variable
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White Pine	Low	Variable	Variable																																																																		
152	6124 - Lowland Spruce-Fir	Poletimber Well	13.2	76	81-110	N/A																																																															
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154	42290 - Natural Mixed Pine	Sawtimber Well	53.3	124	201+	N/A	Mix of natrual red pine, white pine, red maple, and some aspen.																																																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Bigtooth Aspen</td><td>3</td><td>Log/Pole</td><td>12</td><td></td></tr><tr><td>Red Maple</td><td>10</td><td>Log/Pole</td><td>14</td><td></td></tr><tr><td>White Pine</td><td>40</td><td>XLog/Log</td><td>18</td><td></td></tr><tr><td>Red Pine</td><td>47</td><td>Log/XLog/Pole</td><td>16</td><td>124</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	3	Log/Pole	12		Red Maple	10	Log/Pole	14		White Pine	40	XLog/Log	18		Red Pine	47	Log/XLog/Pole	16	124	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Balsam Fir</td><td>High</td><td>Variable</td><td>Variable</td></tr><tr><td>Red Maple</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	Variable	Variable	Red Maple	Low	>20 feet	>20 feet																													
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155	4130 - Aspen	Sawtimber Well	8.0	53	141-170	N/A	Nice bigtooth with some pine and hardwoods.																																																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Hemlock</td><td>1</td><td>Log</td><td>14</td><td></td></tr><tr><td>White Pine</td><td>2</td><td>XLog/Log</td><td>18</td><td></td></tr><tr><td>Red Oak</td><td>2</td><td>Log/Pole</td><td>13</td><td></td></tr><tr><td>Red Maple</td><td>5</td><td>Log/Pole</td><td>13</td><td></td></tr><tr><td>Balsam Fir</td><td>2</td><td>Pole</td><td>6</td><td></td></tr><tr><td>Red Pine</td><td>5</td><td>Log/XLog</td><td>15</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>83</td><td>Log/Pole</td><td>11</td><td>53</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Hemlock	1	Log	14		White Pine	2	XLog/Log	18		Red Oak	2	Log/Pole	13		Red Maple	5	Log/Pole	13		Balsam Fir	2	Pole	6		Red Pine	5	Log/XLog	15		Bigtooth Aspen	83	Log/Pole	11	53	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Balsam Fir</td><td>Medium</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	Variable	Variable																		
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Balsam Fir	Medium	Variable	Variable																																																																		
157	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	63.4	100		N/A	Big Creek Corridor. Added to SCA layer for continuity per the compartment review notes																																																														



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																										
161	42120 - Planted Jack Pine	Poletimber Well	125.7	46	51-80	N/A	Scarification and seeding done 1979/1980. Has pockets of mature red and white pine (1930 origin) scattered within especially im SE part of stand.																																										
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>90</td><td>Pole</td><td>7</td><td>46</td></tr><tr><td>White Pine</td><td>1</td><td>XLog/Log</td><td>18</td><td></td></tr><tr><td>Red Pine</td><td>9</td><td>Log/XLog</td><td>16</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Jack Pine	90	Pole	7	46	White Pine	1	XLog/Log	18		Red Pine	9	Log/XLog	16		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Pine</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Pin Cherry</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	Variable	Variable	Black/Red (Hybrid) Oak	Low	Variable	Variable	Pin Cherry	Low	Variable	Variable									
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164	42110 - Planted Red Pine	Poletimber Well	13.0	48	171-200	N/A																																											
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Sub-Canopy Species	Density	Avg. Height	Size																																														
Pin Cherry	Low	5 - 10 feet	5 - 10 feet																																														
165	4122 - Oak, Pine	Sapling Well	17.9	23	51-80	N/A																																											
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>2</td><td>Sapling/Pole</td><td>4</td><td></td></tr><tr><td>Pin Cherry</td><td>3</td><td>Sapling</td><td>2</td><td></td></tr><tr><td>White Oak</td><td>5</td><td>Pole/Sapling</td><td>6</td><td></td></tr><tr><td>White Pine</td><td>1</td><td>Log/XLog</td><td>16</td><td>95</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>15</td><td>Pole/Log</td><td>8</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>44</td><td>Sapling</td><td>3</td><td>23</td></tr><tr><td>Red Pine</td><td>15</td><td>XLog/Log</td><td>18</td><td>96</td></tr><tr><td>Red Pine</td><td>15</td><td>Sapling</td><td>3</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	2	Sapling/Pole	4		Pin Cherry	3	Sapling	2		White Oak	5	Pole/Sapling	6		White Pine	1	Log/XLog	16	95	Black/Red (Hybrid) Oak	15	Pole/Log	8		Black/Red (Hybrid) Oak	44	Sapling	3	23	Red Pine	15	XLog/Log	18	96	Red Pine	15	Sapling	3			
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166	42140 - Planted Mixed Pine	Poletimber Well	7.5	48	141-170	N/A	Planted mixed jack and red pine.																																										
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167	42120 - Planted Jack Pine	Poletimber Well	98.4	47	81-110	N/A	OPIC - FMD: OI Stand Year Origin was 1979																																										
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																															
172	42290 - Natural Mixed Pine	Sawtimber Well	8.7	116	51-80	N/A	Old Red pine with aspen younger cohort of jack pine.																																																															
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173	6121 - Tamarack	Poletimber Medium	15.9	118	1-50	N/A	Low drainage																																																															
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175	42110 - Planted Red Pine	Poletimber Well	12.0	48	141-170	N/A																																																																
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176	42120 - Planted Jack Pine	Poletimber Well	28.5	47	51-80	N/A	Scarification and seeding done 1979/1980 timeframe. Jack pine with some red pine mixed into some of the rows on the north end.																																																															
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177	6127 - Lowland Pine	Sawtimber Well	19.2	118	111-140	N/A																																																																
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																											
178	429 - Mixed Upland Conifers	Sawtimber Medium	12.6	146	51-80	N/A	Hemlock looks very old and stunted and most is on the south end with some in the north end and a low swale of maple and alder going through the middle. There's a pocket of large, super canopy white pine on the north end.																																											
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>5</td><td>Pole</td><td>6</td><td></td></tr><tr><td>Northern White Cedar</td><td>5</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>Red Maple</td><td>15</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>Hemlock</td><td>50</td><td>Log/Pole</td><td>10</td><td>146</td></tr><tr><td>White Pine</td><td>25</td><td>XLog/Log</td><td>18</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Quaking Aspen	5	Pole	6		Northern White Cedar	5	Log/Pole	10		Red Maple	15	Log/Pole	10		Hemlock	50	Log/Pole	10	146	White Pine	25	XLog/Log	18		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Balsam Fir</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>Red Maple</td><td>High</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Tag Alder</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	Variable	Variable	Red Maple	High	>20 feet	>20 feet	Tag Alder	Low	5 - 10 feet	5 - 10 feet
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180	4133 - Aspen, Mixed Pine	Sapling Well	42.8	14	1-50	N/A	Cut November/December 2012. Diplodia has been identified in the stand, but it seems to be dissipating. There is some scattered mortality in the red oak super-canopy trees. Red pine regeneration developed from the harvest as well as gradual accumulation. Large retention island on the north edge.																																											
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Pine</td><td>15</td><td>Log/XLog</td><td>14</td><td>110</td></tr><tr><td>White Pine</td><td>10</td><td>Log/XLog</td><td>16</td><td></td></tr><tr><td>Red Oak</td><td>2</td><td>Log/XLog</td><td>16</td><td></td></tr><tr><td>Red Maple</td><td>10</td><td>Sapling</td><td>2</td><td>14</td></tr><tr><td>Bigtooth Aspen</td><td>63</td><td>Sapling</td><td>2</td><td>14</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Pine	15	Log/XLog	14	110	White Pine	10	Log/XLog	16		Red Oak	2	Log/XLog	16		Red Maple	10	Sapling	2	14	Bigtooth Aspen	63	Sapling	2	14	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Pine</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Red Pine</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Red Oak</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	< 5 feet	< 5 feet	Red Pine	Low	Variable	Variable	Red Oak	Low	< 5 feet	< 5 feet
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181	4130 - Aspen	Poletimber Well	4.3	35	51-80	N/A																																												
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182	4123 - Red Oak	Sawtimber Well	5.4	93	111-140	N/A																																												
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183	4130 - Aspen	Poletimber Well	10.2	36	51-80	N/A	Cut fall 1990. Balsam fir understory picks up along lowland edges.																																											
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Balsam Fir	Medium	Variable	Variable																																															
White Pine	Low	Variable	Variable																																															
184	629 - Mixed non-forested Wetland	None	17.1			No																																												



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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																															
185	4130 - Aspen	Poletimber Well	15.3	35	51-80	N/A	Cut winter 1991.																																																															
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186	4319 - Mixed Upland Forest	Poletimber Medium	10.1	35	1-50	N/A	OPIC - FMD: Cut winter 1991																																																															
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187	42200 - Natural White Pine	Sawtimber Medium	40.0	116	1-50	N/A	Super canopy pine with aspen/ red maple understory regenerated from cut in winter 1991.																																																															
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					Quaking Aspen	High	>20 feet	>20 feet																																																														
188	110 - Low Intensity Urban	None	0.2			No	This stand needs to have the ownership further evaluated and a survey completed.																																																															
189	110 - Low Intensity Urban	None	0.1			No	This stand needs to have the ownership further evaluated and a survey completed.																																																															
190	110 - Low Intensity Urban	None	0.1			No	This stand needs to have the ownership further evaluated and a survey completed.																																																															
191	110 - Low Intensity Urban	None	0.1			No	This stand needs to have the ownership further evaluated and a survey completed.																																																															
192	110 - Low Intensity Urban	None	0.1			No	This stand needs to have the ownership further evaluated and a survey completed.																																																															
193	110 - Low Intensity Urban	None	0.1			No	This stand needs to have the ownership further evaluated and a survey completed.																																																															
194	110 - Low Intensity Urban	None	0.1			No	This stand needs to have the ownership further evaluated and a survey completed.																																																															



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																															
195	6120 - Lowland Cedar	Sawtimber Well	49.7	116	81-110	N/A	Maple and oak are mostly in the uplands portion of the stand.																																																															
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196	110 - Low Intensity Urban	None	0.1			No	This stand needs to have the ownership further evaluated and a survey completed.																																																															
197	110 - Low Intensity Urban	None	0.1			No	This stand needs to have the ownership further evaluated and a survey completed.																																																															
198	110 - Low Intensity Urban	None	2.7			No	This stand needs to have the ownership further evaluated and a survey completed.																																																															
199	110 - Low Intensity Urban	None	2.7			No	This stand needs to have the ownership further evaluated and a survey completed.																																																															
200	629 - Mixed non-forested Wetland	None	23.5			No	Mostly lowland shrub with some cattails and lowland conifer.																																																															
201	110 - Low Intensity Urban	None	0.1			No	This stand needs to have the ownership further evaluated and a survey completed.																																																															
202	110 - Low Intensity Urban	None	0.1			No	This stand needs to have the ownership further evaluated and a survey completed.																																																															
203	110 - Low Intensity Urban	None	0.1			No	This stand needs to have the ownership further evaluated and a survey completed.																																																															
204	110 - Low Intensity Urban	None	0.2			No	This stand needs to have the ownership further evaluated and a survey completed.																																																															