



Compartment Review Presentation

Roscommon Forest Management Unit

Compartment 71074

Entry Year 2028

Acreage: 3,923

County: Ogemaw

Management Area: High Sand Plains

Stand Examiner: Doug Tyran

Legal Description:

T23N R1E Sec. 3-5 & T24N R1E Sec. 18-20 & 28-34

Identified Planning Goals:

Maintain the State Forest resource in a healthy condition to meet: State Forest Management Plan Objectives, Wildlife Habitat Improvements, & Recreational Use.

Soil and topography:

Upland soils consist primarily of Graycalm and Croswell sands. Lowland soils consist of mostly Roscommon mucky sand and Tawas mucky peat. The topography is relatively flat.

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

There is mostly state land in and around the compartment with some private ownership, primarily hunting camps and some year-round residences off of Berry Trail. There are multiple existing oil and gas sites within this compartment but otherwise no new developments.

Unique Natural Features:

This area includes many pine barren habitat types or could support them. As one could assume, due to this, the Kirtland's Warbler has also been known to be present within the area. It should be noted however that this compartment is not part of the Kirtland's Warbler core management zone. There is possibility Alleghany Plumb in the area, a state special concern plant.

Archeological, Historical, and Cultural Features:

No known concerns, as always it is possible things may come up and should be addressed with the state archaeologist and cross referenced with the state conservation area reviewer.

Special Management Designations or Considerations:

This area is part of the High Sand Plains Management Area.

Watershed and Fisheries Considerations:

This compartment is Northern Lake Huron Fisheries Management Unit. Best management practices should be utilized to buffer any timber harvesting near lowlands or along any creeks if water or wet soils are present.

Wildlife Habitat Considerations:

Treatments in this compartment will maintain age class diversity while creating early successional habitat benefiting deer, grouse, and Kirtland's Warbler. Openings are prescribed to be maintained in this compartment benefiting deer, turkey, grouse, and song birds.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for economic deposits of metallic minerals in this part of the state. No active sand/gravel operations are known to occur within the vicinity, and the potential for sand & gravel development within the compartment may be limited due to the prevalence of wetlands and a shallow water table. Oil & gas production from the Saint Helen and Rose City fields has occurred within close proximity of the compartment, and some adjacent State-owned mineral rights remain under lease and held by production. The fields are very mature and have undergone secondary recovery operations. Potential for further expansion of the fields 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:

Best vehicle access is either from the South off of Berry Trail or from the North off of Turney Ranch Trail. There are various state forest roads off of these roads providing access to a majority of the compartment.

Survey Needs:

A survey will be needed in Section 32.

Recreational Facilities and Opportunities:

A snowmobile trail traverses through approximately one third of this compartment. The area also heavily used for hunting and other recreational pursuits.

Fire Protection:

There is a fair amount of jack pine in this compartment of various age classes making the fire risk moderate. This rating is due to the often incontiguous jack pine stands that are more scattered throughout between deciduous cover types that are much less conducive to fire. If a fire were too there is good access throughout the compartment. Highest start risks are likely from campfires or ORV's along the snowmobile trail.

Additional Compartment Information:

The following reports from the Inventory are attached:

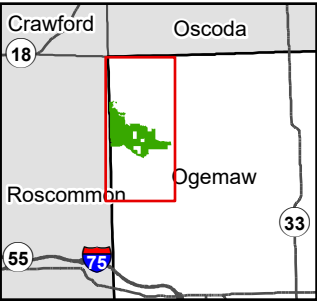
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

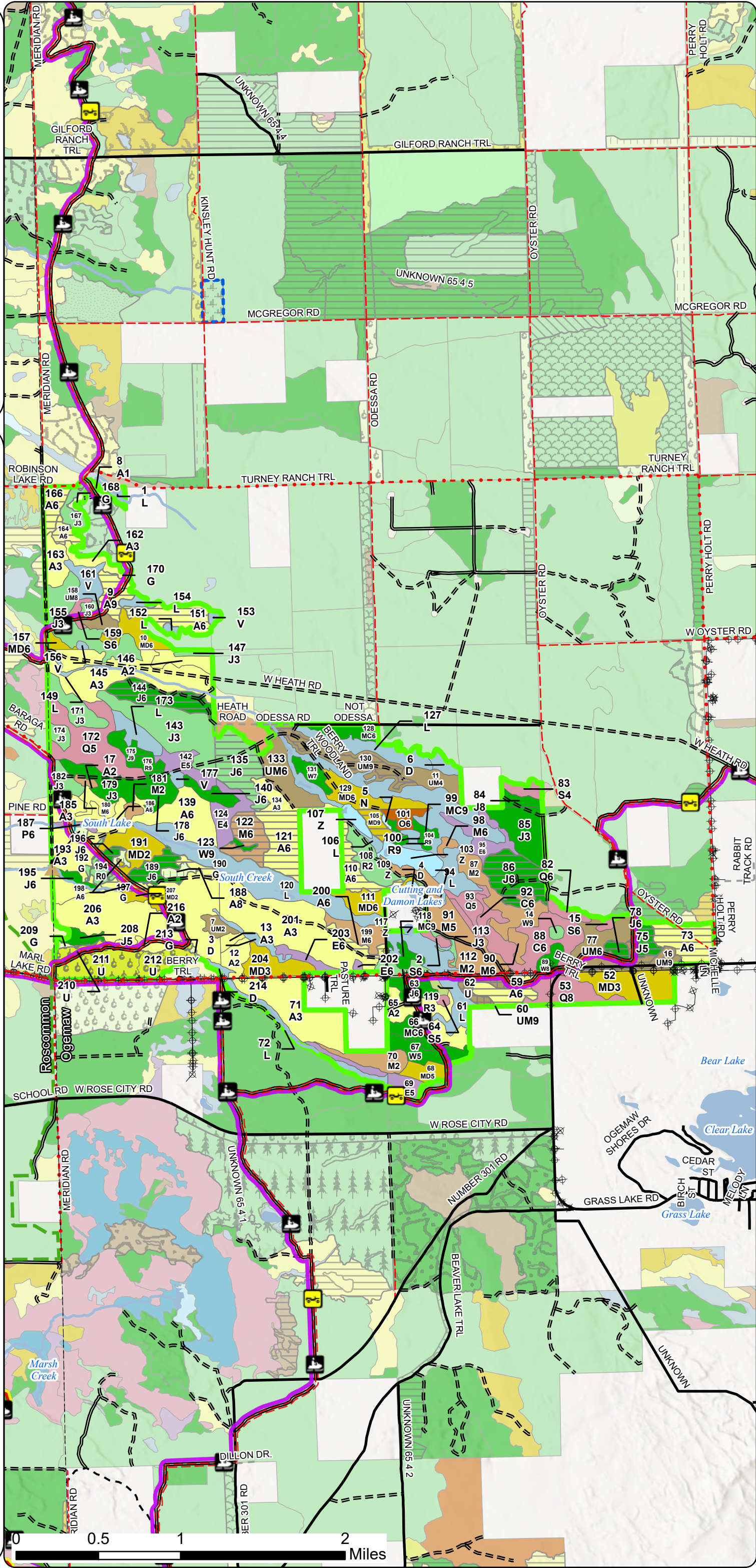
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 71074
T24N, R01E, Sec. 18-20, 28-34
T23N, R01E, Sec. 3-5
County: Ogemaw
Unit: Roscommon
Mgmt. Area: High Sand Plains
YOE: 2028
Acres: 3,922.56 GIS Calculated
Examiner: Doug Tyran
Date Exported: 06/11/2026
Map Phase: Web Post

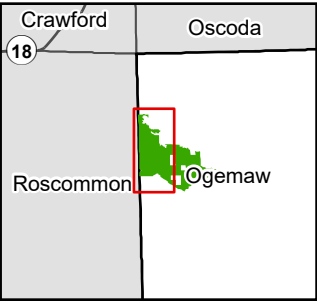


- Culvert
- Berm
- Designated Hiking Pathway
- Designated MCCCT Trails
- Designated ORV Routes
- Designated ATV Trails
- Designated Snowmobile
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Streams
- Lakes and Rivers
- Electric
- Compartment Boundary
- Treatments with Site Conditions
- Clearcut
- Seed Tree
- Thinning
- Prescribed Burn
- Openings Mgmt.
- Monitoring - Regeneration
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 430 - Upland Mixed Forest
- 500 - Water
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 623 - Emergent Wetland

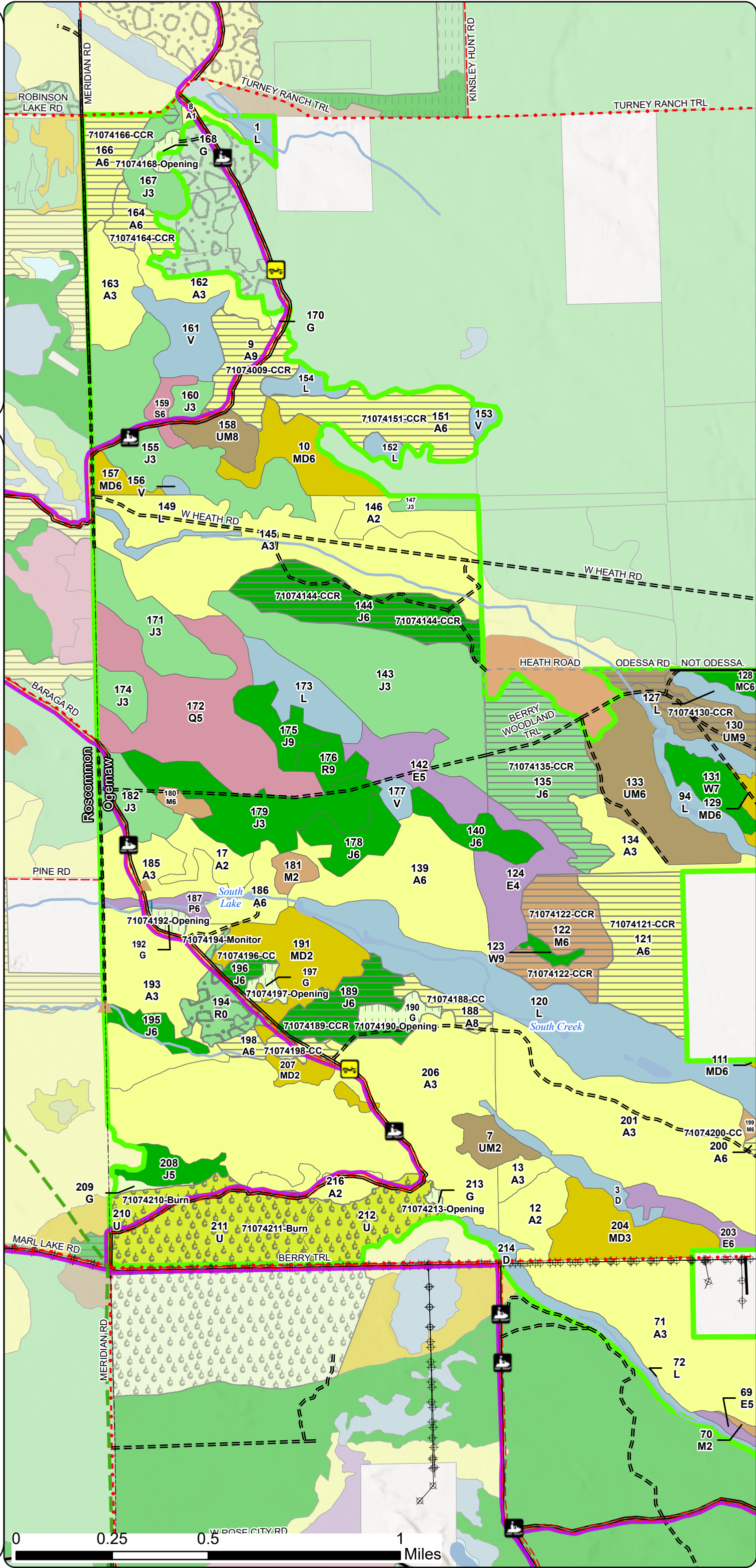


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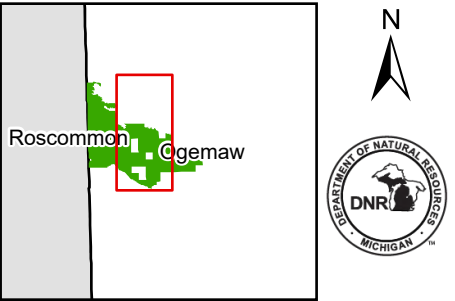


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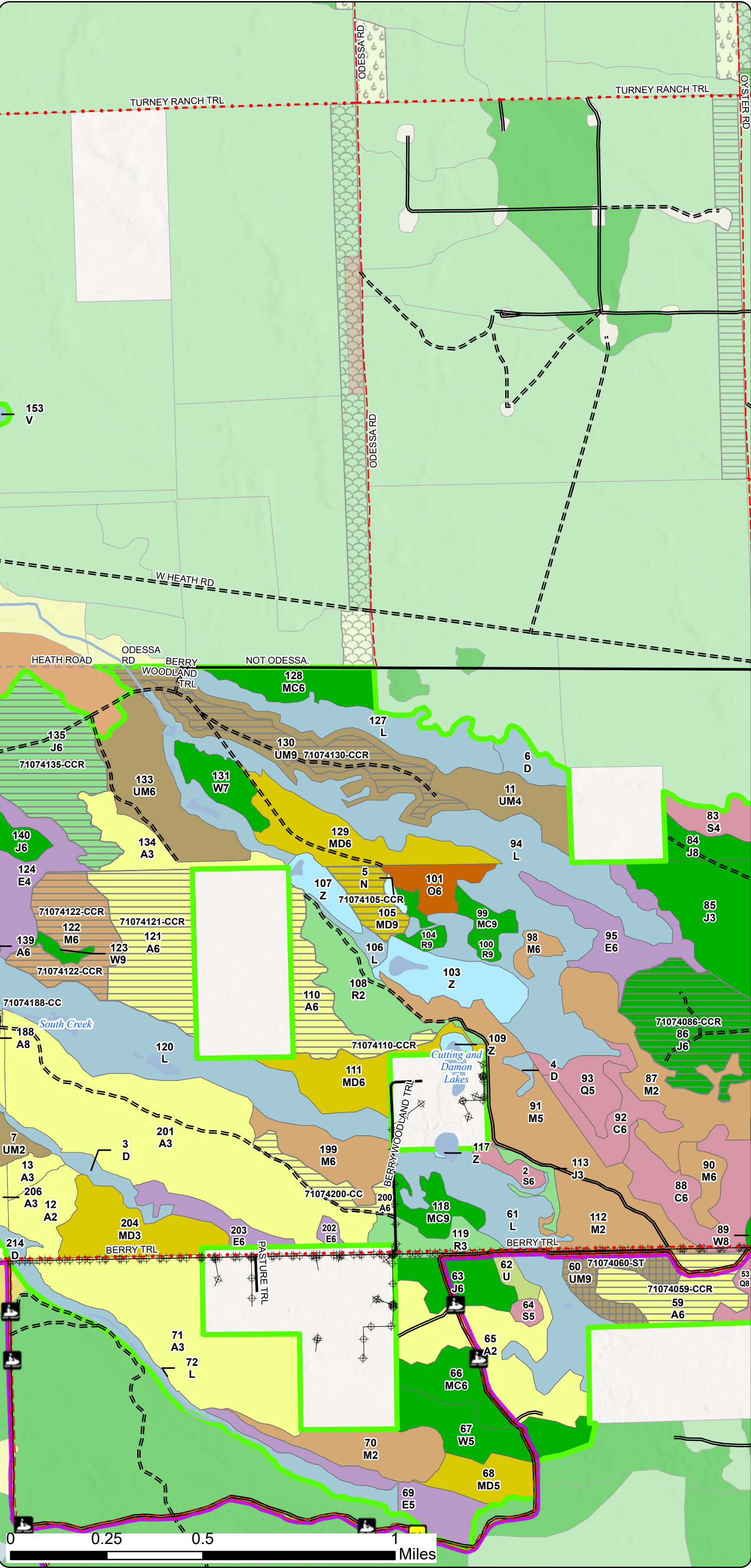


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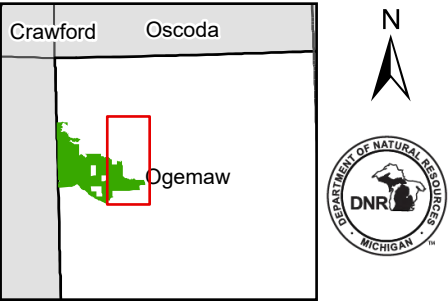


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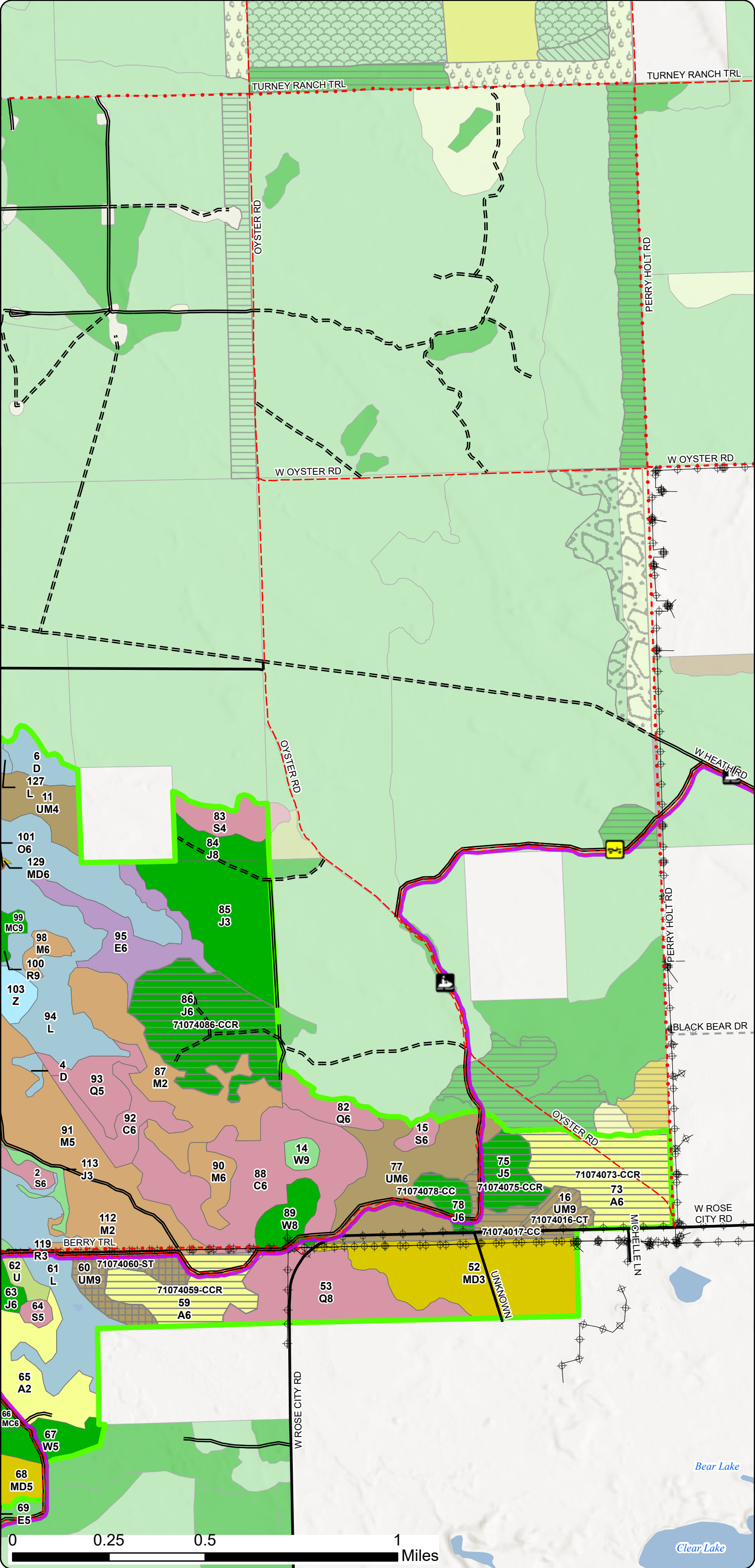


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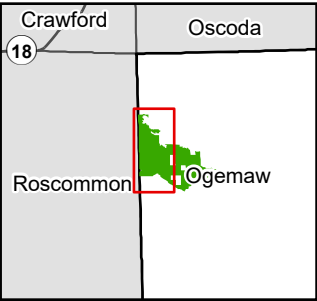


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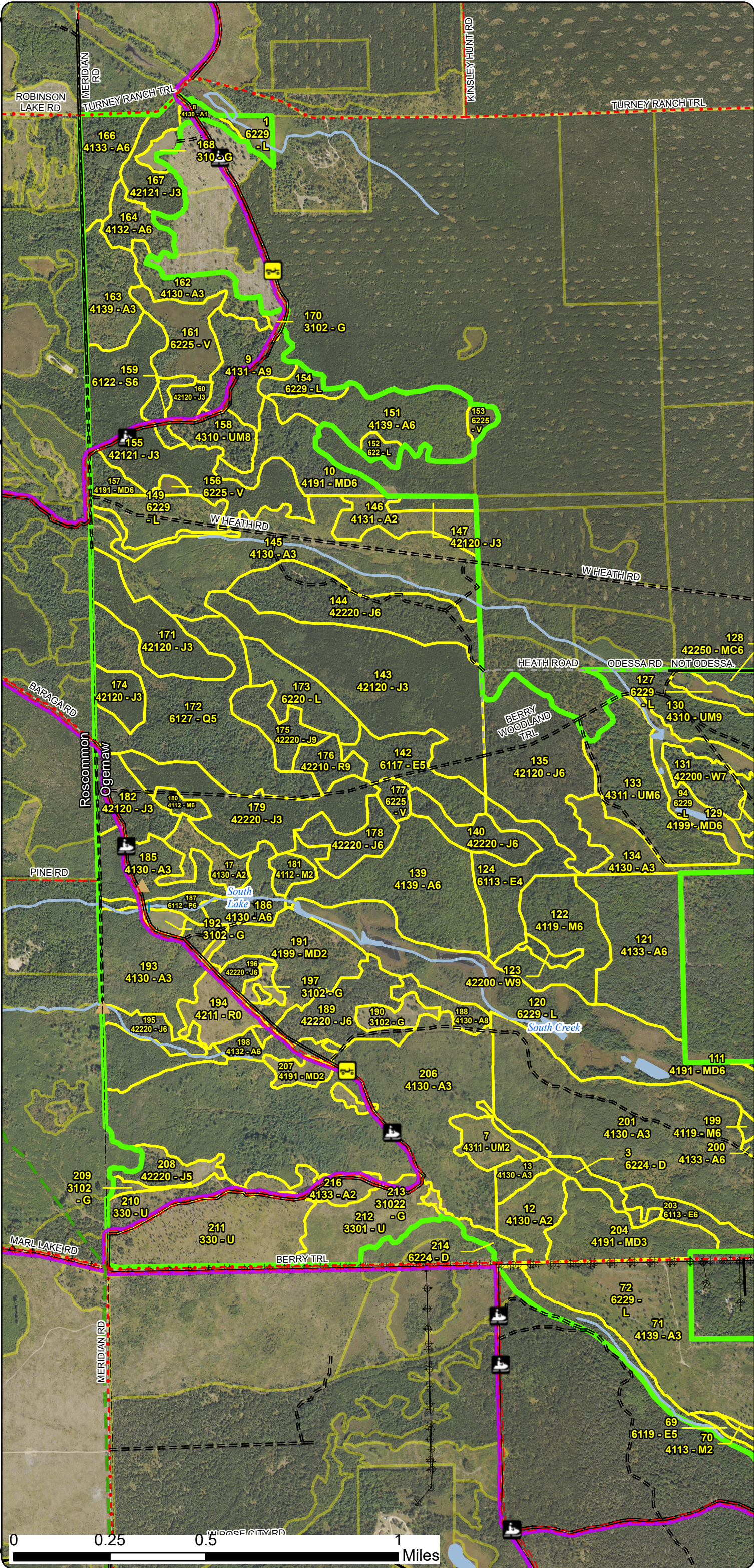


Stand Boundary Map

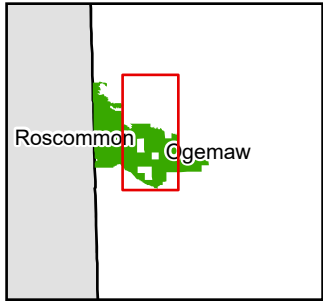
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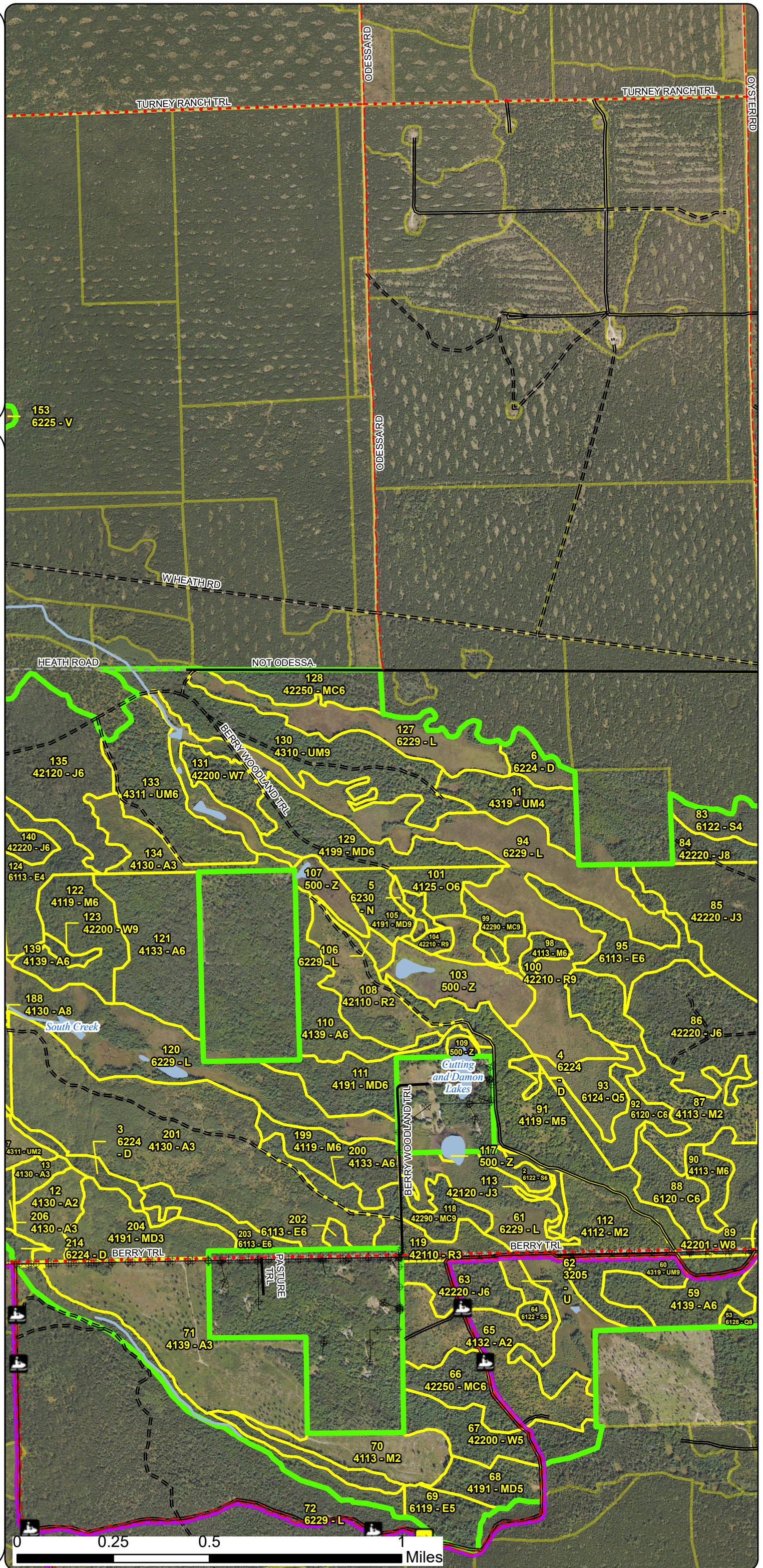
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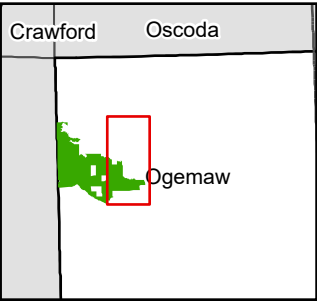


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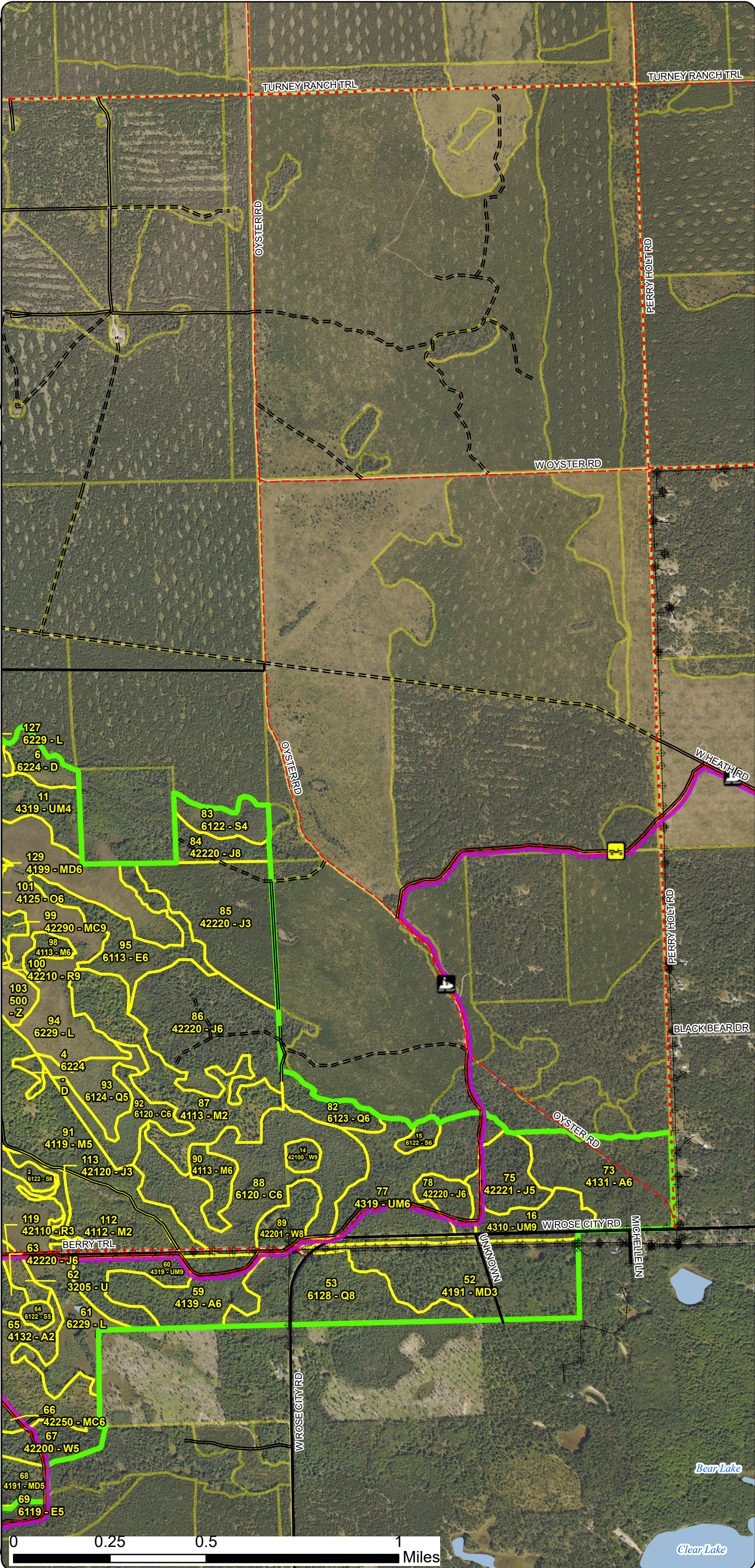


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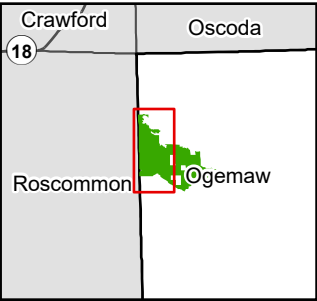


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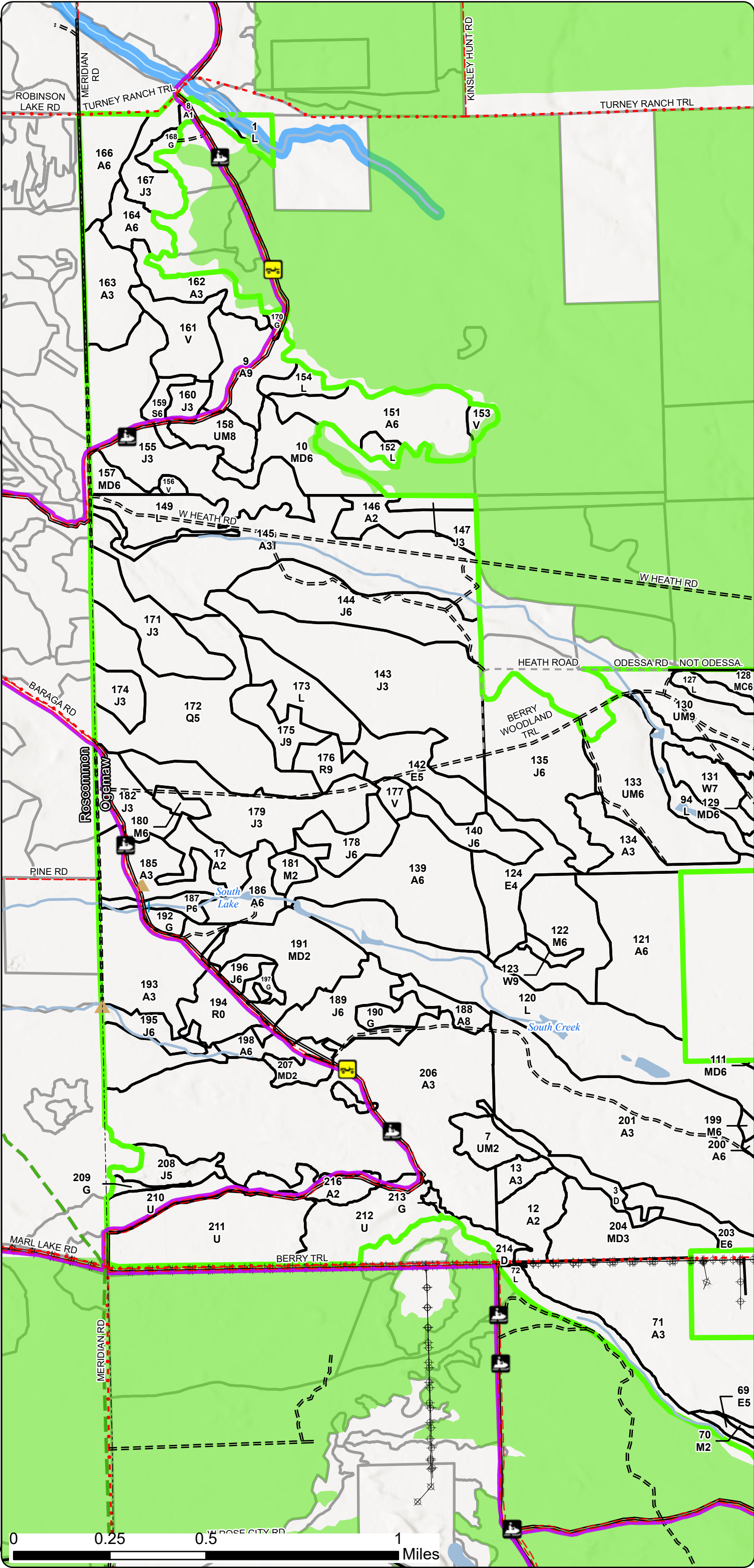


Special Conservation Areas
& Site Conditions Map

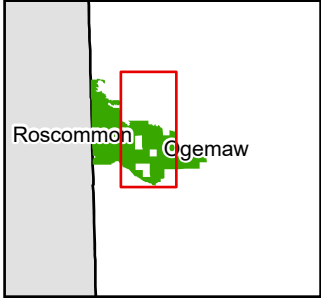
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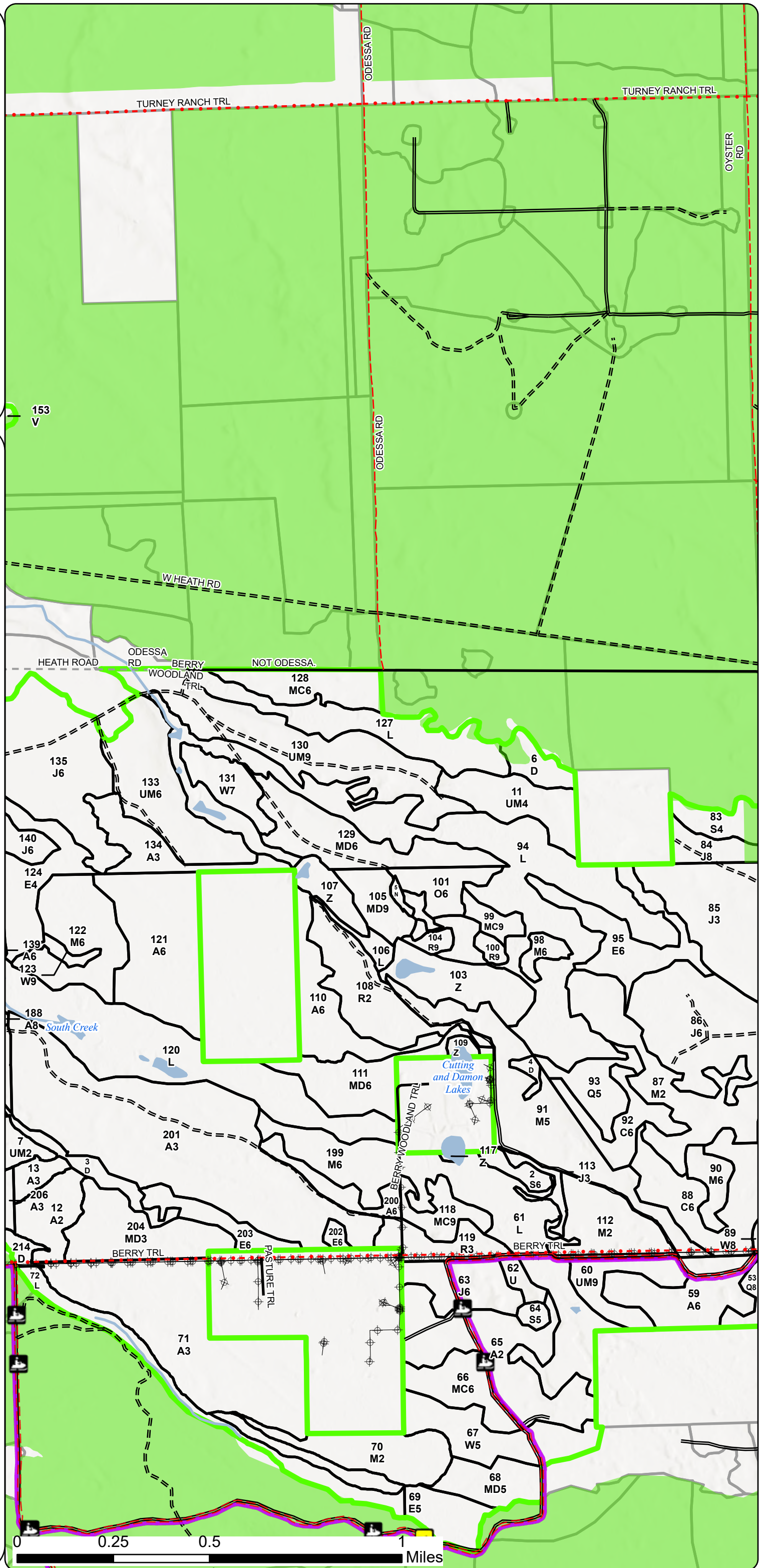
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- Kirtland's Warbler Habitat
- Cold Water Streams
- High Priority Trout Stream Buffer



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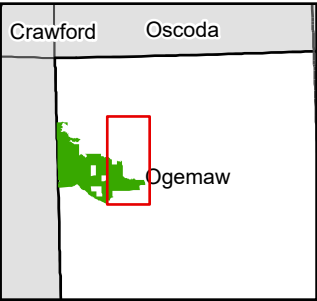


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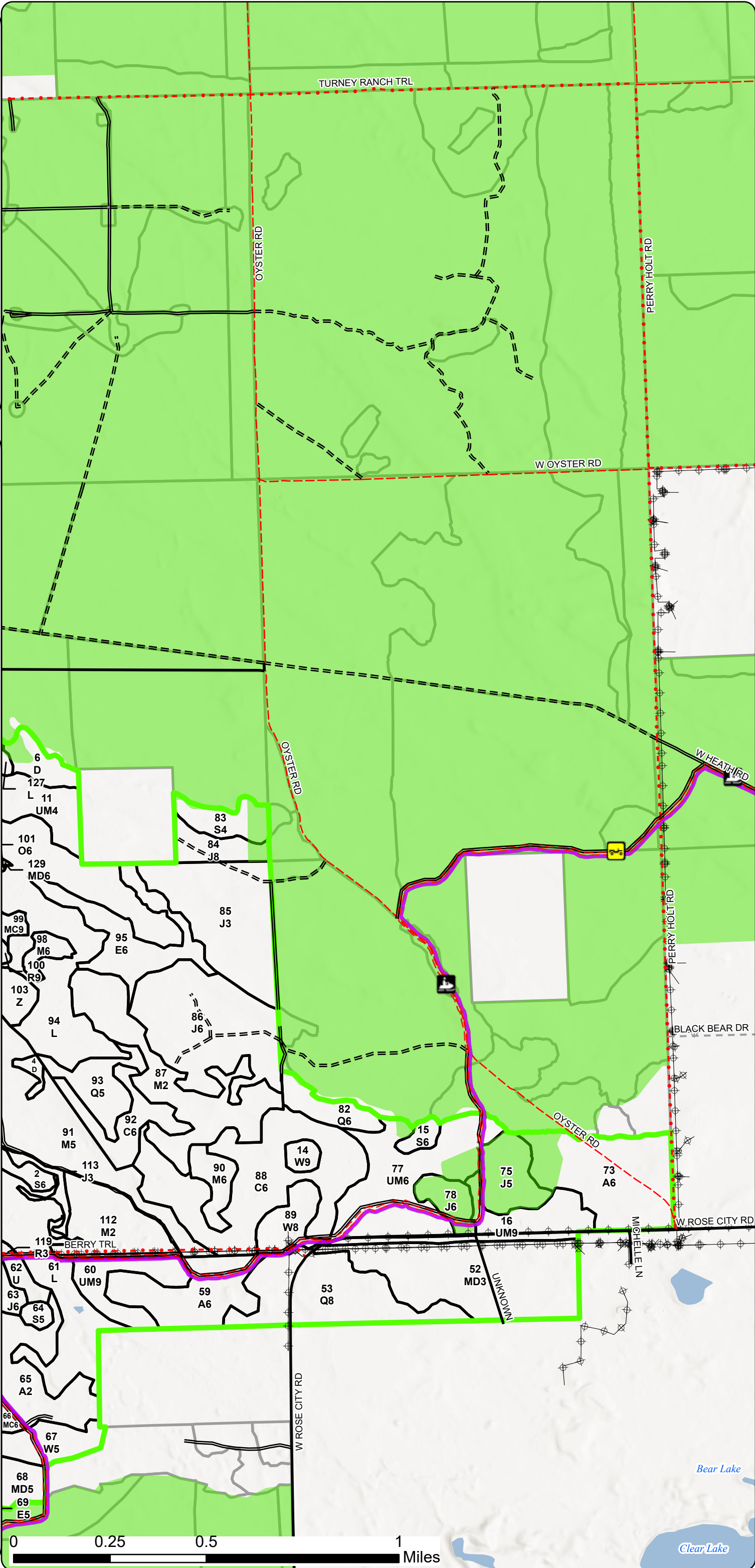


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Report 1 – Total Acres by Cover Type and Age Class



Age Class

	NonForest	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	105	411	301	15	0	236	89	0	27	0	0	0	0	0	0	0	0	1184
Bog	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32
Cedar	0	0	0	0	0	0	0	0	0	0	69	0	18	0	0	0	0	0	87
Herbaceous Openland	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24
Jack Pine	0	0	5	89	272	11	98	101	91	0	0	0	0	0	0	0	0	0	667
Low-Density Trees	97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	97
Lowland Aspen/Balsam Poplar	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	7
Lowland Conifers	0	0	0	0	0	0	0	93	0	0	0	0	17	47	0	0	0	0	157
Lowland Deciduous	0	0	0	0	0	0	0	38	26	60	0	0	0	0	0	0	0	0	124
Lowland Shrub	431	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	430
Lowland Spruce/Fir	0	0	0	0	0	0	0	15	11	0	6	0	0	0	0	0	0	0	31
Marsh	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Mixed Upland Deciduous	0	9	65	73	38	0	0	72	7	0	14	0	0	0	0	0	0	0	277
Natural Mixed Pines	0	0	0	0	20	0	0	0	0	0	28	13	0	0	0	0	0	0	61
Northern Hardwood	0	27	29	0	56	59	0	25	41	5	10	0	0	0	0	0	0	0	252
Oak	0	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	14
Red Pine	17	34	16	0	0	0	0	0	10	0	9	0	0	0	0	0	0	0	86
Treed Bog	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29
Upland Mixed Forest	0	11	45	0	0	0	25	51	66	24	31	0	0	0	0	0	0	0	253
Upland Shrub	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Water	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41
White Pine	0	0	0	0	0	0	0	0	0	15	45	0	3	4	0	0	0	0	67
Total	677	186	571	463	401	70	373	484	259	131	212	13	38	51	0	0	0	0	3926



Report 2 – Treatment Summary

Roscommon Mgt. Unit
Year of Entry: 2028

Acres of Harvest

Compartment 74
Total Compartment Acres: 3,923

Commercial Harvest - 1321
Harvests with Site Condition - 0
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overshoot Removal	Salvage	Other	Total Acres
Aspen	292	0	0	0	0	0	0	0	0	292
Jack Pine	163	0	0	0	0	0	0	0	0	163
Mixed Upland Deciduous	14	0	0	0	0	0	0	0	0	14
Northern Hardwood	36	0	0	0	0	0	0	0	0	36
Upland Mixed Forest	54	0	0	17	0	10	0	0	0	81
Total	559	0	0	17	0	10	0	0	0	586

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	586	0	0	0	97	0	17	0	0	719
Next Step	0	158	0	0	97	0	673	0	0	1033
Total	586	158	0	0	194	0	690	0	0	1752



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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Proposed Treatments:

9	71074009-CCR	26.9	4131 - Aspen, Oak	9	81	111-140	Harvest	Clearcut	413 - Aspen	Planting Record	No
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Prescription Final harvest stand, cut all trees 2" and up, leave 3-10% area retention.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen, Oak, Pine, & Maple that meet minimum stocking requirements.

Regen:

Other Add drumming log spec. & brush pile specs along lowland edgesAdd snowmobile spec.

Comment:

Site Condition:

Proposed Start Date: 10/01/2027

16	71074016-CT	9.5	4310 - Pine, Oak Mix	9	81	111-140	Harvest	Thinning	4310 - Pine, Oak Mix	Planting Record	No
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Prescription Thin to a target residual basal area of 50 Sq. Ft. / Acre. Favor to leave smaller diameter red and white pine to grow into the next product class. Do not cut red maple to reduce chances of a red maple understory.

Specs:

Next Step

Treatments:

Acceptable Not a regeneration harvest.

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/01/2027

16	71074017-CC	14.1	4310 - Pine, Oak Mix	9	81	111-140	Harvest	Clearcut	4310 - Pine, Oak Mix	Planting Record	No
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Prescription Final harvest stand, cut all trees 2" and up, leave 3-10% area retention on the North side of Rose City Rd.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Pine, Oak, Aspen & Maple that meet minimum stocking requirements.

Regen:

Other Add Oak Wilt Spec. Add snowmobile trail spec.

Comment:

Site Condition:

Proposed Start Date: 10/01/2027

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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
59 71074059-CCR	31.4	4139 - Aspen, Mixed Deciduous	6	60	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Final harvest stand, cut all trees 2" and up, leave 2 to 3 1/2 acre retention islands to include oak and red pine for hard mast and diversity. <u>Specs:</u> Protect conifer saplings & any legacy trees. <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen, Oak, Maple & Pine that meet minimum stocking requirements. <u>Regen:</u> <u>Other</u> Add drumming log spec. & brush pile spec along lowland edgesAdd Snowmobile Trial spec. <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2027										
60 71074060-ST	17.4	4319 - Mixed Upland Forest	9	92	81-110	Harvest	Seed Tree	4319 - Mixed Upland Forest	Planting Record	No
<u>Prescription</u> Cut all trees 2" and up, except mark to leave seed trees (Red & White Pine & Oak) to achieve 10-30 sq. ft/ac. No retention due to narrow stand and regeneration concerns. Protect conifer saplings and any legacy trees. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Pine, Oak & Maple that meet minimum stocking requirements. <u>Regen:</u> <u>Other</u> Add snowmobile trail spec.Add oak wilt spec. <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2027										
73 71074073-CCR	48.2	4131 - Aspen, Oak	6	51	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Final harvest stand, cut all trees 2" and up, leave 3-10% area retention. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen, Oak, Pine & Cherry that meet minimum stocking requirements. <u>Regen:</u> <u>Other</u> Add drumming log spec. Add oak wilt spec if cruise shows more than 10 Basal Area of oakPossibly delay due to green up concerns due to sale to the north. Or designate retention along northern boundary to mitigate. <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2027										
75 71074075-CCR	17.4	42221 - Natural Jack Pine, Mixed Deciduous	5	61	81-110	Harvest	Clearcut	4222 - Natural Jack Pine	Planting Record	No
<u>Prescription</u> Final harvest stand, cut all trees 2" and up, leave 3-10% area retention. Require tops to be scattered with no chipping permitted to encourage natural seeding. Protect existing conifer seedlings. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory); SitePrep, Scarification <u>Treatments:</u> <u>Acceptable</u> Pine, Oak, Aspen & Cherry that meet minimum stocking requirements. <u>Regen:</u> <u>Other</u> Scarify site following harvest if it seems beneficial for regeneration. <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 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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78 71074078-CC	9.5	42220 - Natural Jack Pine	6	57	51-80	Harvest	Clearcut	4222 - Natural Jack Pine	Planting Record	No
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Prescription Final harvest stand, cut all trees 2" and up, no retention due to small stand size. Require tops to be scattered with no chipping permitted to encourage natural seeding. Protect existing conifer seedlings.

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

Acceptable Pine, Oak, Maple, Fir & Cherry that meet minimum stocking requirements.
Regen:

Other Scarify site following harvest if it seems beneficial for regeneration.
Comment:

Site Condition:

Proposed Start Date: 10/01/2027

86 71074086-CCR	59.8	42220 - Natural Jack Pine	6	65	51-80	Harvest	Clearcut	4222 - Natural Jack Pine	Planting Record	No
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Prescription Final harvest stand, cut all trees 2" and up, leave 3-10% area retention. Protect white pine saplings. Require tops to be scattered with no chipping permitted to encourage natural seeding.

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

Acceptable Pine, Oak, Cherry, Fir & Aspen that meet minimum stocking requirements.
Regen:

Other Scarify site following harvest if it seems beneficial for regeneration.
Comment:

Site Condition:

Proposed Start Date: 10/01/2027

105 71074105-CCR	13.7	4191 - Mixed Upland Deciduous with Conifer	9	93	81-110	Harvest	Clearcut	4191 - Mixed Upland Deciduous with Conifer	Planting Record	No
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Prescription Final harvest stand, cut all trees 2" and up, leave 3-10% area retention. Protect white pine understory.
Specs:

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

Acceptable Oak, Pine, Aspen & Maple that meet minimum stocking requirements.
Regen:

Other Add oak wilt spec
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
110 71074110-CCR	28.1	4139 - Aspen, Mixed Deciduous	6	60	81-110	Harvest	Clearcut	4133 - Aspen, Mixed Pine	Planting Record	No
<u>Prescription</u> Final harvest stand, cut all trees 2" and up, leave 3-10% area retention. Protect pine understory. Focus retention along the east of stand to mitigate aspen sprout in the pine planation. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen, Pine, Maple & Cherry that meet minimum stocking requirements. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2027										
121 71074121-CCR	54.1	4133 - Aspen, Mixed Pine	6	53	51-80	Harvest	Clearcut	4133 - Aspen, Mixed Pine	Planting Record	No
<u>Prescription</u> Final harvest stand, cut all trees 2" and up, leave 3-10% area retention. Protect pine understory. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen, Pine, Maple & Cherry that meet minimum stocking requirements. <u>Regen:</u> <u>Other</u> Add drumming log spec. & brush pile spec. along lowland edges. <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2027										
122 71074122-CCR	36.3	4119 - Mixed Northern Hardwoods	6	75	81-110	Harvest	Clearcut	4117 - Mixed N. Hardwood - Pine	Planting Record	No
<u>Prescription</u> Final harvest stand, cut all trees 2" and up except do not cut non-merchantable red or white pine. Leave 3-10% area retention along the legacy white pine stand. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Maple, Pine, Aspen, & Oak that meet minimum stocking requirements. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2027										
130 71074130-CCR	39.8	4310 - Pine, Oak Mix	9	75	81-110	Harvest	Clearcut	4319 - Mixed Upland Forest	Planting Record	No
<u>Prescription</u> Final harvest stand, cut all trees 2" and up, leave 3-10% area retention within the BMP buffers along the wet edges. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Pine, Oak, Maple, Aspen & Cherry that meet minimum stocking requirements. <u>Regen:</u> <u>Other</u> Acreage may be significantly more/less than originally prescribed due to BMP/wetland buffer. An approximate buffer has already been built in the original treatment shape. Add oak wilt spec for stand if cruise shows more than 10 Basal Area of oak, consi <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 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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135 71074135-CCR	59.8	42120 - Planted Jack Pine	6	72	111-140	Harvest	Clearcut	4222 - Natural Jack Pine	Planting Record	No
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Prescription Specs: Final harvest stand, cut all trees 2" and up, leave 3-10% area retention. Require tops to be scattered with no chipping permitted to encourage natural seeding.

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

Acceptable Regen: Pine, Oak & Cherry that meet minimum stocking requirements.

Other Comment: Add Oak Wilt Spec. Scarify site following harvest if it seems beneficial for regeneration.

Site Condition:

Proposed Start Date: 10/01/2027

144 71074144-CCR	45.9	42220 - Natural Jack Pine	6	52	81-110	Harvest	Clearcut	4222 - Natural Jack Pine	Planting Record	No
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Prescription Specs: Final harvest stand, cut all trees 2" and up, leave 3-10% area retention. Require tops to be scattered with no chipping permitted to encourage natural seeding.

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

Acceptable Regen: Pine, Oak, Aspen & Cherry that meet minimum stocking requirements.

Other Comment: Add oak wilt spec. Scarify site following harvest if it seems beneficial for regeneration.

Site Condition:

Proposed Start Date: 10/01/2027

151 71074151-CCR	39.7	4139 - Aspen, Mixed Deciduous	6	55	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No
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Prescription Specs: Final harvest stand, cut all trees 2" and up, except do not cut white pine, leave 3-5 1/2 acre retention islands to include oak with the intent to help absorb water following harvest.

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

Acceptable Regen: Aspen, Oak, Maple, Cherry & Pine that meet minimum stocking requirements.

Other Comment: Add drumming log spec. and brush pile spec along lowland edges. Acreage may be significantly more/less than originally prescribed due buffering lowland edges or opportunistically harvesting mature trees from the stand to the south southwest.

Site Condition:

Proposed Start Date: 10/01/2027

164 71074164-CCR	12.3	4132 - Aspen, Jack Pine	6	53	51-80	Harvest	Clearcut	413 - Aspen	Planting Record	No
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Prescription Specs: Final harvest stand, cut all trees 2" and up, leave 3-10% area retention.

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

Acceptable Regen: Aspen, Oak, Pine & Cherry that meet minimum stocking requirements.

Other Comment: Add drumming log spec.

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
166	71074166-CCR	21.8	4133 - Aspen, Mixed Pine	6	53	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Final harvest stand, cut all trees 2" and up, leave 2 to 3 1/2 acre retention islands to include oak and red pine for hard mast and diversity. <u>Specs:</u> Protect conifer saplings. <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen, Oak, Pine, & Maple that meet minimum stocking requirements. <u>Regen:</u> <u>Other</u> Add drumming log spec. A small pocket from the J3 stand to the east has been added to this treatment to opportunistically harvest some <u>Comment:</u> aspen. <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2027											
168	71074168-Opening	3.5	310 - Herbaceous Openland	99			Openings Mgmt.	Openings Mgmt.	31021 - Cool Season Grass	Previous Inventory	No
<u>Prescription</u> Opening Maintenance as specified by WD <u>Specs:</u> <u>Next Step</u> Openings Mgmt., Mowing; Openings Mgmt., Grass/Forb Planting; Openings Mgmt., Disking/Plowing; Openings Mgmt., Brush Mgmt.; <u>Treatments:</u> Openings Mgmt., Herbicide; Openings Mgmt., Other - Specify <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2027											
188	71074188-CC	8.4	4130 - Aspen	8	60	51-80	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Final harvest stand, cut all trees 2" and up, no retention due to small stand size. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen, Oak, Cherry & Pine that meet minimum stocking required. <u>Regen:</u> <u>Other</u> Buffer lowland per BMP guidance. Add drumming log spec. & brush pile spec along lowland edges. Do not allow producers to deck wood or <u>Comment:</u> haul through wildlife openings. <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2027											
189	71074189-CCR	25.6	42220 - Natural Jack Pine	6	55	81-110	Harvest	Clearcut	4222 - Natural Jack Pine	Planting Record	No
<u>Prescription</u> Final harvest stand, cut all trees 2" and up, leave 3-10% area retention. Require tops to be scattered with no chipping permitted to encourage <u>Specs:</u> natural seeding. <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory); SitePrep, Scarification <u>Treatments:</u> <u>Acceptable</u> Jack Pine, Oak, Aspen & Cherry that meet minimum stocking requirements. <u>Regen:</u> <u>Other</u> Add snowmobile trail spec Do not allow producers to deck wood or haul through wildlife openings. Scarify site following harvest if it seems <u>Comment:</u> beneficial for regeneration. <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
190	71074190-Opening	7.3	3102 - Grass	99			Openings Mgmt.	Openings Mgmt.	3102 - Grass	Previous Inventory	No
<u>Prescription</u> Maintain per WLD direction <u>Specs:</u> <u>Next Step</u> Openings Mgmt., Mowing; Openings Mgmt., Grass/Forb Planting; Openings Mgmt., Disking/Plowing; Openings Mgmt., Brush Mgmt. <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											
192	71074192-Opening	3.7	3102 - Grass	99			Openings Mgmt.	Openings Mgmt.	3102 - Grass	Previous Inventory	No
<u>Prescription</u> openings management, mowing, brushing, planting grasses, disking. <u>Specs:</u> <u>Next Step</u> Openings Mgmt., Mowing; Openings Mgmt., Grass/Forb Planting; Openings Mgmt., Disking/Plowing; Openings Mgmt., Brush Mgmt.; <u>Treatments:</u> Openings Mgmt., Herbicide; Openings Mgmt., Other - Specify <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2027											
196	71074196-CC	4.7	42220 - Natural Jack Pine	6	55	51-80	Harvest	Clearcut	4222 - Natural Jack Pine	Planting Record	No
<u>Prescription</u> Final harvest stand, cut all trees 2" and up, no retention due to small stand size. Protect oak regeneration. Require tops to be scattered with <u>Specs:</u> no chipping permitted to encourage natural seeding. <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Jake Pine, Oak & Cherry that meet minimum stocking requirements. <u>Regen:</u> <u>Other</u> Add snowmobile trail spec. Do not allow producers to deck wood or haul through wildlife openings. <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2027											
197	71074197-Opening	3.9	3102 - Grass	99			Openings Mgmt.	Openings Mgmt.	3102 - Grass	Previous Inventory	No
<u>Prescription</u> Maintain per WLD direction. <u>Specs:</u> <u>Next Step</u> Openings Mgmt., Mowing; Openings Mgmt., Grass/Forb Planting; Openings Mgmt., Disking/Plowing; Openings Mgmt., Brush Mgmt.; <u>Treatments:</u> Openings Mgmt., Herbicide; Openings Mgmt., Other - Specify <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 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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198 71074198-CC	9.9	4132 - Aspen, Jack Pine	6	60	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No
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Prescription Final harvest stand, cut all trees 2" and up, no retention due to small stand size.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen, Oak, Pine & Cherry that meet minimum stocking requirements.

Regen:

Other Add drumming log spec

Comment:

Site Condition:

Proposed Start Date: 10/01/2027

200 71074200-CC	11.4	4133 - Aspen, Mixed Pine	6	60	51-80	Harvest	Clearcut	413 - Aspen	Planting Record	No
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Prescription Final harvest stand, cut all trees 2" and up. No retention due to small stand size.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen, Oak & Pine that meet minimum stocking requirements.

Regen:

Other Add drumming log spec.

Comment:

Site Condition:

Proposed Start Date: 10/01/2027

210 71074210-Burn	13.6	330 - Low-Density Trees	99			Burn	Prescribed Burn	4222 - Natural Jack Pine	Planting Record	No
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Prescription Controlled burn to create a jack pine barrens.

Specs:

Next Step Burn, Other - Specify; Monitoring, Prescribed Burn

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/01/2027

211 71074211-Burn	83.3	330 - Low-Density Trees	99			Burn	Prescribed Burn	42210 - Natural Red Pine	Planting Record	No
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Prescription Control burn to maintain a red pine barrens.

Specs:

Next Step Burn, Prescribed Fire; Monitoring, Prescribed Burn

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
213 71074213-Opening	1.4	31022 - Warm Season Grass	99			Openings Mgmt.	Openings Mgmt.	310 - Herbaceous Openland	Previous Inventory	No
<u>Prescription</u> Maintain per WLD direction <u>Specs:</u> <u>Next Step</u> Openings Mgmt., Mowing; Openings Mgmt., Grass/Forb Planting; Openings Mgmt., Disking/Plowing; Openings Mgmt., Brush Mgmt.; <u>Treatments:</u> Openings Mgmt., Herbicide; Openings Mgmt., Other - Specify <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2027										

Approved Treatments:

194 71074194-Monitor	16.5	4211 - Planted Red Pine	0	9	Immature	Monitoring	Monitoring - Regeneration	4211 - Planted Red Pine		No
<u>Prescription</u> Year 3 regen check after re-plant. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> red pine 80% ftg <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 01/01/2026										

Total Treatment 778.9
Acreage Proposed:



Availability for Management

Total Acres	Acres Available	Acres Available With Condition	Acres Not Available	Dominant Site Conditions				
					5C	2G	3A	5E
1162	1160	0	3	Aspen				3
32	32	0	0	Bog				
83	0	0	83	Cedar		83		
24	24	0	0	Herbaceous Openland				
666	655	11	0	Jack Pine	11			
97	97	0	0	Low-Density Trees				
7	0	0	7	Lowland Aspen/Balsam Poplar		7		
156	12	0	145	Lowland Conifers		145		
109	2	0	107	Lowland Deciduous		105		1
430	431	0	0	Lowland Shrub				
31	4	0	27	Lowland Spruce/Fir		27		
2	2	0	0	Marsh				
275	275	0	0	Mixed Upland Deciduous				
61	48	13	0	Natural Mixed Pines	13			
252	252	0	0	Northern Hardwood				
14	14	0	0	Oak				
86	86	0	0	Red Pine				
29	29	0	0	Treed Bog				
241	240	0	1	Upland Mixed Forest				1
4	4	0	0	Upland Shrub				
41	41	0	0	Water				
67	64	0	3	White Pine			3	
3,868	3,470	24	374	Total Forested Acres	24	366	3	5
	90%	1%	10%	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



2	Unavailable	5E: Long-Term Retention	0	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	5E: Long-Term Retention	4	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	27	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Approximate buffer for adjacent drainage. This is not set in stone and is expected to change on the ground during timber sale preparation activities.							

Report 4 – Site Conditions



9	Unavailable	5E: Long-Term Retention	1	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	18	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	100	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions



17	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
18	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	30	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
19	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	54	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
21	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
24	Unavailable	3A: Conservation values incompatible with harvest at this time	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions



26	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
27	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
29	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
30	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
31	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
32	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	47	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions



33	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	81	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
36	Unavailable	5E: Long-Term Retention	1	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



MICHIGAN

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																															
1	6229 - Mixed Lowland Shrub	None	5.9			No																																																																
2	6122 - Black Spruce	Poletimber Well	5.5	90	51-80	N/A	Slow growing black spruce. Rings difficult to count.																																																															
<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>Black Spruce</td><td>90</td><td>Pole</td><td>6</td><td>90</td><td>Tag Alder</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Tamarack</td><td>10</td><td>Pole</td><td>5</td><td></td><td>Black Spruce</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	90	Pole	6	90	Tag Alder	Medium	5 - 10 feet	5 - 10 feet	Tamarack	10	Pole	5		Black Spruce	Low	< 5 feet	< 5 feet																																				
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Tamarack	10	Pole	5		Black Spruce	Low	< 5 feet	< 5 feet																																																														
3	6224 - Treed Bog	None	11.2			No																																																																
4	6224 - Treed Bog	None	2.5			No																																																																
5	6230 - Cattail	None	1.5			No																																																																
6	6224 - Treed Bog	None	10.0			No																																																																
7	4311 - Pine, Aspen Mix	Sapling Medium	11.2	6	Immature	N/A	Cut 2020 as a part of Tacoma Mix. Jack Pine regeneration coming in nice																																																															
<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>Quaking Aspen</td><td>30</td><td>Sapling</td><td>1</td><td>6</td><td>Sweet Fern</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Pin Cherry</td><td>20</td><td>Sapling</td><td>1</td><td>6</td><td>Bracken Fern</td><td>High</td><td>Not Applicable</td><td>Not Applicable</td></tr><tr><td>Jack Pine</td><td>50</td><td>Sapling</td><td>1</td><td>6</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	Quaking Aspen	30	Sapling	1	6	Sweet Fern	Medium	5 - 10 feet	5 - 10 feet	Pin Cherry	20	Sapling	1	6	Bracken Fern	High	Not Applicable	Not Applicable	Jack Pine	50	Sapling	1	6																															
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Jack Pine	50	Sapling	1	6																																																																		
8	4130 - Aspen	Sapling Poor	3.6	10	Unspecified	N/A	Cut March/April 2016, left oak and R/W pine																																																															
<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>75</td><td>Sapling</td><td>1</td><td>10</td></tr><tr><td>White Pine</td><td>1</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>Red Pine</td><td>1</td><td>Log</td><td>11</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>1</td><td>Pole/Log</td><td>9</td><td></td></tr><tr><td>Jack Pine</td><td>17</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>5</td><td>Sapling</td><td>1</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	75	Sapling	1	10	White Pine	1	Log/Pole	10		Red Pine	1	Log	11		Black/Red (Hybrid) Oak	1	Pole/Log	9		Jack Pine	17	Sapling	1		Black/Red (Hybrid) Oak	5	Sapling	1																													
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Black/Red (Hybrid) Oak	5	Sapling	1																																																																			
9	4131 - Aspen, Oak	Sawtimber Well	26.9	81	111-140	N/A																																																																
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																				
10	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	26.0	62	81-110	N/A	Mixed variable stand. Some areas fairly nice while others immature. Legacy trees are present. Previously part of the aspen stand to the northwest but was split out to better match what is on the ground.																																																				
<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>30</td><td>Pole/Sapling</td><td>7</td><td>62</td></tr><tr><td>Red Maple</td><td>32</td><td>Pole/Sapling</td><td>7</td><td>62</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>14</td><td>Pole</td><td>8</td><td></td></tr><tr><td>White Pine</td><td>3</td><td>XLog/Log</td><td>20</td><td></td></tr><tr><td>Red Pine</td><td>3</td><td>XLog/Log</td><td>18</td><td></td></tr><tr><td>Jack Pine</td><td>15</td><td>Pole</td><td>7</td><td></td></tr><tr><td>Paper Birch</td><td>3</td><td>Pole</td><td>6</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	30	Pole/Sapling	7	62	Red Maple	32	Pole/Sapling	7	62	Black/Red (Hybrid) Oak	14	Pole	8		White Pine	3	XLog/Log	20		Red Pine	3	XLog/Log	18		Jack Pine	15	Pole	7		Paper Birch	3	Pole	6		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>White Pine</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>Hawthorn (spp.)</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	Variable	Variable	White Pine	Medium	Variable	Variable	Hawthorn (spp.)	Low	5 - 10 feet	5 - 10 feet
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11	4319 - Mixed Upland Forest	Poletimber Poor	25.2	50	1-50	N/A	Alot lower density and smaller size than the stand to the west, also has several small lowland areas. All merchantable trees cut in 1988 except for all oak was left.																																																				
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12	4130 - Aspen	Sapling Medium	18.2	10	Immature	N/A	Previously part of the adjacent stands to the east and west, but a wildfire occurred steering this portion to Aspen.																																																				
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Quaking Aspen	70	Sapling	1	10																																																							
13	4130 - Aspen	Sapling Well	6.3	21	Immature	N/A	Oak regen failure that was supplemental planted to red pine. Aspen stand?																																																				
<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>87</td><td>Sapling</td><td>2</td><td>21</td></tr><tr><td>Black Cherry</td><td>5</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Jack Pine</td><td>8</td><td>Sapling</td><td>2</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	87	Sapling	2	21	Black Cherry	5	Sapling	1		Jack Pine	8	Sapling	2		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Bracken Fern</td><td>High</td><td>Not Applicable</td><td>Not Applicable</td></tr><tr><td>Wintergreen</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Bracken Fern	High	Not Applicable	Not Applicable	Wintergreen	Medium	5 - 10 feet	5 - 10 feet																								
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14	42100 - Planted White Pine	Sawtimber Well	4.1	120	111-140	N/A	Multi part mature white pine stand with red pine, oak and red maple. The red maple is mostly in the south of the stand near the road. Good pine sight, likely because of the high water table. There is a dense balsam fir understory and a small ammount of birch scattered throughout.																																																				
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Stand

Level 4 Cover Type

Size Density

Acres

Stand Age

BA Range

Managed Site

General Comments

59

4139 - Aspen, Mixed Deciduous

Poletimber Well

31.4

60

81-110

N/A

Size increases the more west you go. A few lowland areas, contains some legacy pine.

Canopy Species	% Cover	Size Class	DBH	Age
White Oak	5	Log	13	
Black/Red (Hybrid) Oak	10	Log	12	
Red Maple	20	Pole	5	
Red Pine	7	Log	15	
White Pine	12	Log/Pole	12	
Quaking Aspen	46	Pole	8	60

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

60

4319 - Mixed Upland Forest

Sawtimber Well

17.4

92

81-110

N/A

Possibly cut in 1975? Oak more common in the north of this stand and white pine more common towards the south.

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	12	Log	12	
Red Pine	10	Log	12	
Red Maple	35	Pole/Sapling	6	
White Pine	43	Log/XLog	14	92

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

61

6229 - Mixed Lowland Shrub

None

62.0

No

62

3205 - Mixed Upland Shrub

None

4.4

No

Failed oak clear-cut along swamp edge.

63

42220 - Natural Jack Pine

Poletimber Well

21.0

37

51-80

N/A

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	23	Pole	7	
Red Pine	10	Pole/Log	9	
Jack Pine	67	Pole/Sapling	6	37

64

6122 - Black Spruce

Poletimber Medium

3.0

67

1-50

N/A

OPIC - FMD: OI Stand Year Origin was 1959. 7/20/23: Updated to non-OI cover type.

65

4132 - Aspen, Jack Pine

Sapling Medium

52.2

25

Immature

N/A

7/20/23: Updated to non-OI cover type. Cut in summer 2001.

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	15	Sapling	2	
Jack Pine	20	Sapling	3	
Quaking Aspen	45	Sapling	2	25
Black Cherry	20	Sapling	2	



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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
73	4131 - Aspen, Oak	Poletimber Well	48.2	51	81-110	N/A	Nice aspen stand compared to others in the area.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen		58	Pole/Log	9	51	Red Pine		Low	5 - 10 feet
Black/Red (Hybrid) Oak		25	Pole/Log	9		White Pine		Low	Variable
Red Pine		7	Log	14					
Black Cherry		10	Sapling	4					
75	42221 - Natural Jack Pine, Mixed Deciduous	Poletimber Medium	17.4	61	81-110	N/A	Some areas are open and sapling sized .		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern Pin Oak		5	Pole/Log	8		Black Cherry		Medium	Variable
White Pine		10	Log/Pole	11		White Pine		Medium	Variable
Jack Pine		60	Pole	8	61				
Black Cherry		25	Pole/Sapling	5					
77	4319 - Mixed Upland Forest	Poletimber Well	51.3	65	81-110	N/A	Very diverse stand.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		20	Log/Pole	12	65	White Pine		Low	Variable
Quaking Aspen		3	Pole	7		Black Cherry		Low	Variable
Black/Red (Hybrid) Oak		15	Log	15	95	Red Maple		Medium	10 - 20 feet
Balsam Fir		25	Pole	8	65	Balsam Fir		Low	Variable
White Pine		15	Log/Pole	12					
Red Pine		7	Log	15					
Black Cherry		10	Pole	6					
White Oak		5	Log	12					
78	42220 - Natural Jack Pine	Poletimber Well	9.5	57	51-80	N/A	Lower density stand		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		5	Pole/Sapling	5		Black Cherry		Medium	Variable
Black/Red (Hybrid) Oak		5	Log	15		Red Maple		Low	Variable
Balsam Fir		5	Pole/Sapling	6		White Pine		Medium	Variable
White Pine		10	Pole/Log	9		Balsam Fir		Low	Variable
Jack Pine		75	Pole	8	57				
82	6123 - Lowland Fir	Poletimber Well	11.6	62	81-110	N/A	Balsam fir stand that may be seasonally wet in some places. There is large super canopy red and white pine in the west part of the stand.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		5	Sapling/Pole	4		Balsam Fir		Medium	Variable
Balsam Fir		85	Pole/Sapling	5	62				
Black Spruce		5	Pole	6					
White Pine		3	XLog	18					
Red Pine		2	Log	16					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																								
83	6122 - Black Spruce	Poletimber Poor	12.4	61	Unspecified	N/A	Lowland spruce and fi																																																								
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84	42220 - Natural Jack Pine	Sawtimber Medium	11.2	45	51-80	N/A	Small jack pine stand with a hunting camp. There is a pocket of white pine to the east, tha canopy is less dense to the west. High water table.																																																								
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Northern Pin Oak</td><td>20</td><td>Pole/Log</td><td>7</td><td></td></tr><tr><td>White Pine</td><td>20</td><td>Log/Pole</td><td>12</td><td></td></tr><tr><td>Jack Pine</td><td>60</td><td>Pole</td><td>7</td><td>45</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern Pin Oak	20	Pole/Log	7		White Pine	20	Log/Pole	12		Jack Pine	60	Pole	7	45	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Northern Pin Oak</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Black Cherry</td><td>Medium</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Northern Pin Oak	Low	Variable	Variable	Black Cherry	Medium	Variable	Variable																												
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85	42220 - Natural Jack Pine	Sapling Well	50.6	31	Unspecified	N/A	Seeded jack pine stand. Good oak mix.																																																								
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86	42220 - Natural Jack Pine	Poletimber Well	59.8	65	51-80	N/A	Jack pine stand with some older super canopy oak and red pine. Some areas have quaking aspen mixed in. Low spot in the south end of this stand.																																																								
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87	4113 - R.Maple, Conifer	Sapling Medium	49.9	30	1-50	N/A	Oak regeneration failure. Stand was seed tree cut leaving scattered, large, old oak. Stand regenerated to scattered stump sprout red maple. Large areas of low density red maple and pine.																																																								
<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>70</td><td>Sapling</td><td>2</td><td>30</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>2</td><td>Sapling</td><td>1</td><td>30</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>5</td><td>Log</td><td>14</td><td></td></tr><tr><td>White Pine</td><td>11</td><td>Sapling</td><td>2</td><td></td></tr><tr><td>Red Pine</td><td>2</td><td>Sapling</td><td>2</td><td></td></tr><tr><td>Jack Pine</td><td>10</td><td>Sapling</td><td>2</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	70	Sapling	2	30	Black/Red (Hybrid) Oak	2	Sapling	1	30	Black/Red (Hybrid) Oak	5	Log	14		White Pine	11	Sapling	2		Red Pine	2	Sapling	2		Jack Pine	10	Sapling	2																												
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88	6120 - Lowland Cedar	Poletimber Well	68.9	90	81-110	N/A																																																			
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89	42201 - Natural White Pine, Mixed Deciduous	Sawtimber Medium	13.2	90	51-80	N/A	Area surrounding old house that was aquired in the adjacent 40 acres.																																																		
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90	4113 - R.Maple, Conifer	Poletimber Well	9.9	90	51-80	N/A	Red maple, balsam fir stand surrounded by swamp. Some scattered black and white oak. Large white pine and even some hemlock on edges and south end.																																																		
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91	4119 - Mixed Northern Hardwoods	Poletimber Medium	58.6	41	1-50	N/A	Red maple and cherry stump sprout stand. Some low density open areas. A few clones of aspen. Some bigtooth aspen along east swamp edge.																																																		
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92	6120 - Lowland Cedar	Poletimber Well	17.6	115	Unspecified	N/A																																																			
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
110	4139 - Aspen, Mixed Deciduous	Poletimber Well	28.1	60	81-110	N/A																																																				
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111	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	27.6	60	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>50</td><td>Pole</td><td>6</td><td>60</td></tr><tr><td>Paper Birch</td><td>4</td><td>Pole</td><td>6</td><td></td></tr><tr><td>Quaking Aspen</td><td>5</td><td>Pole</td><td>6</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>5</td><td>Log</td><td>12</td><td></td></tr><tr><td>White Pine</td><td>30</td><td>Log</td><td>10</td><td></td></tr><tr><td>Red Pine</td><td>4</td><td>Log</td><td>12</td><td></td></tr><tr><td>Jack Pine</td><td>2</td><td>Log</td><td>10</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	50	Pole	6	60	Paper Birch	4	Pole	6		Quaking Aspen	5	Pole	6		Black/Red (Hybrid) Oak	5	Log	12		White Pine	30	Log	10		Red Pine	4	Log	12		Jack Pine	2	Log	10		<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 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Red Maple</td><td>High</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	5 - 10 feet	5 - 10 feet	Red Maple	High	10 - 20 feet	10 - 20 feet			
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112	4112 - Maple, Beech, Cherry Association	Sapling Medium	29.3	19	Immature	N/A	Cut in 2007																																																			
<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>86</td><td>Sapling</td><td>1</td><td>19</td></tr><tr><td>Quaking Aspen</td><td>10</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Northern Pin Oak</td><td>2</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Pin Cherry</td><td>2</td><td>Sapling</td><td>1</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	86	Sapling	1	19	Quaking Aspen	10	Sapling	1		Northern Pin Oak	2	Sapling	1		Pin Cherry	2	Sapling	1																																	
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113	42120 - Planted Jack Pine	Sapling Well	4.8	15		N/A																																																				
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117	500 - Water	None	0.8			No																																																				
118	42290 - Natural Mixed Pine	Sawtimber Well	13.2	103	111-140	N/A	Healthy looking stand. Has some legacy white pine & red pine. Has some lowland pond and drainage																																																			
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments				
124	6113 - Lowland Maple	Poletimber Poor	28.4	80	1-50	N/A					
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size		
Red Maple		69	Pole	6	80	Tag Alder	Low	5 - 10 feet	5 - 10 feet		
Quaking Aspen		9	Pole	6							
Balsam Fir		8	Pole	6							
Black Spruce		8	Pole	6							
Red Pine		3	Log	12							
White Pine		3	Pole	8							
127	6229 - Mixed Lowland Shrub	None	39.0			No	Cattail and tag alder along edge				
128	42250 - Pine, Oak	Poletimber Well	21.5	98	51-80	N/A	Mixed oak and pine, there is more white pine in west part of the stand, more oak in the east.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size		
Northern Pin Oak		30	Log/Pole	13	98	Red Pine	Low	Variable	Variable		
White Pine		15	Pole/Sapling	7		White Pine	Low	Variable	Variable		
Red Pine		28	Pole/Log	9							
Jack Pine		27	Pole/Sapling	6							
129	4199 - Other Mixed Upland Deciduous	Poletimber Well	37.8	38	51-80	N/A	Harvested in 1988, oak and maple regen mostly stump sprouts. Still mostly sapling size, some graduating into poles.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size		
Red Maple		25	Sapling/Pole	4		White Pine	Low	Variable	Variable		
Northern Pin Oak		45	Pole/Sapling	5	38						
White Pine		10	Pole/Sapling	7							
Black Cherry		10	Sapling/Pole	3							
Quaking Aspen		10	Pole/Sapling	5							
130	4310 - Pine, Oak Mix	Sawtimber Well	66.3	75	81-110	N/A	Variable stand due to some research harvesting/planned burning in the late 80's. As a result some areas are dominated by higher BA pine, others are more open with sapling sized hardwoods, and others heavier to oak. With aspen and red maple scattered throughout. Most oak is limby lower quality black oak				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size		
Red Maple		15	Pole	6		Black Cherry	Low	Variable	Variable		
Bigtooth Aspen		10	Pole/Log	7		White Pine	Medium	Variable	Variable		
White Pine		42	Log/Pole	11	75	Red Maple	High	Variable	Variable		
Red Pine		7	Log/Pole	10							
Black/Red (Hybrid) Oak		22	Log/Pole	11							
White Oak		1	Log	10							
Jack Pine		3	Pole/Sapling	5							



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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																			
131	42200 - Natural White Pine	Sawtimber Poor	15.2	80	51-80	N/A	Looks like a pine shelter wood. Harvested in 2016, no pine cut and 10 BA of oak was left. Stand was harvested in the fall 2016. Approximately 10 basal area of large crowned oaks were left. No pine was harvested. Previously coded as an oak stand.																																			
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Northern Pin Oak</td><td>5</td><td>Log</td><td>15</td><td>115</td></tr><tr><td>White Pine</td><td>60</td><td>Log/Pole</td><td>10</td><td>80</td></tr><tr><td>Red Pine</td><td>35</td><td>Log/Pole</td><td>10</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Northern Pin Oak	5	Log	15	115	White Pine	60	Log/Pole	10	80	Red Pine	35	Log/Pole	10		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>White Pine</td><td>Medium</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	Variable	Variable	White Pine	Medium	Variable	Variable						
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133	4311 - Pine, Aspen Mix	Poletimber Well	44.9	19	1-50	N/A	Mixed aspen and deciduous with some pine. The stand was regenerated 2007, the pine was left. There are some super canopy red pine.																																			
<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>30</td><td>Sapling</td><td>1</td><td>19</td></tr><tr><td>White Pine</td><td>20</td><td>Pole/Sapling</td><td>6</td><td></td></tr><tr><td>Red Pine</td><td>10</td><td>Log/XLog</td><td>17</td><td></td></tr><tr><td>Red Pine</td><td>20</td><td>Pole</td><td>7</td><td></td></tr><tr><td>Black Cherry</td><td>20</td><td>Sapling</td><td>1</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Quaking Aspen	30	Sapling	1	19	White Pine	20	Pole/Sapling	6		Red Pine	10	Log/XLog	17		Red Pine	20	Pole	7		Black Cherry	20	Sapling	1											
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Black Cherry	20	Sapling	1																																							
134	4130 - Aspen	Sapling Well	20.3	10		N/A	Stand was final harvested in the fall 2016. The strip along the south line that was left for a buffer and was intended to be left for retention was treated because the private landowner to the south was posting the stand land as his own and could have led to further trespass issues in the future if left. Did leave 30+ basal area of large red pine sawlog trees in this strip.																																			
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Red Pine	5	Log	13																																							
135	42120 - Planted Jack Pine	Poletimber Well	59.8	72	111-140	N/A	Good site with a higher water table.																																			
<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>96</td><td>Pole</td><td>8</td><td>72</td></tr><tr><td>Black Cherry</td><td>3</td><td>Pole</td><td>5</td><td></td></tr><tr><td>Red Pine</td><td>1</td><td>Log</td><td>12</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Jack Pine	96	Pole	8	72	Black Cherry	3	Pole	5		Red Pine	1	Log	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>< 5 feet</td><td>< 5 feet</td></tr><tr><td>White Pine</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Black Cherry</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Low	< 5 feet	< 5 feet	White Pine	Low	Variable	Variable	Black Cherry	Low	< 5 feet	< 5 feet		
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White Pine	Low	Variable	Variable																																							
Black Cherry	Low	< 5 feet	< 5 feet																																							
139	4139 - Aspen, Mixed Deciduous	Poletimber Well	61.0	56	81-110	N/A	Hummocky ground with high water table. Some wet pockets areas and small openings																																			
<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>30</td><td>Pole</td><td>7</td><td></td></tr><tr><td>White Oak</td><td>3</td><td>Pole</td><td>6</td><td></td></tr><tr><td>Paper Birch</td><td>2</td><td>Pole</td><td>6</td><td></td></tr><tr><td>Quaking Aspen</td><td>53</td><td>Pole</td><td>7</td><td>56</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>12</td><td>Pole/Log</td><td>8</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	30	Pole	7		White Oak	3	Pole	6		Paper Birch	2	Pole	6		Quaking Aspen	53	Pole	7	56	Black/Red (Hybrid) Oak	12	Pole/Log	8		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></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	Red Maple	Medium	10 - 20 feet	10 - 20 feet
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140	42220 - Natural Jack Pine	Poletimber Well	15.1	60	81-110	N/A	Larger jack pine on north west end mixed with sawtimber red pine. Most of the stand is thick pole timber jack pine.																																			
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142	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Medium	25.2	60	51-80	N/A	Drainage																																																															
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143	42120 - Planted Jack Pine	Sapling Well	90.4	31	Unspecified	N/A																																																																
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Jack Pine	92	Sapling	1	31																																																																		
144	42220 - Natural Jack Pine	Poletimber Well	45.9	52	81-110	N/A	Smaller along the perimeter but gets larger in size in the interior.																																																															
<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>Quaking Aspen</td><td>5</td><td>Sapling/Pole</td><td>4</td><td></td><td>Pin Cherry</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Northern Pin Oak</td><td>11</td><td>Pole/Sapling</td><td>6</td><td></td><td>Northern Pin Oak</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Red Pine</td><td>10</td><td>Pole/Log</td><td>8</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Jack Pine</td><td>65</td><td>Pole</td><td>7</td><td>52</td><td></td><td></td><td></td><td></td></tr><tr><td>Pin Cherry</td><td>2</td><td>Sapling/Pole</td><td>4</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>7</td><td>Log/Pole</td><td>12</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	Quaking Aspen	5	Sapling/Pole	4		Pin Cherry	Medium	5 - 10 feet	5 - 10 feet	Northern Pin Oak	11	Pole/Sapling	6		Northern Pin Oak	Low	5 - 10 feet	5 - 10 feet	Red Pine	10	Pole/Log	8						Jack Pine	65	Pole	7	52					Pin Cherry	2	Sapling/Pole	4						Black/Red (Hybrid) Oak	7	Log/Pole	12					
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145	4130 - Aspen	Sapling Well	118.1	13	Immature	N/A	Old OI notes indicate area was "KG bladed" in19596ylmi. Harvested in spring of 2013																																																															
<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>77</td><td>Sapling</td><td>2</td><td>13</td></tr><tr><td>Red Pine</td><td>1</td><td>Log/Pole</td><td>12</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>7</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Black Cherry</td><td>5</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Red Maple</td><td>10</td><td>Sapling</td><td>1</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	77	Sapling	2	13	Red Pine	1	Log/Pole	12		Black/Red (Hybrid) Oak	7	Sapling	1		Black Cherry	5	Sapling	1		Red Maple	10	Sapling	1																																		
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146	4131 - Aspen, Oak	Sapling Medium	18.8	12	Immature	N/A	Moderately stocked stand closer to 50%. Does not appear to have been planted despite the treatment objective of planted jack pine. Appears they only implemented natural regeneration?																																																															
<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>40</td><td>Sapling</td><td>1</td><td>12</td></tr><tr><td>Red Maple</td><td>10</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Black Cherry</td><td>20</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>20</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Jack Pine</td><td>10</td><td>Sapling</td><td>1</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	40	Sapling	1	12	Red Maple	10	Sapling	1		Black Cherry	20	Sapling	1		Black/Red (Hybrid) Oak	20	Sapling	1		Jack Pine	10	Sapling	1																																		
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																		
157	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	6.5	75	51-80	N/A	fairly equal mix of A/RM/O poles with some JP poles, aslo scattered oak/RM SL, appears to have had HW's and JP removed in 1971 cut, dry but hummocky ground with more RPSL on the south end, more of aRP site than a HW site as HW's are lower quality thantn the pine, consider final harvesting next YOE and trenching/planting RP																																																		
<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>25</td><td>Pole</td><td>9</td><td></td></tr><tr><td>Quaking Aspen</td><td>15</td><td>Pole</td><td>6</td><td>54</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>25</td><td>Log/Pole</td><td>11</td><td>75</td></tr><tr><td>White Pine</td><td>10</td><td>Log</td><td>16</td><td></td></tr><tr><td>Red Pine</td><td>15</td><td>Log</td><td>14</td><td></td></tr><tr><td>Jack Pine</td><td>7</td><td>Pole</td><td>5</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	25	Pole	9		Quaking Aspen	15	Pole	6	54	Black/Red (Hybrid) Oak	25	Log/Pole	11	75	White Pine	10	Log	16		Red Pine	15	Log	14		Jack Pine	7	Pole	5		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Pine</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>Red Maple</td><td>High</td><td>Variable</td><td>Variable</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>Medium</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Medium	Variable	Variable	Red Maple	High	Variable	Variable	Black/Red (Hybrid) Oak	Medium	Variable	Variable			
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Black/Red (Hybrid) Oak	Medium	Variable	Variable																																																						
158	4310 - Pine, Oak Mix	Sawtimber Medium	13.6	96	51-80	N/A	mix of A/JP/Oak, all species are poor quality and declining, oak is quite a bit older than the A/JP, KOTAR Type is PARVHa/PARVVb, mark good oak seed trees for mast and RP SL for diversity, final harvest and accept whatever type and amount of regeneration results, leave all WP for diversity - Cut April 2016 and stand is now low density trees until aspen and jack pine regeneration gets big enough, portion north of SMT was uncut and is now long term retention 1																																																		
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159	6122 - Black Spruce	Poletimber Well	6.5	75	Unspecified	N/A	wet swale with mainly black spruce and scattered RM/JP poles																																																		
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Red Maple	Low	Variable	Variable																																																						
160	42120 - Planted Jack Pine	Sapling Well	5.8	28	Unspecified	N/A	JP with scattered sparser/wetter areas and rim of JP/Oak poles, seeded in 1997 after 1995 cut																																																		
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Pin Cherry	5	Sapling	1																																																						
161	6225 - Bog	None	21.8			No																																																			



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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																								
162	4130 - Aspen	Sapling Well	16.1	10	Immature	N/A	Previous examiner thought the aspen regeneration was of low quality. To me it appears to be the opposite, very nice regeneration. A few scattered oak, red pine and white pine left from previous harvest.																																																								
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black Cherry</td><td>5</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>White Pine</td><td>1</td><td>Pole/Sapling</td><td>6</td><td></td></tr><tr><td>Red Pine</td><td>1</td><td>Log/Pole</td><td>11</td><td></td></tr><tr><td>Red Oak</td><td>10</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Red Oak</td><td>1</td><td>Log</td><td>13</td><td></td></tr><tr><td>Red Maple</td><td>15</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Pin Cherry</td><td>4</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Quaking Aspen</td><td>63</td><td>Sapling</td><td>1</td><td>10</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Black Cherry	5	Sapling	1		White Pine	1	Pole/Sapling	6		Red Pine	1	Log/Pole	11		Red Oak	10	Sapling	1		Red Oak	1	Log	13		Red Maple	15	Sapling	1		Pin Cherry	4	Sapling	1		Quaking Aspen	63	Sapling	1	10											
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Quaking Aspen	63	Sapling	1	10																																																											
163	4139 - Aspen, Mixed Deciduous	Sapling Well	23.9	19	Immature	N/A	Cut to 4" in 2006. There is a pocket of mature pine in the NW corner that was left. A drainage bisects the stand (does not support vigorous tree growth). Regeneration patchy in some areas but overall very well stocked and thick. Canopy closure definitely closer to 75%. Likely to grow into the next age class next YOE.																																																								
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164	4132 - Aspen, Jack Pine	Poletimber Well	12.3	53	51-80	N/A	Lower density, lower quality aspen stand with high variability.																																																								
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166	4133 - Aspen, Mixed Pine	Poletimber Well	20.8	53	81-110	N/A	All trees 4" and up cut in 1972.																																																								
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																								
167	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Well	16.5	29	Unspecified	N/A	Two pockets are fairly larger aspen within.																																																								
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Jack Pine	65	Sapling	3	29																																																											
168	310 - Herbaceous Openland	None	3.9			No																																																									
170	3102 - Grass	None	1.6			No																																																									
171	42120 - Planted Jack Pine	Sapling Well	28.7	31	Unspecified	N/A	Seeded high water table 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 Maple</td><td>3</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Northern Pin Oak</td><td>2</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Jack Pine</td><td>95</td><td>Sapling</td><td>1</td><td>31</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	3	Sapling	1		Northern Pin Oak	2	Sapling	1		Jack Pine	95	Sapling	1	31																																				
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Jack Pine	95	Sapling	1	31																																																											
172	6127 - Lowland Pine	Poletimber Medium	81.0	60	51-80	N/A	Mixed stand of aspen/red maple and clumps of red pine on higher spots. Some open wet areas that have little canopy cover. Entire stand is on a high water table with standing water during wet times. Your guess is as good as mine on it's cover type. Red and white pine thinned in 1986.																																																								
<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>10</td><td>Pole</td><td>6</td><td></td></tr><tr><td>Paper Birch</td><td>2</td><td>Pole</td><td>8</td><td></td></tr><tr><td>Quaking Aspen</td><td>23</td><td>Pole</td><td>8</td><td>60</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>2</td><td>Pole/Log</td><td>8</td><td></td></tr><tr><td>White Pine</td><td>15</td><td>Pole</td><td>8</td><td></td></tr><tr><td>Red Pine</td><td>43</td><td>Log/Pole</td><td>12</td><td>60</td></tr><tr><td>Jack Pine</td><td>5</td><td>Pole</td><td>8</td><td></td></tr></table> <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 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Pin Cherry</td><td>Medium</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Tag Alder</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	10	Pole	6		Paper Birch	2	Pole	8		Quaking Aspen	23	Pole	8	60	Black/Red (Hybrid) Oak	2	Pole/Log	8		White Pine	15	Pole	8		Red Pine	43	Log/Pole	12	60	Jack Pine	5	Pole	8		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	5 - 10 feet	5 - 10 feet	Pin Cherry	Medium	< 5 feet	< 5 feet	Tag Alder	Low	5 - 10 feet	5 - 10 feet
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173	6220 - Alder/Willow	None	21.8			No	drainage with willow spare jp oak and pb																																																								
174	42120 - Planted Jack Pine	Sapling Well	10.3	31	Unspecified	N/A	seeded high water table jack pine.																																																								
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175	42220 - Natural Jack Pine	Sawtimber Well	14.8	70	81-110	N/A	Jack pine stand on high water table. Some areas of quaking aspen along with some scattered red pine.																																																								
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																					
176	42210 - Natural Red Pine	Sawtimber Well	9.9	70	81-110	N/A	Natural red pine stand on high water tale. Hummocky ground some areas with lower ba but alot of pockets of dense rp which could benefit by being opened up																																					
<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>10</td><td>Sapling/Pole</td><td>4</td><td></td></tr><tr><td>Quaking Aspen</td><td>5</td><td>Pole</td><td>5</td><td></td></tr><tr><td>Red Pine</td><td>83</td><td>Log</td><td>14</td><td>70</td></tr><tr><td>Jack Pine</td><td>2</td><td>Pole/Log</td><td>8</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	10	Sapling/Pole	4		Quaking Aspen	5	Pole	5		Red Pine	83	Log	14	70	Jack Pine	2	Pole/Log	8		<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>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	Black/Red (Hybrid) Oak	Low	5 - 10 feet	5 - 10 feet	Pin Cherry	Low	5 - 10 feet	5 - 10 feet		
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177	6225 - Bog	None	4.7			No																																						
178	42220 - Natural Jack Pine	Poletimber Well	16.0	70	81-110	N/A	Jack pine standon high water table mixed with some red pine.																																					
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179	42220 - Natural Jack Pine	Sapling Well	45.6	31	Unspecified	N/A	High water table seeded in jack pine,																																					
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180	4112 - Maple, Beech, Cherry Association	Poletimber Well	4.3	70	81-110	N/A	Small stand of red maple on high water table. Holds water in spring and wet times. Some oak on higher hummocks.																																					
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181	4112 - Maple, Beech, Cherry Association	Sapling Medium	5.7	31	Immature	N/A																																						
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182	42120 - Planted Jack Pine	Sapling Well	19.9	31	Unspecified	N/A																																						
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Northern Pin Oak</td><td>5</td><td>Sapling</td><td>2</td><td></td></tr><tr><td>Jack Pine</td><td>95</td><td>Sapling</td><td>2</td><td>31</td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Northern Pin Oak	5	Sapling	2		Jack Pine	95	Sapling	2	31																											
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																						
185	4130 - Aspen	Sapling Well	26.1	21	Unspecified	N/A																																																							
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186	4130 - Aspen	Poletimber Well	14.7	31	1-50	N/A	Wet swale cuts through middle of stand. Current beaver activity creating some ponding. Good wood duck habitat.																																																						
<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>Quaking Aspen</td><td>100</td><td>Pole/Sapling</td><td>5</td><td>31</td><td>Red Maple</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>Pin Cherry</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Quaking Aspen	100	Pole/Sapling	5	31	Red Maple	Low	< 5 feet	< 5 feet						Pin Cherry	Low	< 5 feet	< 5 feet																											
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187	6112 - Lowland Aspen	Poletimber Well	6.7	70	81-110	N/A	Narrow wet aspen drainage. Some beaver activity on east side. Muscle wood in some areas of understory.																																																						
<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>Red Maple</td><td>5</td><td>Pole/Log</td><td>9</td><td></td><td>Tag Alder</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Quaking Aspen</td><td>93</td><td>Pole/Log</td><td>9</td><td>70</td><td>Red Maple</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>White Pine</td><td>2</td><td>Pole</td><td>8</td><td></td><td>Musclewood/Hornbeam</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	Red Maple	5	Pole/Log	9		Tag Alder	Low	5 - 10 feet	5 - 10 feet	Quaking Aspen	93	Pole/Log	9	70	Red Maple	Medium	10 - 20 feet	10 - 20 feet	White Pine	2	Pole	8		Musclewood/Hornbeam	Low	5 - 10 feet	5 - 10 feet																		
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188	4130 - Aspen	Sawtimber Medium	8.4	60	51-80	N/A	Low density overmature aspen near lowland																																																						
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White Pine	2	Pole	9																																																										
189	42220 - Natural Jack Pine	Poletimber Well	25.6	55	81-110	N/A	Variable mature JP stand most likely regenerated by 1960's St Helen Fire.																																																						
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190	3102 - Grass	None	7.3			Yes																																																							
<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Mixed Sedges/Grasses</td><td>High</td><td>Not Applicable</td><td>Not Applicable</td></tr><tr><td>Jack Pine</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Black Cherry</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr></table>								Sub-Canopy Species	Density	Avg. Height	Size	Mixed Sedges/Grasses	High	Not Applicable	Not Applicable	Jack Pine	Low	Variable	Variable	Black/Red (Hybrid) Oak	Low	>20 feet	>20 feet	Black Cherry	Low	>20 feet	>20 feet																																		
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
198	4132 - Aspen, Jack Pine	Poletimber Well	9.9	60	81-110	N/A	Stand is past its prime and showing signs of decline.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen		75	Pole	9	60	Pin Cherry	Medium	5 - 10 feet	5 - 10 feet
Jack Pine		20	Pole	8		Black/Red (Hybrid) Oak	Low	Variable	Variable
Black/Red (Hybrid) Oak		5	Log/Pole	11		Jack Pine	Low	10 - 20 feet	10 - 20 feet
199	4119 - Mixed Northern Hardwoods	Poletimber Well	24.9	60	51-80	N/A	Red maple stand on high water table. Some wet areas holding water. Some scattered oak on drier hummocks. Oak 2 aged 80 yo?		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		68	Pole/Sapling	5	60	Red Maple	High	10 - 20 feet	10 - 20 feet
Black/Red (Hybrid) Oak		15	Log/Pole	12		White Pine	Medium	10 - 20 feet	10 - 20 feet
White Pine		10	Pole/Log	8		Tag Alder	Low	5 - 10 feet	5 - 10 feet
Jack Pine		2	Log	10					
Paper Birch		5	Pole/Sapling	5					
200	4133 - Aspen, Mixed Pine	Poletimber Well	11.4	60	51-80	N/A	Thin strip of aspen mixed with old oak on north side of trail road that probably should have been cut with stand to the south. Origin is probably from 1960's St. Helen fire.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen		68	Pole/Log	9	60	Pin Cherry	Low	5 - 10 feet	5 - 10 feet
Black/Red (Hybrid) Oak		10	Log	12		White Pine	Medium	10 - 20 feet	10 - 20 feet
White Pine		20	Pole/Log	8		Red Maple	Medium	10 - 20 feet	10 - 20 feet
Red Pine		2	Log	12					
201	4130 - Aspen	Sapling Well	143.4	21	Immature	N/A	Poor quality quaking aspen mixed with heavy cherry similar size to beaverslide honestly check records.		
Canopy Species		% Cover	Size Class	DBH	Age				
Red Maple		5	Sapling	1					
Quaking Aspen		70	Sapling	2	21				
Northern Pin Oak		5	Sapling	1					
Pin Cherry		20	Sapling	1					
202	6113 - Lowland Maple	Poletimber Well	2.4	80	51-80	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		80	Pole	8	80	Red Maple	Medium	10 - 20 feet	10 - 20 feet
White Pine		20	Log/Pole	10		White Pine	High	10 - 20 feet	10 - 20 feet
203	6113 - Lowland Maple	Poletimber Well	13.1	60	1-50	N/A	Red maple drainage. Some open wet areas and a few small higher areas growing some oak.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		90	Pole	8	60	Red Maple	High	10 - 20 feet	10 - 20 feet
Paper Birch		2	Pole	6		Tag Alder	Low	5 - 10 feet	5 - 10 feet
White Pine		8	Pole	8		White Pine	Medium	5 - 10 feet	5 - 10 feet



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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																														
211	330 - Low-Density Trees	None	51.9			Yes	Cut in 2010 , wildfire occurred in 2013 that resulted in heavy mortality to the residual pine. Following it was transitioned to a red pine pine barren with prescribed fire. FTP# W71-876.Burned in 2018.																														
								Sub-Canopy Species	Density	Avg. Height	Size																										
								Black Cherry	Medium	Variable	Variable																										
								Big Bluestem	Medium	Not Applicable	Not Applicable																										
								Oak (spp.)	Medium	5 - 10 feet	5 - 10 feet																										
								Red Pine	Medium	>20 feet	>20 feet																										
212	3301 - Low Density Deciduous Trees	None	31.4			No	Currently in a area regularly burned. There are more trees growing in this stand than the stand to the west.																														
								Sub-Canopy Species	Density	Avg. Height	Size																										
								Quaking Aspen	Medium	5 - 10 feet	5 - 10 feet																										
								Sweet Fern	High	5 - 10 feet	5 - 10 feet																										
								Little Bluestem	Medium	Not Applicable	Not Applicable																										
								Black Cherry	Medium	Variable	Variable																										
213	31022 - Warm Season Grass	None	1.4			Yes	Maintained opening by Wildlife Division.																														
214	6224 - Treed Bog	None	5.3			No	Tag alder and willow drainage. Red maple and aspen along edges.																														
								Sub-Canopy Species	Density	Avg. Height	Size																										
								Quaking Aspen	Low	>20 feet	>20 feet																										
								Red Maple	Medium	>20 feet	>20 feet																										
216	4133 - Aspen, Mixed Pine	Sapling Medium	12.7	6	Immature	N/A	Cut 2020 as a part of Tacoma Mix																														
<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>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>20</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>40</td> <td>Sapling</td> <td>1</td> <td>6</td> </tr> <tr> <td>Jack Pine</td> <td>15</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>20</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	5	Pole/Log	9		Black/Red (Hybrid) Oak	20	Sapling	1		Quaking Aspen	40	Sapling	1	6	Jack Pine	15	Sapling	1		Black Cherry	20	Sapling	1	
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