



# Compartment Review Presentation

Roscommon Forest Management Unit

Compartment 71073

Entry Year 2025

Acreage: 2,901

County Ogemaw

Management Area: High Sand Plains

**Stand Examiner:** Jason Lewicki

## Legal Description:

T24N, R01E Sections 16, 17, 18, 19, 20 and 21.

## Identified Planning Goals:

The Kirtland's Warbler management area (MA) consists of fifteen units of land that are managed for the federally endangered Kirtland's warbler. Kirtland's warbler management is guided by two documents: Kirtland's Warbler Breeding Range Conservation Plan and Operational Plan for Kirtland's Warbler Habitat Management on Michigan State Forests. Of the 148,017 acres of state forest land that make up the Kirtland's Warbler management area, approximately 90,000 acres, most of the jack pine in the management area, have been identified as essential habitat where management is done in accordance with the Kirtland's Warbler Conservation Plan and Operational Plan. Management on the portion that is not classified as essential habitat will emphasize balancing the age classes of aspen and red pine and regenerating the aging oak resource. Management activities may be constrained or modified based on management recommendations described in the Conservation Strategy. Expected trends within this 10-year planning period are introduced pests and diseases and assuring jack pine regeneration on Kirtland's warbler sites.

## Soil and topography:

Soils generally consist of Grayling and Greycalm sands.

Topography is generally flat to very gently rolling.

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

Ownership within the compartment and the surrounding area is owned primarily by the State of Michigan with a few scattered privately owned parcels.

## Unique Natural Features:

This area is primarily managed for Kirtland's Warbler habitat.

## Archeological, Historical, and Cultural Features:

None known

## Special Management Designations or Considerations:

Kirtland's Warbler habitat

## Watershed and Fisheries Considerations:

None known

## Wildlife Habitat Considerations:

## Mineral Resource and Development Concerns and/or Restrictions

Sections 17-21 & 28-29, T24N-R1E, Ogemaw County

No known potential exists for metallic minerals in this part of the state. No active sand/gravel operations are known to exist in the area. There is good potential for sand & gravel on the uplands in the compartment, but the compartment might be too far from populated areas (commercial markets) for any aggregate resources present to have much economic value beyond use by the county road commission or DNR for road maintenance. A western extension of the Rose City oil & gas field occurs in the compartment. Most of the wells are still producing, and most State-owned mineral rights in Sec 21 are currently leased and held by production. Potential for expansion of the field is unknown, but there has been no recent well permitting activity in the area and no new leasing activity, so potential for drilling of additional wells in the compartment is considered low at this time. The State does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, the surface owner must provide the owner of the mineral rights reasonable access to the surface for mineral exploration and development.

## Vehicle Access:

Vehicle access throughout the compartment is very good due to the presence of multiple county roads and state owned

forest access roads.

**Survey Needs:**

None needed at this time.

**Recreational Facilities and Opportunities:**

**Fire Protection:**

**Additional Compartment Information:**

**The following reports from the Inventory are attached:**

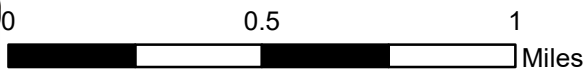
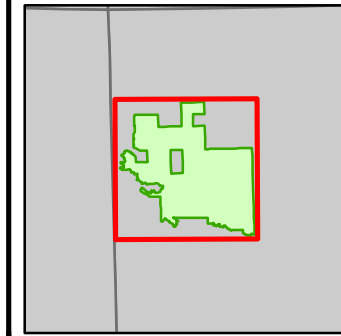
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

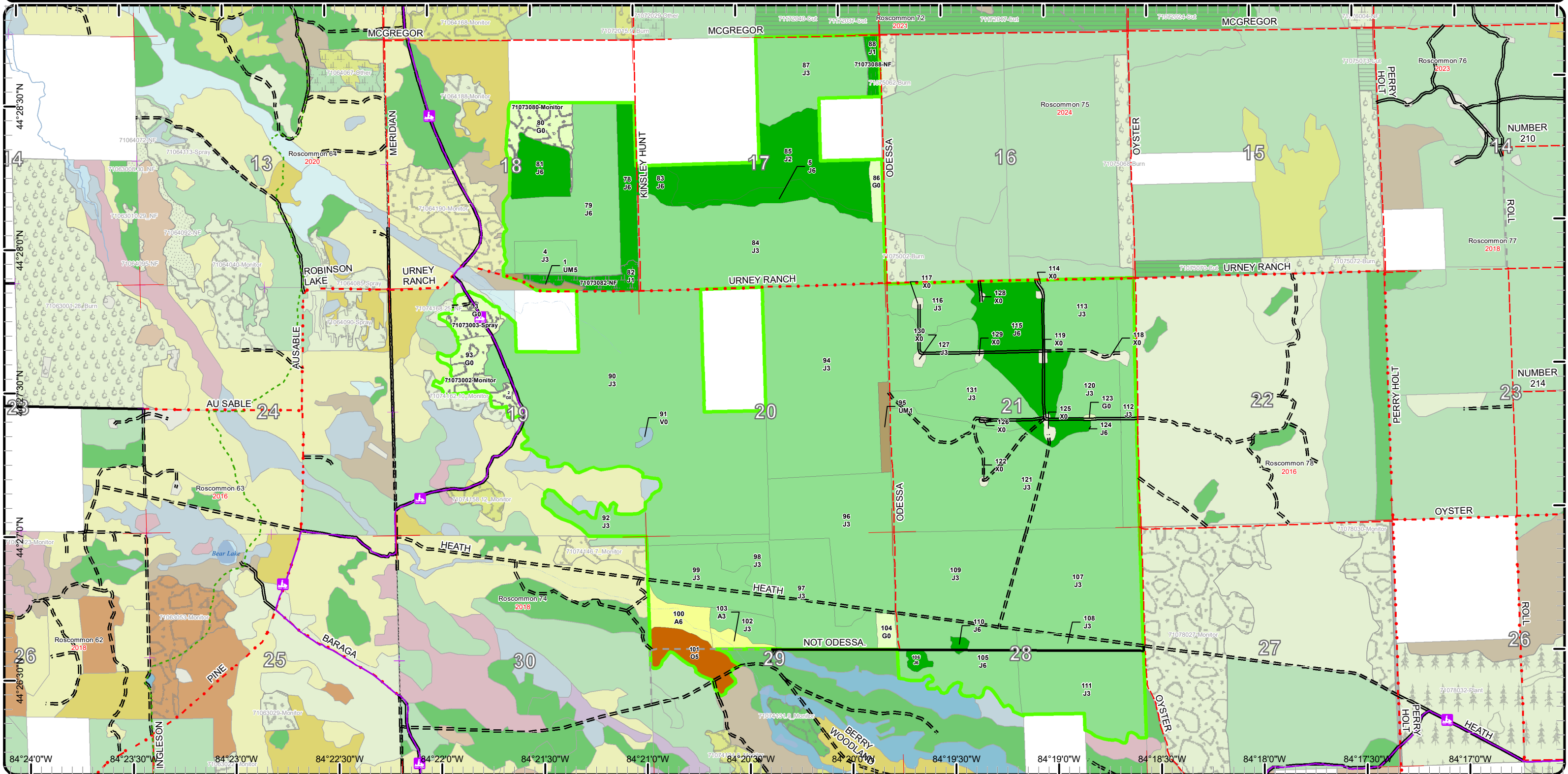
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

# Cover Type & Treatments Map

Compartment: 73  
 T24N, R01E, Sec. 17-21, 28, 29  
 County: Ogemaw  
 Unit: Roscommon  
 Mgmt Area: High Sand Plains  
 YOE: 2025  
 Acres: 2900.8 GIS Calculated  
 Examiner: Jason Lewicki  
 Map Revised: 7/5/2023  
 Map Phase: Web-Post

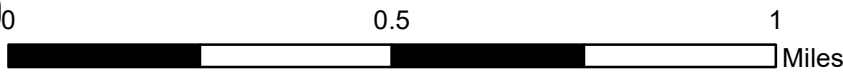


- Miris Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Snowmobile Trails
- Designated Snowmobile Trails
- Intermittent Stream
- Lake/Pond
- Lakes and Rivers
- Compartment Boundary
- Pesticide
- Other Treatment - See Comments
- Regeneration Survey
- Opening Maintenance
- 412 - Oak Types
- 413 - Aspen
- 421 - Planted Pines
- 422 - Natural Pines
- 430 - Upland Mixed Forest
- 310 - Herbaceous Openland
- 622 - Lowland Shrub
- 790 - Other Bare/Sparsely Vegetated

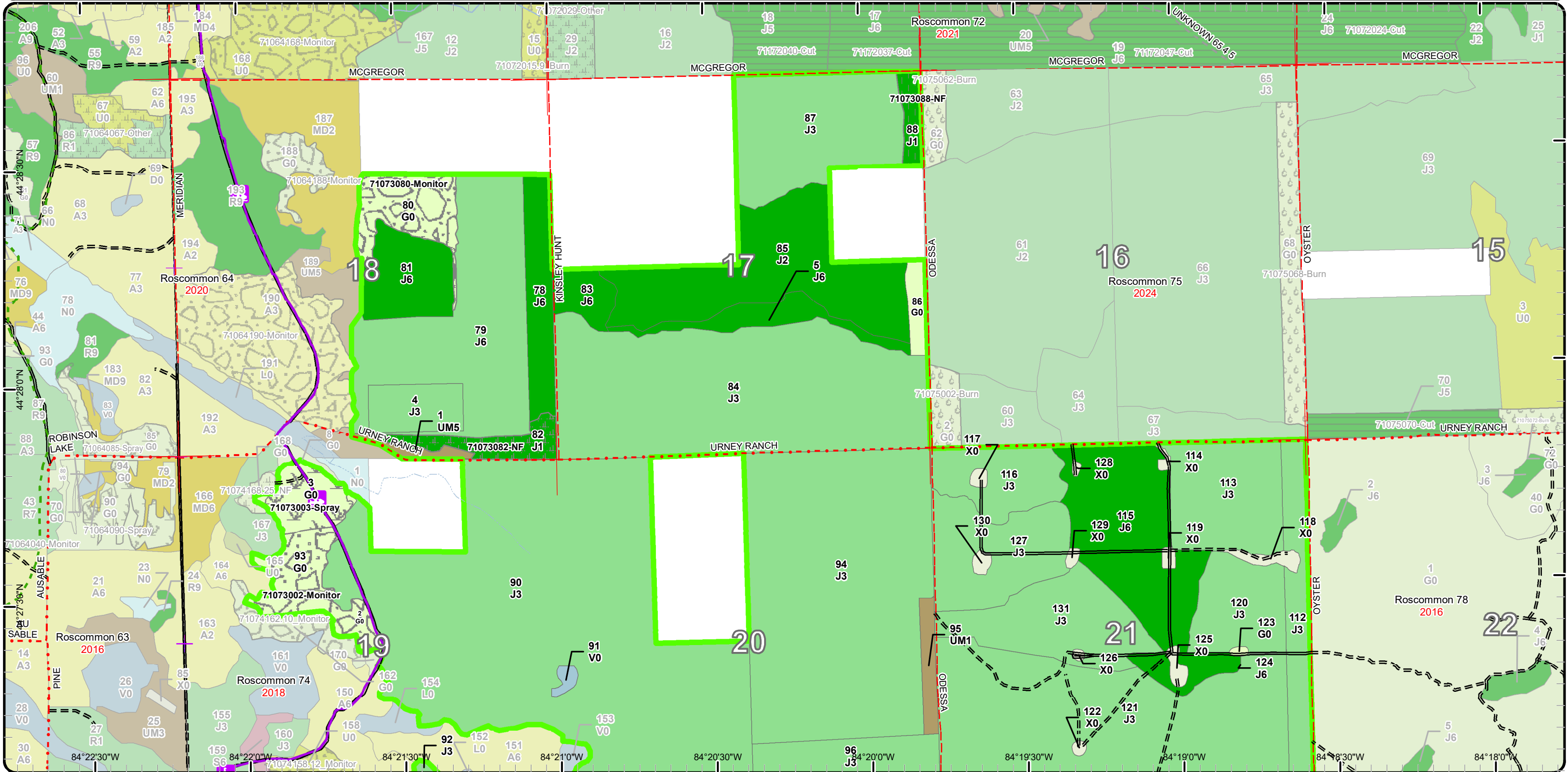


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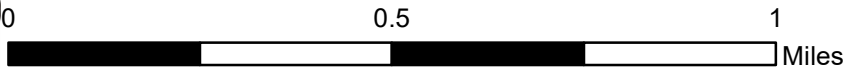
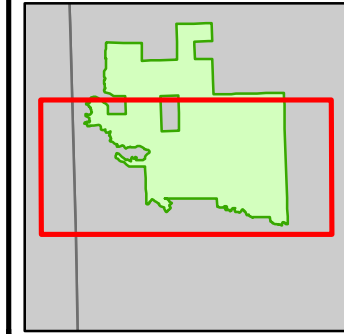
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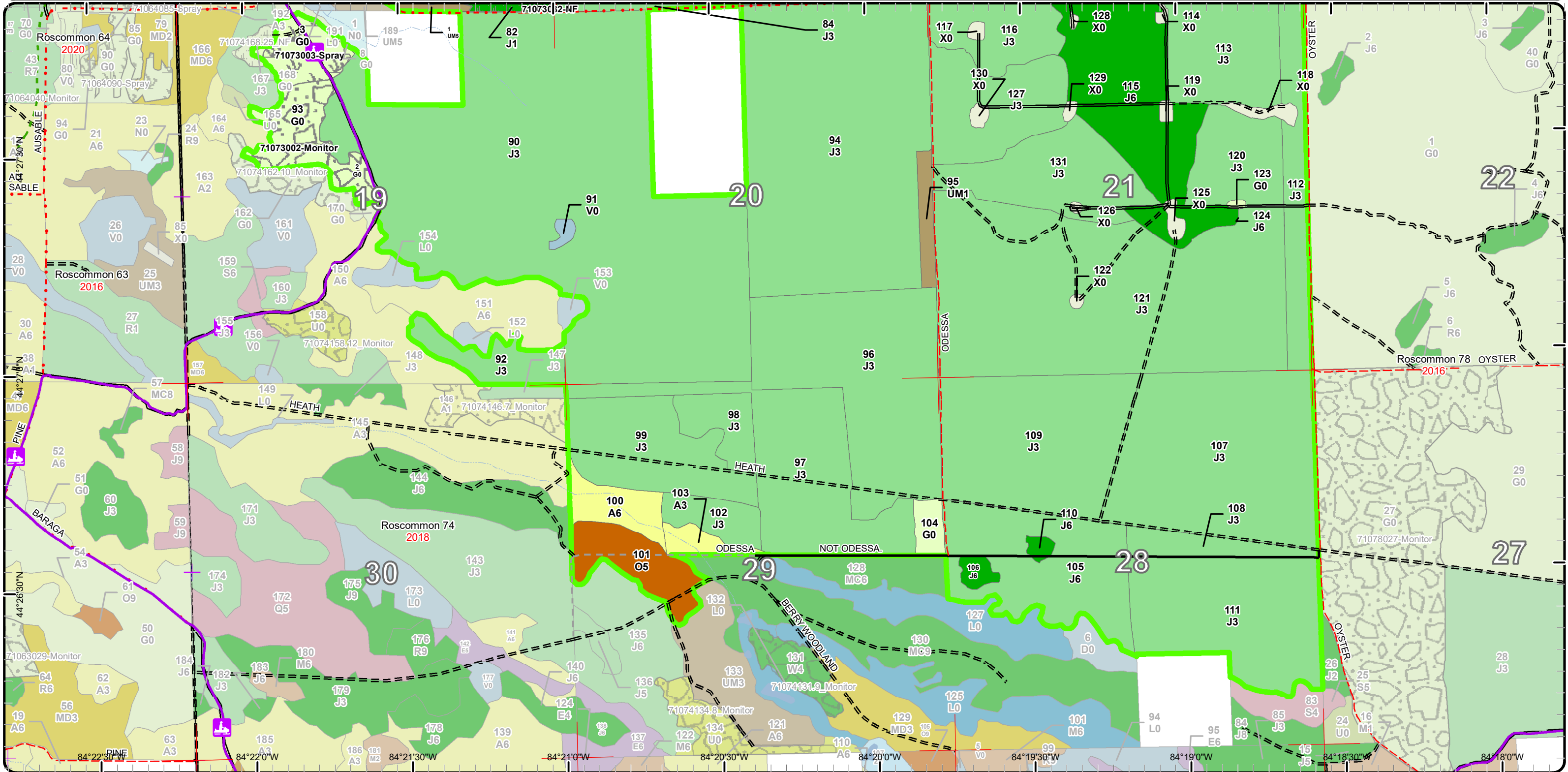


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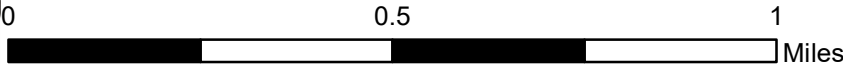
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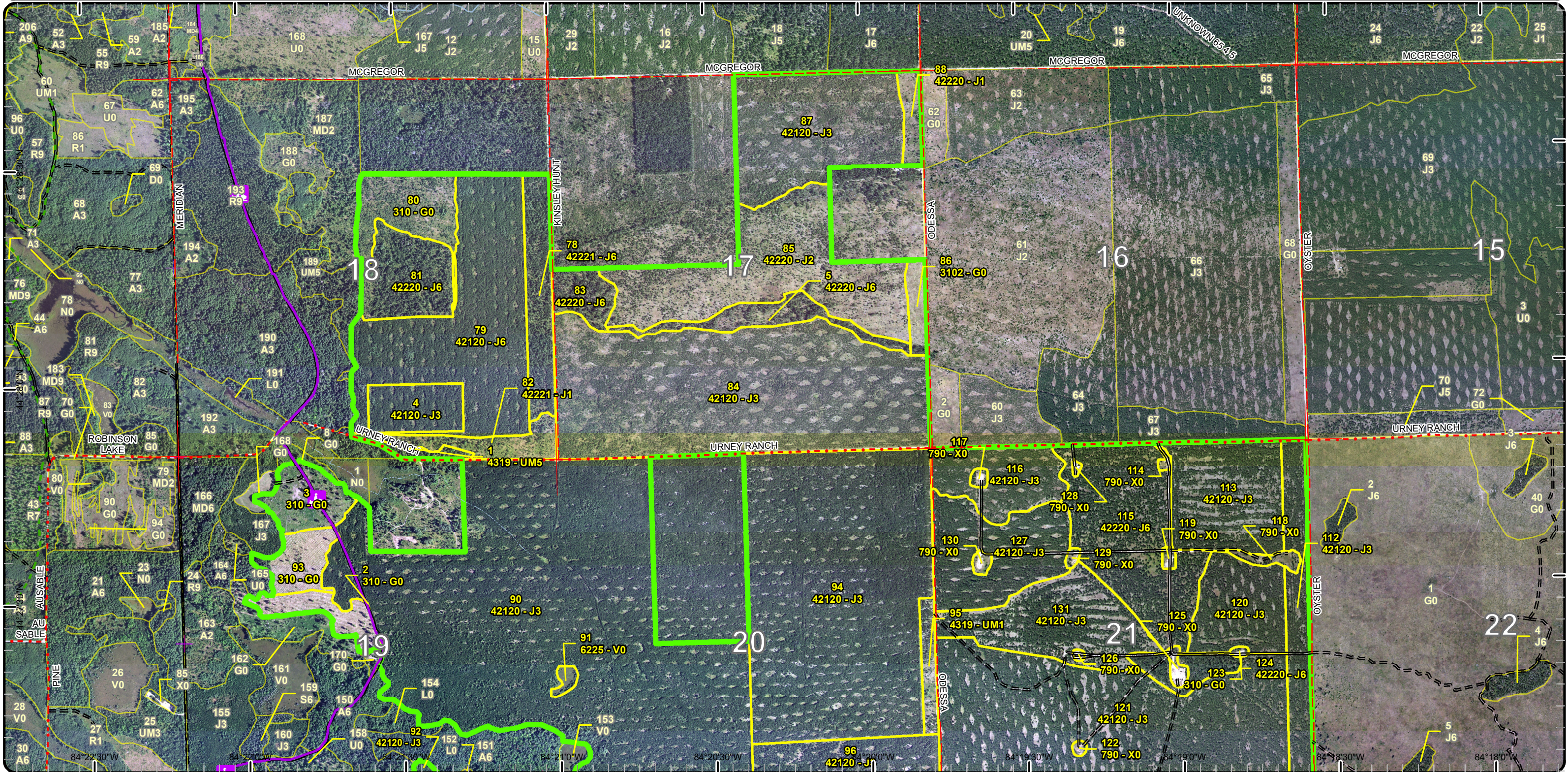


# Stand Boundary Map

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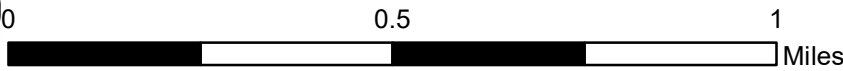
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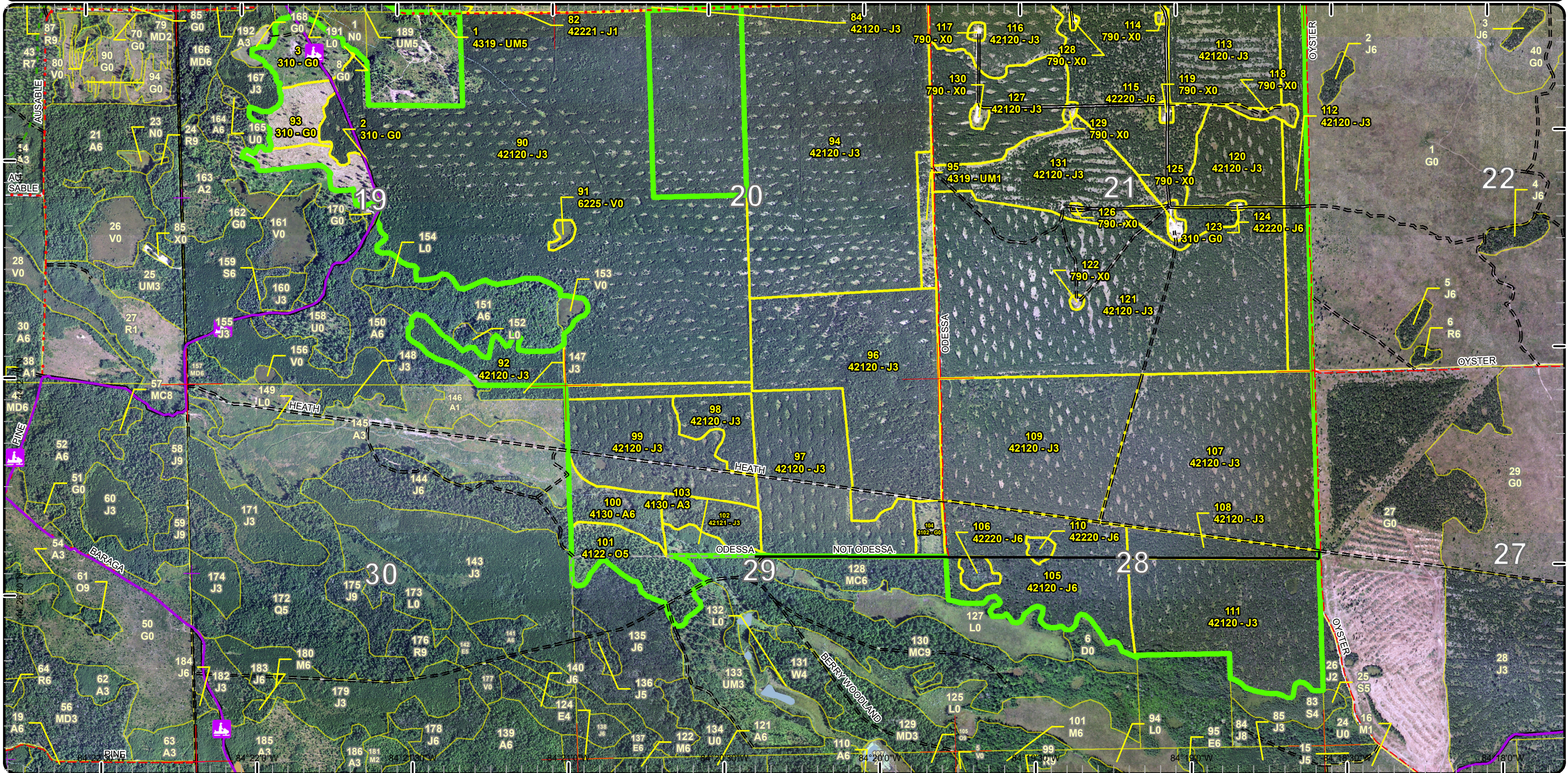


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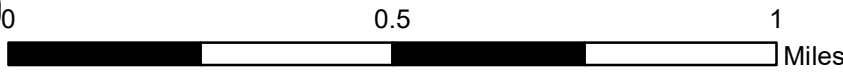
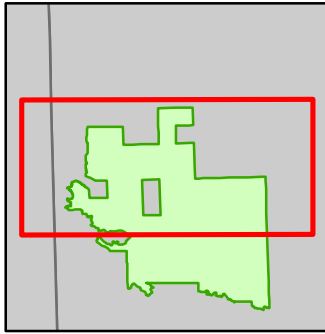
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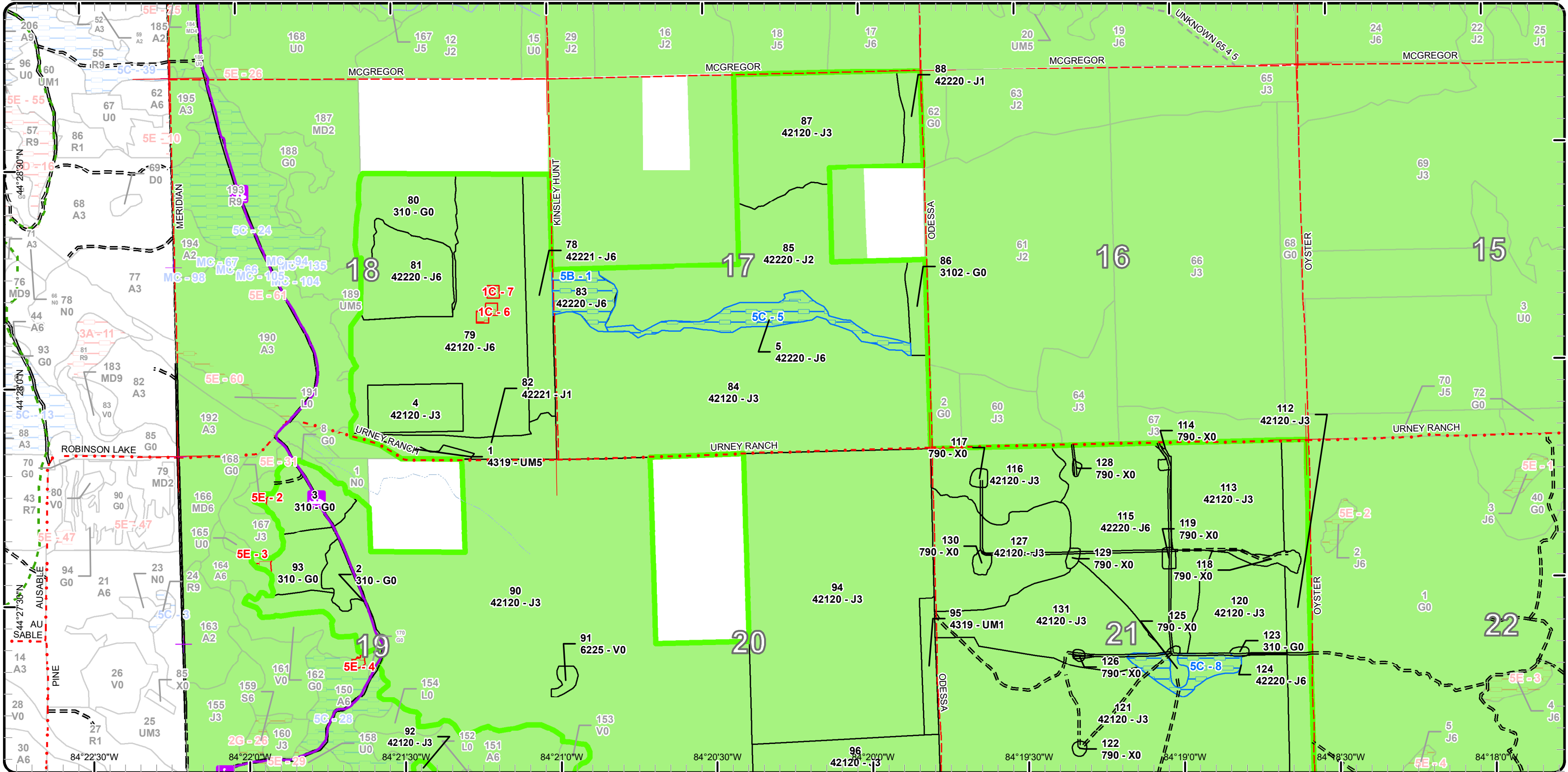


# Special Conservation Areas

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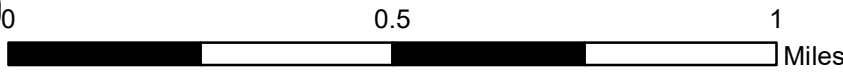
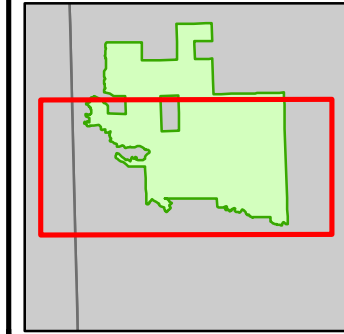
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- Snowmobile Trails
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- Designated Snowmobile Trails
- Intermittent Stream
- Compartment Boundary
- Available w/ Constraints
- 5B: Maintain for regeneration purposes
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 1C: Other dept or div proc/practices
- 5E: Long-Term Retention
- Stand Boundaries
- Kirtland Warbler Habitat



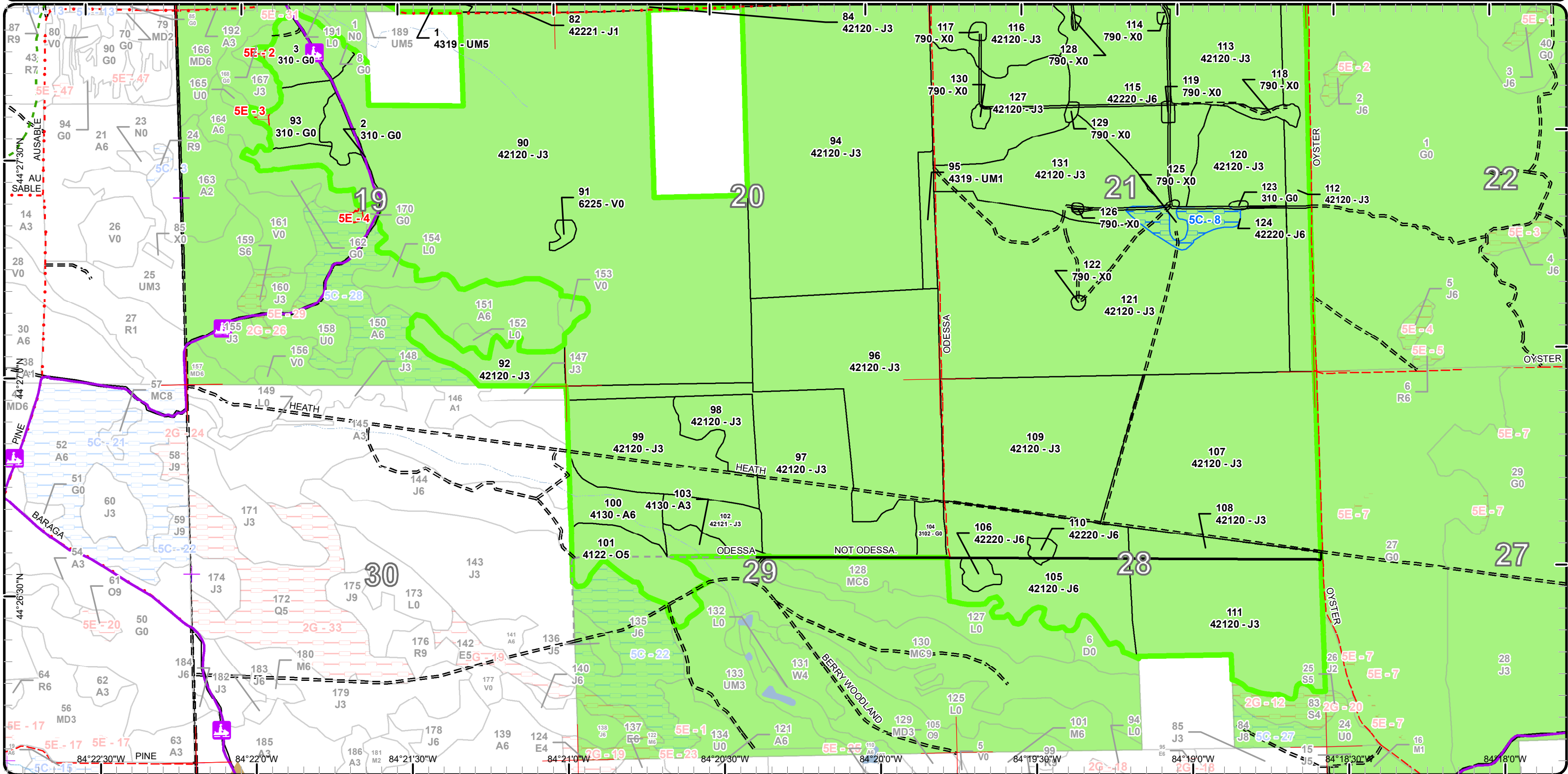


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**Report 1 – Total Acres by Cover Type and Age Class**



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Unnever-Aged	Total
Aspen	0	0	0	0	27	0	0	0	0	0	0	0	0	0	0	0	0	0	26
Bare/Sparsely Vegetated	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Bog	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Herbaceous Openland	96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	96
Jack Pine	0	0	24	1289	301	1054	0	11	7	32	0	0	0	0	0	0	0	0	2718
Oak	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30
Upland Mixed Forest	0	0	0	9	0	0	5	0	0	0	0	0	0	0	0	0	0	0	14
<b>Total</b>	<b>112</b>	<b>0</b>	<b>24</b>	<b>1328</b>	<b>328</b>	<b>1054</b>	<b>5</b>	<b>11</b>	<b>7</b>	<b>32</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2900</b>



## Report 2 – Treatment Summary

Roscommon Mgt. Unit  
Year of Entry: 2025

Acres of Harvest

Compartment 73  
Total Compartment Acres: 2,901

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

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
<b>Current</b>	0	0	0	0	0	19	59	0	24	<b>102</b>
<b>Next Step</b>	0	24	19	0	24	0	68	0	0	<b>135</b>
<b>Total</b>	<b>0</b>	<b>24</b>	<b>19</b>	<b>0</b>	<b>24</b>	<b>19</b>	<b>127</b>	<b>0</b>	<b>24</b>	<b>238</b>



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:**

82	71073082-NF	15.8	42221 - Natural Jack Pine, Mixed Deciduous	Sapling Poor	15	Immature	NonForestMgt	Other - Specify	3102 - Grass		No
<p><u>Prescription</u> Use mechanical means to clear stand for fuel break purposes. Periodically burn to maintain as grass afterwards.  <u>Specs:</u>  <u>Next Step</u> SitePrep, Other - Specify; Burn, Fuel Break  <u>Treatments:</u>  <u>Acceptable</u>  <u>Regen:</u>  <u>Other</u>  <u>Comment:</u>  <u>Site Condition</u>                      Proposed Start Date: 10/1 /2024</p>											
88	71073088-NF	8.3	42220 - Natural Jack Pine	Sapling Poor	15	Immature	NonForestMgt	Brush Cutting	3102 - Grass		No
<p><u>Prescription</u> Mechanically remove trees then periodically burn or mow for use as a fuel break.  <u>Specs:</u>  <u>Next Step</u> SitePrep, Other - Specify; Burn, Fuel Break  <u>Treatments:</u>  <u>Acceptable</u>  <u>Regen:</u>  <u>Other</u>  <u>Comment:</u>  <u>Site Condition</u>                      Proposed Start Date: 10/1 /2024</p>											

**Approved Treatments:**

2	71073002-Monitor	29.3	310 - Herbaceous Openland	Nonstocked	0			Monitoring	Artificial Regen(3yr)	42110 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u>  <u>Specs:</u>  <u>Next Step</u> Monitoring, Artificial Regen(1yr)  <u>Treatments:</u>  <u>Acceptable</u> Planted red pine 80%FTG.  <u>Regen:</u>  <u>Other</u> Percent to Treat = 100%  <u>Comment:</u>  <u>Site Condition</u>                      Proposed Start Date: 1 /1 /2024</p>												





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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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<b>3</b>	<b>71073003-Spray</b>	19.3	310 - Herbaceous Openland	Nonstocked	0		Pesticide	ERROR	4211 - Planted Red Pine	Two-Aged	No
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Prescription  
Specs:

Next Step ; ; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)  
Treatments:

Acceptable Planted red pine 80% FTG  
Regen:

Other Percent to Treat = 100%  
Comment:

Site Condition

Proposed Start Date: 1 /1 /2023

<b>80</b>	<b>71073080-Monitor</b>	29.6	310 - Herbaceous Openland	Nonstocked	0		Monitoring	Artificial Regen(3yr)	4211 - Planted Red Pine	Even-Aged	No
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Prescription  
Specs:

Next Step  
Treatments:

Acceptable Planted red pine 80% free to grow from competition.  
Regen:

Other Percent to Treat = 100%  
Comment:

Site Condition

Proposed Start Date: 1 /1 /2024

**Total Treatment Acreage Proposed: 102.3**

## Report 4 – Site Conditions

Roscommon Mgt. Unit  
Jason Lewicki : Examiner

Compartment: 73  
Year of Entry: 2025

### Availability for Management

Total Acres	Acres Available	Acres Avail		Acres Not Available		Dominant Site Conditions			
		With Condition				5B	5C	1C	5E
27	27	0	0	0	Aspen				
14	14	0	0	0	Bare/Sparsely Vegetated				
2	2	0	0	0	Bog				
96	94	0	2	2	Herbaceous Openland				2
2719	2673	44	2	2	Jack Pine	13	31	2	
30	30	0	0	0	Oak				
14	14	0	0	0	Upland Mixed Forest				
2,901	2,853	44	4	4	Total Forested Acres	13	31	2	2
	98%	2%	0%	0%	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	Dominant Site Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Available	5B: Maintain for regeneration purposes	13	Unspecified	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> 2 storied stand resulting from the Mech Fire								
2	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>								
3	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>								
4	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>								

## Report 4 – Site Conditions

Roscommon Mgt. Unit  
Jason Lewicki : Examiner

Compartment: 73  
Year of Entry: 2025

5	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	19	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
6	<b>Unavailable</b>	<b>1C: Other dept or div proc/practices</b>	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Roth 2017 thinning plots - MSU stand 11							
7	<b>Unavailable</b>	<b>1C: Other dept or div proc/practices</b>	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Roth 2017 thinning plots - MSU stand 11							
8	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	11	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

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

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### Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

Conservation Area	Type	Description
HCVA	Designated Critical Habitat	Critical habitat areas are established via a consultative and cooperative process between the DNR and the U.S. Fish and Wildlife service for the recovery of threatened and endangered species, as governed by Part 365, Endangered Species Protection, of the Natural Resources and Environmental Protection Act, 1994 PA 451, and the Federal Endangered Species Act of 1973. This is an active program, with proposed species plans in various stages of review. As of now only two exist, Kirtland Warbler Habitat and Piping Plover Habitat.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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<b>1</b>	4319 - Mixed Upland Forest	Poletimber Medium	4.8	57	51-80	N/A	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Jack Pine		40	Pole/Log/Sap	9	57	Jack Pine	Density
Pin Cherry		20	Sapling/Pole	4		Pin Cherry	Avg. Height
Quaking Aspen		20	Pole/Log	8	57	Oak (spp.)	Size
Red Pine		2	Log/Pole/XLog	14	100		
Northern Pin Oak		18	Log/Pole/Sap	10	100		

<b>2</b>	310 - Herbaceous Openland	Nonstocked	14.8	0		No	<p>natural jack pine with scattered small A6 clones and Oak SL, KOTAR type is PARVVb/Unknown and stand was not classified as KW habitat in the original KWMP, soils are Melita sands which are somewhat excessively drained, final harvest and plant RP if not KW habitat, mark oak or leave all oak for mast - Cut March/April 2016, left oak and R/W pine, middle 1/3rd to be planted to RP, north and south 1/3rd will be natural regeneration, south 1/3rd to be trenched for site prep to open cones and expose mineral soil.</p> <p>Site was just trenched to scarify soil to promote natural regeneration 2017. Failed, little amounts of oak came back mostly cherry brush. Per Chapter 7, 10/29/2020 this stand will be converted to red pine plantation.</p> <p>Site prep sprayed summer 2021. Planted 845 TPA spring 2022. Year 1 regen check was good.</p>
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<b>3</b>	310 - Herbaceous Openland	Nonstocked	20.3	0		No	<p>natural jack pine with scattered small A6 clones and Oak SL, KOTAR type is PARVVb/Unknown and stand was not classified as KW habitat in the original KWMP, soils are Melita sands which are somewhat excessively drained, final harvest and plant RP if not KW habitat, mark oak or leave all oak for mast - Cut March/April 2016, left oak and R/W pine, middle 1/3rd to be planted to RP, north and south 1/3rd will be natural regeneration, south 1/3rd to be trenched for site prep to open cones and expose mineral soil.</p> <p>Stand only regenerated to cherry. Site prep and convert site to red pine per Chapter 7, 10/29/2020.</p> <p>Roller chopped 07/21 Trenched June 2022</p>
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<b>4</b>	42120 - Planted Jack Pine	Sapling Well	20.2	28	Immature	N/A	<p>Planted to jack pine in 1994 in opposing weave pattern for KW. Stand to be masticated for MSU research study. Stand was dropped from research.</p>
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>		
Northern Pin Oak		3	Sapling	2			
Jack Pine		90	Sapling	3	28		
Pin Cherry		7	Sapling	2			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																						
5	42220 - Natural Jack Pine	Poletimber Well	19.3	85	51-80	N/A	Strip of mature, natural jack pine. Right, southern flank of the 1998 "Mech" fire.																																						
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Pin Cherry	Low	5 - 10 feet	Sapling																																										
78	42221 - Natural Jack Pine, Mixed Deciduous	Poletimber Well	28.9	29	Immature	N/A	Was to be left as a fuel-break but was not maintained. It is densely forested and would be unwise to try and burn. Need to look at other mechanical means.																																						
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79	42120 - Planted Jack Pine	Poletimber Well	116.8	28	51-80	N/A	planted to jack pine in 1994 in opposing weave pattern for KW																																						
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80	310 - Herbaceous Openland	Nonstocked	29.6	0		No	roller chopped. Trenched by contractor in May 2020. Site prep sprayed summer 2021. Planted 877 TPA spring 2022. Year 1 regen check was good.																																						
81	42220 - Natural Jack Pine	Poletimber Well	32.6	45	1-50	N/A	Stand appears to be a natural Jack pine stand. Old notes indicate a harvest around 2000. Stand now has areas of poletimber and a younger sapling class.																																						
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82	42221 - Natural Jack Pine, Mixed Deciduous	Sapling Poor	15.8	15	Immature	N/A	Fuel break																																						
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Pin Cherry	28	Sapling	1																																										
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
<b>83</b>	42220 - Natural Jack Pine	Poletimber Well	13.2	85	51-80	N/A	Stand is 2 aged as thus area back burned in 1998 Mech Fire.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Jack Pine		15	Sapling	2	25	Black/Red (Hybrid) Oak	
Jack Pine		85	Pole/Log	8	85	Pin Cherry	
						Jack Pine	
						Density	
						Avg. Height	
						Size	
						Low	
						5 - 10 feet	
						Sapling	
						High	
						5 - 10 feet	
						Sapling	
<b>84</b>	42120 - Planted Jack Pine	Sapling Well	205.8	21	Immature	N/A	Old notes say this stand was seeded may 2002 to jack pine for Kirtlands Warbler habitat
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>		
Pin Cherry		2	Sapling	1			
Black/Red (Hybrid) Oak		8	Sapling	2			
Jack Pine		90	Sapling	2	21		
<b>85</b>	42220 - Natural Jack Pine	Sapling Medium	99.2	25	Immature	N/A	natural jack pine from 1998 Mech Fire
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>		
Black/Red (Hybrid) Oak		5	Sapling	1			
Jack Pine		93	Sapling	1	25		
Pin Cherry		2	Sapling	1			
<b>86</b>	3102 - Grass	Nonstocked	7.8			Managed Opening	fuelbreak with scattered JP/Oak saps
<b>87</b>	42120 - Planted Jack Pine	Sapling Well	81.9	21	Immature	N/A	seeded may 2002 to jack pine for KW
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>		
Black/Red (Hybrid) Oak		8	Sapling	2			
Jack Pine		90	Sapling	2	21		
Pin Cherry		2	Sapling	1			
<b>88</b>	42220 - Natural Jack Pine	Sapling Poor	8.3	15	Immature	N/A	fuelbreak
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>		
Pin Cherry		2	Sapling	1			
Jack Pine		90	Sapling	1	15		
Black/Red (Hybrid) Oak		8	Sapling	1			
<b>90</b>	42120 - Planted Jack Pine	Sapling Well	428.4	27	Immature	N/A	planted to jack pine for KW after fall 1994 cut
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>		
Black/Red (Hybrid) Oak		10	Sapling	1	28		
Jack Pine		85	Sapling/Pole	3	27		
Quaking Aspen		5	Sapling/Pole	3	28		
<b>91</b>	6225 - Bog	Nonstocked	2.2			No	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																				
<b>92</b>	42120 - Planted Jack Pine	Sapling Well	23.0	26	1-50	N/A	J3 stand, but appears to be not planted to the KW weave																				
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Jack Pine	90	Sapling	3	26																							
<b>93</b>	310 - Herbaceous Openland	Nonstocked	15.7	0		No	<p>natural jack pine with scattered small A6 clones and Oak SL, KOTAR type is PARVVb/Unknown and stand was not classified as KW habitat in the original KWMP, soils are Melita sands which are somewhat excessively drained, final harvest and plant RP if not KW habitat, mark oak or leave all oak for mast - Cut March/April 2016, left oak and R/W pine, middle 1/3rd to be planted to RP, north and south 1/3rd will be natural regeneration, south 1/3rd to be trenched for site prep to open cones and expose mineral soil.</p> <p>Stand planted in 2017 and had first year regen. survey done in spring 2018 and failed. Per Chapter 7 on 10/29/2020 the site will be herbicide for site prep and replanted to red pine. Site prep sprayed summer 2021. Planted 845 TPA spring 2022. Year 1 regen check was good.</p>																				
<b>94</b>	42120 - Planted Jack Pine	Sapling Well	232.1	28	Immature	N/A	Jack Pine plantation that was harvested in 1995 and planted in 1995 according to FTP W-11-562.																				
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<b>95</b>	4319 - Mixed Upland Forest	Sapling Poor	8.9	28	Immature	N/A	Small open stand that may have been a fire break, it is barely 25% forested.																				
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<b>97</b>	42120 - Planted Jack Pine	Sapling Well	92.7	30	Immature	N/A	Jack pine stand that was planted in the spring of 1993. This stand is managed for the Kirtland's warbler.																				
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<b>98</b>	42120 - Planted Jack Pine	Sapling Well	19.1	29	Immature	N/A	Jack pine stand that was trenched and planted the year of origin is 1994.																																	
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<b>99</b>	42120 - Planted Jack Pine	Sapling Well	61.0	30	Immature	N/A	Jack Pine stand with super canopy pin oak. Jack Pine planted in spring 1993.																																	
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Pin Cherry	Low	< 5 feet	Sapling																																					
<b>100</b>	4130 - Aspen	Poletimber Well	18.5	39	51-80	N/A	Low quality quaking aspen stand. Some scattered, older log sized trees. Small drainage that runs through the stand. completely dry at time of inventory. Harvest next entry.																																	
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<b>101</b>	4122 - Oak, Pine	Poletimber Medium	29.8	24	1-50	N/A	This stand was regenerated in 1998. Low quality stump sprout oak mixed with natural jack pine. The oak is just entering poletimber size class.																																	
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<b>102</b>	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Well	16.5	33	Immature	N/A	This jack pine stand was regenerated in 1990. Parts of this stand have pockets of cherry.																																	
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<b>103</b>	4130 - Aspen	Sapling Well	8.0	33	1-50	N/A	Small aspen stand of poor quality. Looks like an old landing sight in the southwest part of the stand. There is a drainage within the stand which sometimes contains water depending on beaver activity .																																	
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<b>104</b>	3102 - Grass	Nonstocked	7.2			No																																		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																												
<b>105</b>	42120 - Planted Jack Pine	Poletimber Well	80.2	42	1-50	N/A	Kirtland's warbler jack pine plantation. Just entering poletimber size class.																												
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<b>106</b>	42220 - Natural Jack Pine	Poletimber Well	4.5	73	51-80	N/A	A small, mature jack pine stand that was not harvested when the surrounding plantation was established.																												
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<b>107</b>	42120 - Planted Jack Pine	Sapling Well	144.8	42	1-50	N/A	Jack pine plantation that is being managed for the Kirtland's warbler. Low quality site.																												
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<b>109</b>	42120 - Planted Jack Pine	Sapling Well	109.1	42	1-50	N/A	Jack pine plantation that is managed for the Kirtland's warbler. Average diameter is 4 to 5 inches. Maybe 30-40% poletimber.																												
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<b>110</b>	42220 - Natural Jack Pine	Poletimber Well	2.5	73	51-80	N/A	A small, mature jack pine stand that was not harvested when the surrounding plantation was established.																												
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<b>111</b>	42120 - Planted Jack Pine	Sapling Well	96.0	42	1-50	N/A	Jack pine plantation that is being managed for the Kirtland's warbler.																												
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
<b>112</b>	42120 - Planted Jack Pine	Sapling Well	39.7	44	1-50	N/A	Proposed fuel break.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>		
Jack Pine		98	Sapling/Pole	3	44		
Pin Cherry		2	Sapling	2			
<b>113</b>	42120 - Planted Jack Pine	Sapling Well	55.5	44	1-50	N/A	Planted to JP for KW but in strips not opposing weave pattern. High density low end site.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>		
Jack Pine		93	Sapling/Pole	4	44		
Pin Cherry		2	Sapling	2			
Black/Red (Hybrid) Oak		5	Sapling	3			
<b>Sub-Canopy Species</b>		<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>			
Pin Cherry		Low	< 5 feet	Sapling			
<b>114</b>	790 - Other Bare/Sparsely Vegetated	Nonstocked	1.0				Old oil well site with pump still on site. Permit # 18379
<b>115</b>	42220 - Natural Jack Pine	Poletimber Well	82.4	44	1-50	N/A	Low quality jack pine stand. Appears to be natural J3 from roller-chopping in 1979 but may have had some supplemental planting done. Stand currently has an outbreak of jack pine budworm that is doing significant damage.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>		
Pin Cherry		2	Sapling	2			
Jack Pine		98	Pole/Sapling	5	44		
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Pin Cherry		Low	Variable	Sapling			
Jack Pine		Low	5 - 10 feet	Sapling			
<b>116</b>	42120 - Planted Jack Pine	Sapling Well	33.8	28	Immature	N/A	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>		
Jack Pine		95	Sapling	3	28		
Black/Red (Hybrid) Oak		2	Sapling	2			
Pin Cherry		3	Sapling	2			
<b>117</b>	790 - Other Bare/Sparsely Vegetated	Nonstocked	1.3				Oil well site. Permit # 33581
<b>118</b>	790 - Other Bare/Sparsely Vegetated	Nonstocked	3.7				Grassy opening and scattered, wolfy jack pine. Old, inactive oil pump site in part of the stand.
<b>119</b>	790 - Other Bare/Sparsely Vegetated	Nonstocked	1.2				Old oil eell site permit # 17583
<b>120</b>	42120 - Planted Jack Pine	Sapling Well	36.9	44	1-50	N/A	Stand is currently getting damage from the jack pine budworm.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>		
Pin Cherry		5	Sapling	2			
Jack Pine		95	Sapling/Pole	3	44		
<b>Sub-Canopy Species</b>		<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>			
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Jack Pine		Low	< 5 feet	Sapling			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																											
<b>121</b>	42120 - Planted Jack Pine	Sapling Well	248.1	44	1-50	N/A	Low quality jack pine just entering poletimber size class in some trees.																											
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<b>122</b>	790 - Other Bare/Sparsely Vegetated	Nonstocked	0.8				An old well site that was shut-in. Currently inactive. Being used as a storage field for old gas well infrastructure.																											
<b>123</b>	310 - Herbaceous Openland	Nonstocked	0.7				Oil well site. Permit # 19183																											
<b>124</b>	42220 - Natural Jack Pine	Poletimber Well	11.3	62	51-80	N/A	Small stand of natural jack pine. Harvest with adjoining KW block.																											
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<b>125</b>	790 - Other Bare/Sparsely Vegetated	Nonstocked	2.4				Oil well site. Multiple tanks battery.																											
<b>126</b>	790 - Other Bare/Sparsely Vegetated	Nonstocked	0.5				Active oil well site. Permit # 17656																											
<b>127</b>	42120 - Planted Jack Pine	Sapling Well	53.9	40	1-50	N/A	Trees cored at 40 years old or approximately 1982 year of origin																											
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<b>128</b>	790 - Other Bare/Sparsely Vegetated	Nonstocked	0.5				Oil well site. Permit # 30704																											
<b>129</b>	790 - Other Bare/Sparsely Vegetated	Nonstocked	1.0				Old oil well site. Records state the well was shut in, but no date given when. Permit # 17394																											
<b>130</b>	790 - Other Bare/Sparsely Vegetated	Nonstocked	1.6				Well site. Permit #33582																											
<b>131</b>	42120 - Planted Jack Pine	Sapling Well	57.6	44	1-50	N/A	Planted to jack pine for KW but planted in strips not opposing weave pattern resulting in areas heavy to J3 other areas which are more open. Stand is currently experiencing a outbreak of jack pine budworm.																											
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