



Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54138

Entry Year 2019

Acreage: 1,680

County Presque Isle

Management Area: Cheboygan Lake Plain

Revision Date: 2017-05-24

Stand Examiner: Chad Fate

Legal Description:

T-34-N, R-04-E, Sections 8, 16, 17, 20 & 21

Identified Planning Goals:

The main goal in this compartment is to conduct multiple resource management for the good of the citizens of the State of Michigan. Aspen, oak red pine and jack pine are the major cover types. Two areas, one to the north and one to the south west, contain swamp conifers.

Soil and topography:

Rubicon-Cheboygan-Graycalm association soils dominate the compartment. Lowlands are predominantly Tawas muck. Topography varies from nearly level to steep, excessively well drained to well drained, sandy soils on moraines, drumlins, outwash plains and till plains.

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

The largest block of state land is located in the northwest, connected to the adjacent compartment 137. Private ownership is mostly hunting camps. Several Resource Damage Reports are on file, damage due to illegal off road activity.

Unique Natural Features:

Reported by MNFI

Archeological, Historical, and Cultural Features:

There is potential but there are none known.

Special Management Designations or Considerations:

None.

Watershed and Fisheries Considerations:

None.

Wildlife Habitat Considerations:

This compartment is an excellent opportunity to manage for wildlife. It is part of a multiple compartment, large scale block of public land providing contiguous wildlife pathways that are necessary for many of our large game animals such as black bear. Habitat components of oak, aspen and pine provide food and cover for multiple species at a variety of age classes. We are working to maintain mast producing trees as well as keep a good age rotation of aspen in this compartment with consideration of adjacent compartments. Species which benefit from our management include white-tailed deer, black bear, ruffed grouse, woodcock, and many other game and non-game species.

Mineral Resource and Development Concerns and/or Restrictions

There is no metallic mineral potential in this part of the state. A former sand/gravel pit is located just to the west, in Section 19, but sand and gravel potential within the compartment appears to be limited. Limestone is quarried less than eight miles to the northeast, but bedrock is likely buried too deeply here to have significant economic value and development is unlikely. The compartment is located in the Niagaran reef trend and there has been past production. All wells in the area are currently plugged and abandoned and there are no active leases on State land. However, there may yet be potential for additional Silurian Guelph (Niagaran) reefs.

Vehicle Access:

Peltz Road and Richard Lake Road are the two main roads within this compartment. There are many 2-tracks and illegal ORV trails throughout.

Survey Needs:

Possible timber trespass on east side of the compartment but survey is not needed at this time.

Recreational Facilities and Opportunities:

There are snowmobile trails to the west and to the south of the compartment but none within the compartment.

Fire Protection:

Onaway Field Office

Additional Compartment Information:

The following reports from the Inventory are attached:

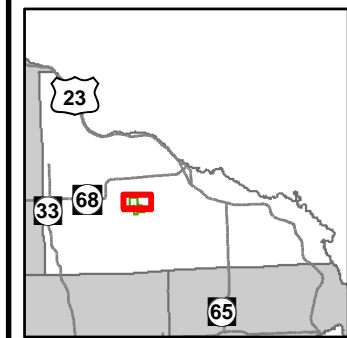
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

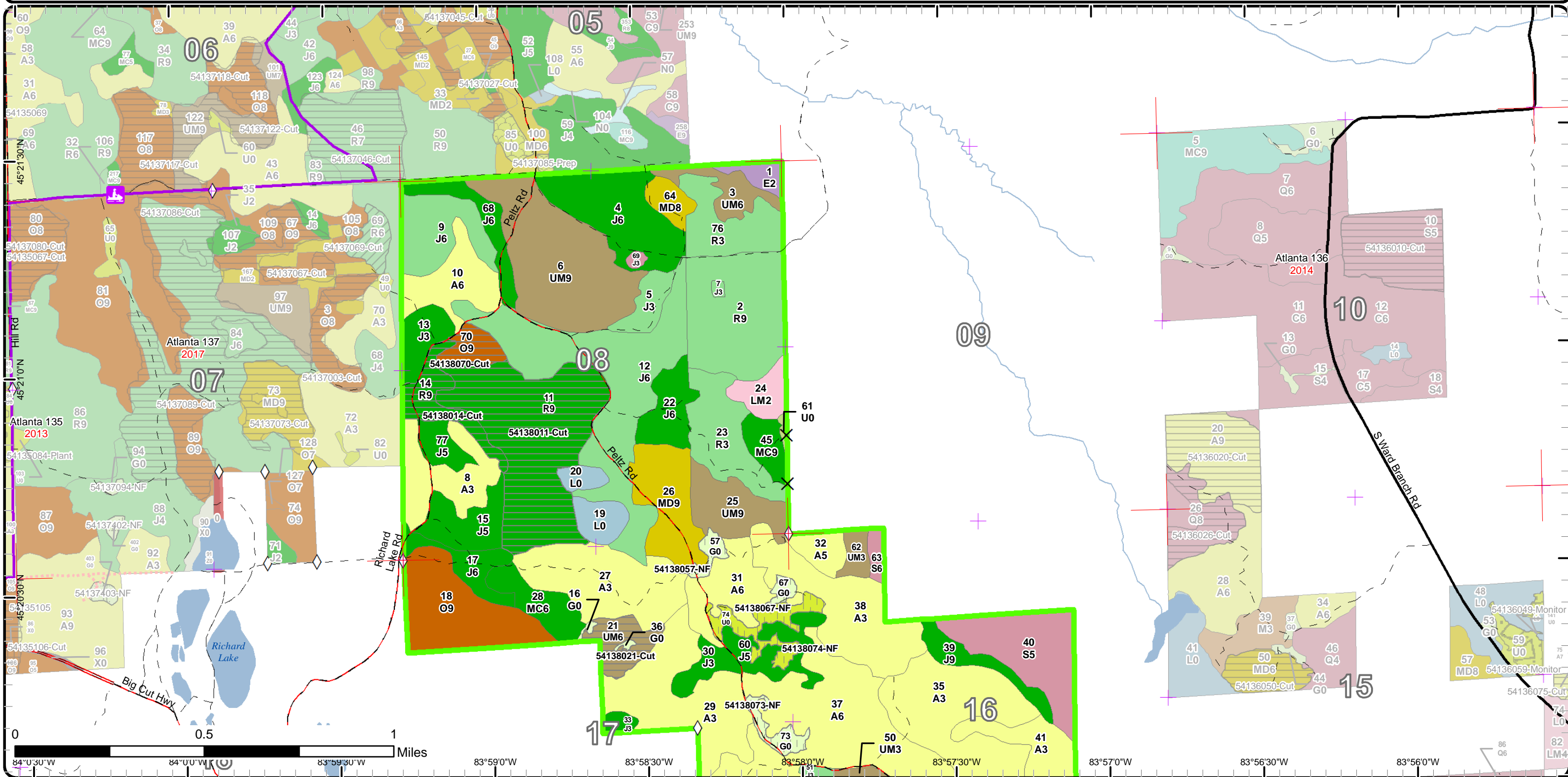
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

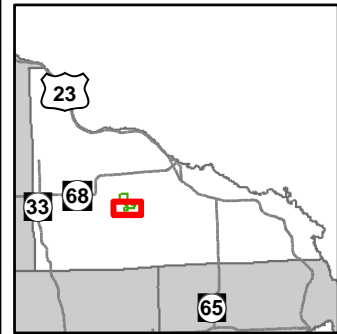
Compartment: 138
 T34N, R04E, Sec: 8, 16, 17, 20, 21
 County: Presque Isle
 Unit: Atlanta
 Mgmt Area: Cheboygan Lake Plain
 Plain
 YOE: 2019
 Acres: 1680.4 GIS Calculated
 Examiner: Chad Fate
 Map Revised: 10/4/2017
 Map Phase: Post-Review



- Miris Corners
- + Remonumented Section Corners
- ◇ Field Grade GPS Corners
- Counties
- ✕ Gate
- Snowmobile Trails
- Designated Snowmobile Trails
- Paved Roads
- County Gravel Roads
- County Poor Dirt Roads
- - - Poor Dirt Roads
- ⋯ Closed
- Streams
- Lakes and Rivers All
- Compartment Boundary
- Clearcut (w/Reserves)
- Opening Maintenance
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low Density Trees
- 622 - Lowland Shrub
- Lakes

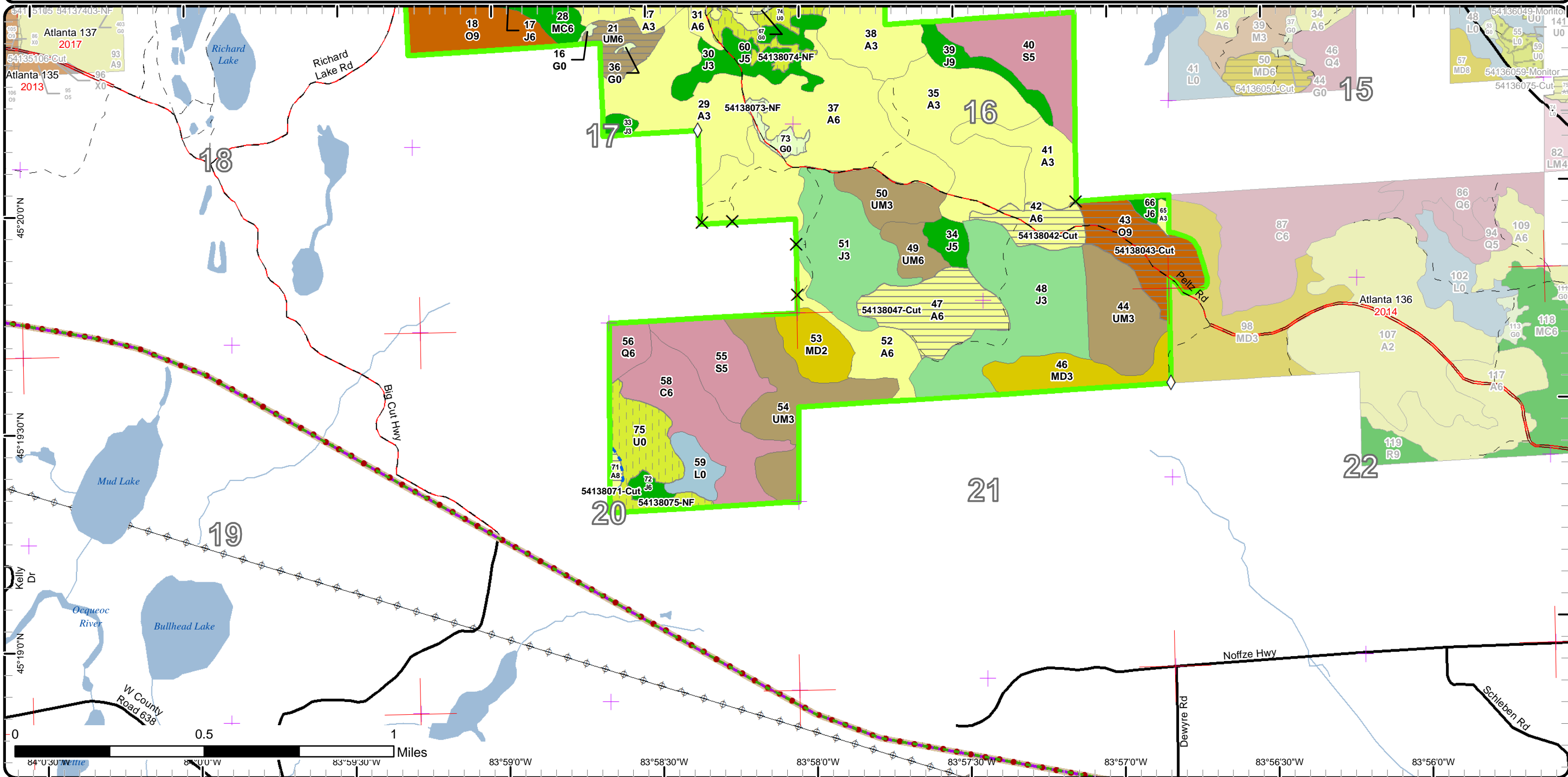


Cover Type & Treatments Map



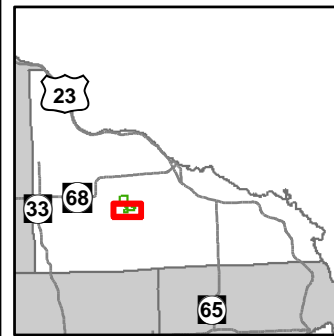
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- - Designated Railtrail
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- ⊕ Powerline
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- Treatments with Site Conditions
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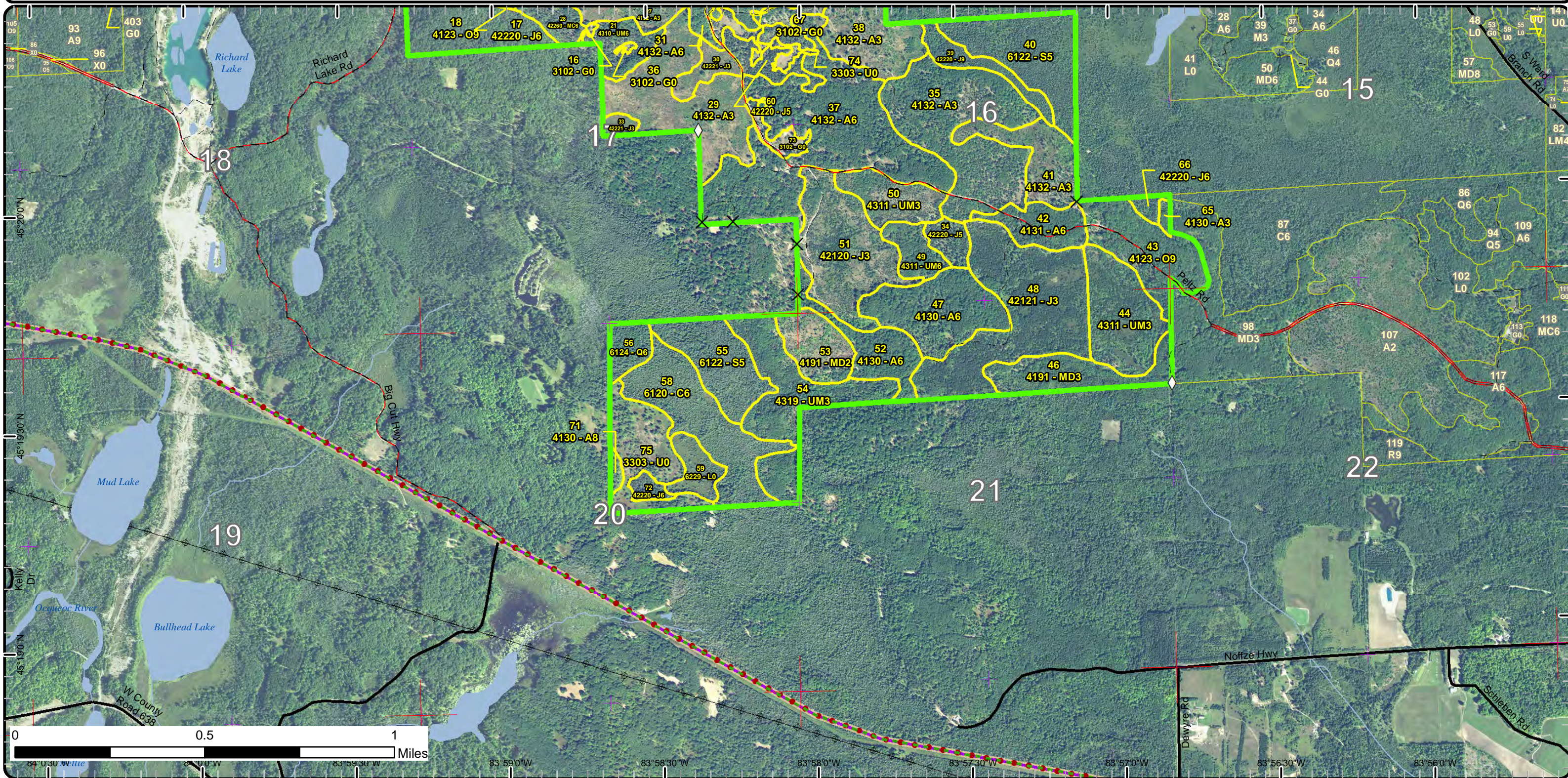


Stand Boundary Map

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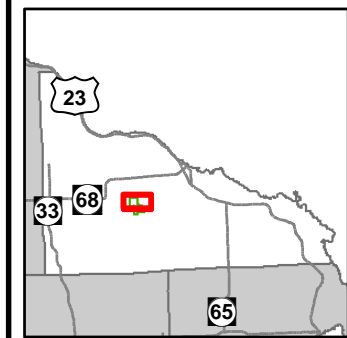


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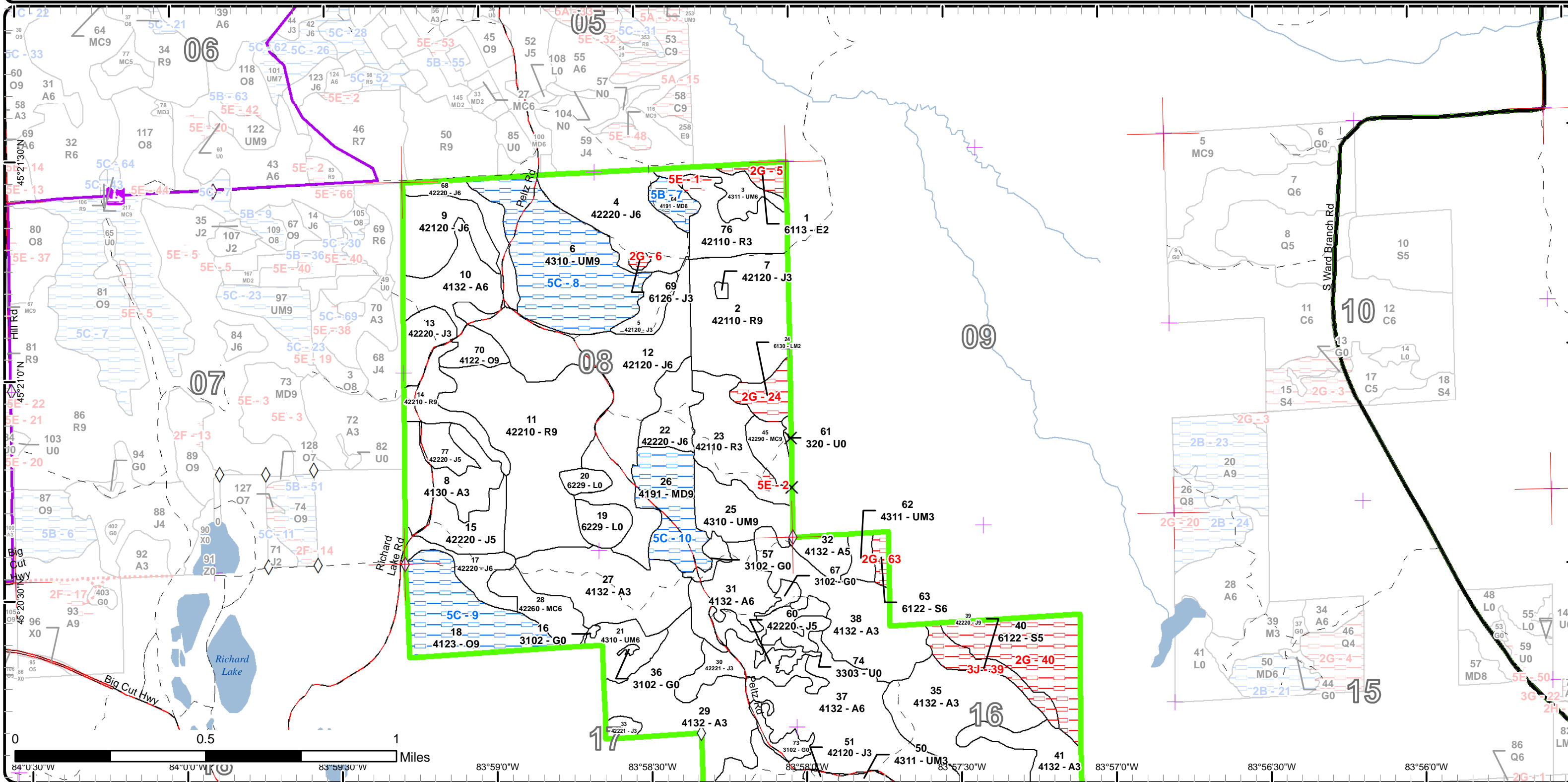


Special Conservation Areas & Site Conditions Map

Compartment: 138
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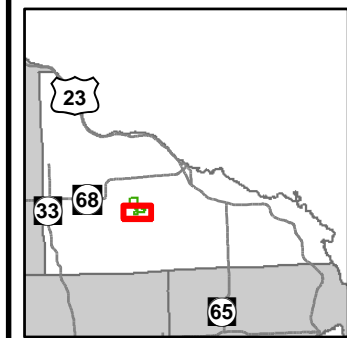


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- X Gate
- Snowmobile Trails
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- County Gravel Roads
- County Poor Dirt Roads
- Poor Dirt Roads
- Closed
- Streams
- Lakes and Rivers All
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 5B: Maintain for regeneration purposes
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 2G: Too wet (sensitive soils, does not include access issues)
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- Stand Boundaries
- Natural Beauty Roads
- Cold Water Streams

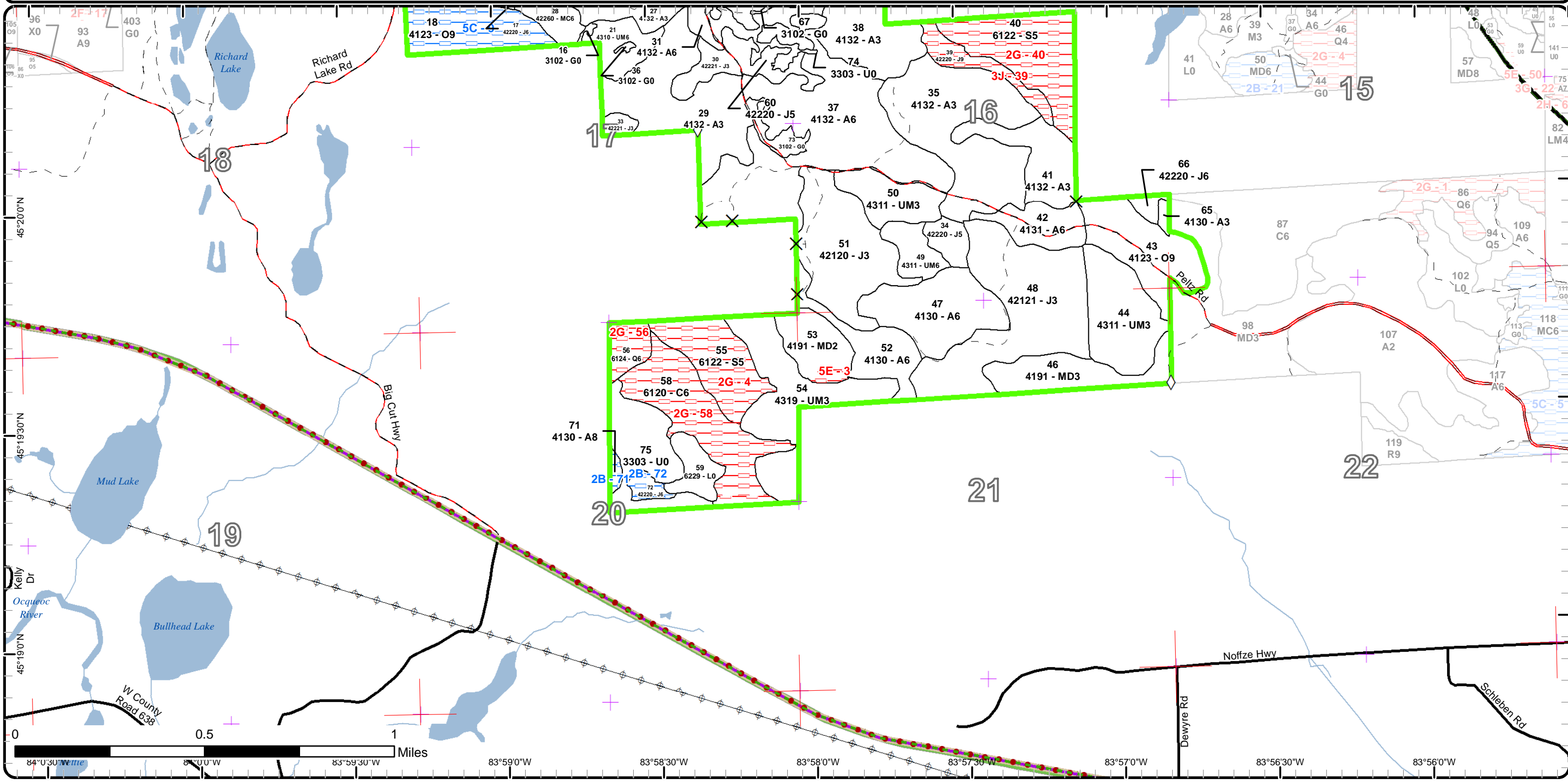


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- Available w/ Constraints
- Unavailable
- 5C: Delay treatment for age/size class diversity or exceptional site quality
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- 5E: Long-Term Retention
- Stand Boundaries
- Natural Beauty Roads
- Cold Water Streams
- Rail-Trail Corridor



Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	162	0	101	23	185	2	0	0	0	0	0	0	0	0	0	0	0	473
Cedar	0	0	0	0	0	0	0	0	0	0	43	0	0	0	0	0	0	0	43
Herbaceous Openland	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Jack Pine	0	11	46	156	118	34	17	0	0	14	0	0	0	0	0	0	0	0	396
Low-Density Trees	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	9
Lowland Deciduous	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Lowland Mixed Forest	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Lowland Shrub	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	68	0	0	0	0	0	0	0	0	0	68
Mixed Upland Deciduous	0	18	0	24	0	0	0	0	0	35	0	0	0	0	0	0	0	0	77
Natural Mixed Pines	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	15	24
Oak	0	0	0	0	0	0	0	0	32	49	0	0	0	0	0	0	0	0	81
Red Pine	0	52	0	0	0	0	0	15	51	80	0	0	0	0	0	0	0	0	198
Upland Mixed Forest	0	0	51	60	0	10	0	0	21	77	0	0	0	0	0	0	0	0	219
Upland Shrub	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	78	243	97	347	151	229	19	15	181	255	52	0	0	0	0	0	0	15	1682



Report 2 – Treatment Summary

Atlanta Mgt. Unit

Year of Entry: 2019

Acres of Harvest

Compartment 138

Total Compartment Acres: 1,680

Commercial Harvest - 198
 Harvests with Site Condition - 0
 Next Step Harvest - 0
 Habitat Cut - 2

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	53	0	0	0	0	0	0	0	0	53
Oak	40	0	0	0	0	0	0	0	0	40
Red Pine	95	0	0	0	0	0	0	0	0	95
Upland Mixed Forest	12	0	0	0	0	0	0	0	0	12
Total	201	0	0	0	0	0	0	0	0	201

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	201	0	0	0	0	0	0	52	0	253
Next Step	0	95	95	0	0	95	295	0	0	580
Total	201	95	95	0	0	95	295	0	52	833



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	Approval Status
11	54138011-Cut	79.9	42210 - Natural Red Pine	Sawtimber Well	81	111- 140	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Clearcut, leave retention pockets near lowland stands 19 and 20. Chip tops and cut stumps low. Trench and replant to red pine.

Specs:

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

Acceptable well stocked stand of planted red pine

Regen:OtherComment:

Proposed Start Date: 10/01/2018

14	54138014-Cut	14.9	42210 - Natural Red Pine	Sawtimber Well	68	111- 140	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Clearcut, leave retention on northern tip of the stand. Chip tops and cut stumps low. Trench and replant to red pine.

Specs:

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

Acceptable Well stocked stand of planted red pine

Regen:OtherComment:

Proposed Start Date: 10/01/2018

21	54138021-Cut	12.2	4310 - Pine, Oak Mix	Poletimber Well	80	51-80	Harvest	Clearcut with Retention	42260 - Natural Pine, Mixed Deciduous	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription clearcut, leave retention pocket near private property. access from the north in stand 27. Slope going down to the stand, the landing may need to

Specs: be in stand 27

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

Acceptable a mix of jack pine and oak with some aspen, red pine, and/or white pine present

Regen:OtherComment:

Proposed Start Date: 10/01/2018

42	54138042-Cut	15.6	4131 - Aspen, Oak	Poletimber Well	47	81-110	Harvest	Clearcut with Retention	4131 - Aspen, Oak	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Clearcut, leave retention island near road for visual.

Specs:

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

Acceptable Medium to well stocked stand of aspen with oak and jack pine mixed

Regen:OtherComment:

Proposed Start Date: 10/01/2018



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	Approval Status
43	54138043-Cut	32.1	4123 - Red Oak	Sawtimber Well	79	51-80	Harvest	Clearcut with Retention	4121 - Oak, Aspen	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Clearcut, focus retention pocket on steeper slopes or near the private property.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any mix of oak, aspen, and jack pine

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018

47	54138047-Cut	35.6	4130 - Aspen	Poletimber Well	41	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription clearcut, leave retention in one island.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Medium to well stocked stand of aspen with jack pine and oak mixed in

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018

57	54138057-NF	3.9	3102 - Grass	Nonstocked			NonForestMgt	Herbaceous/Crop /Grass Planting	3102 - Grass		Approved Proposal
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Habitat Cut: No**Site Condition:**

Prescription Opening will be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018

67	54138067-NF	2.6	3102 - Grass	Nonstocked			NonForestMgt	Herbaceous/Crop /Grass Planting	3102 - Grass		Approved Proposal
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Habitat Cut: No**Site Condition:**

Prescription Opening will be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018



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	Approval Status
70	54138070-Cut	8.2	4122 - Oak, Pine	Sawtimber Well	86	51-80	Harvest	Clearcut with Retention	4122 - Oak, Pine	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Clearcut, no retention due to small stand size.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable A mix of oak, pine, and aspen

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018

71	54138071-Cut	2.0	4130 - Aspen	Sawtimber Medium	51	1-50	Harvest	Clearcut	413 - Aspen	Even-Aged	Draft Field Boundary
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Habitat Cut: Yes**Site Condition: Unknown Access**

Prescription Clearcut non-commercially if stand 75 is treated with opening maintenance. No retention is necessary due to small size and deteriorating conditions.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen and Jack pine. Low density or scattered mixed trees is also acceptable due small size and wildlife objectives of adjacent stand.

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018

73	54138073-NF	5.7	3102 - Grass	Nonstocked			NonForestMgt	Herbaceous/Crop /Grass Planting	3102 - Grass		Approved Proposal
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Habitat Cut: No**Site Condition:**

Prescription Opening will be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018

74	54138074-NF	12.0	3303 - Mixed Low Density Trees	Nonstocked			NonForestMgt	Herbaceous/Crop /Grass Planting	330 - Low- Density Trees		Approved Proposal
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Habitat Cut: No**Site Condition:**

Prescription Opening will be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018



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	Approval Status
75	54138075-NF	28.1	3303 - Mixed Low Density Trees	Nonstocked			NonForestMgt	Herbaceous/Crop /Grass Planting	330 - Low- Density Trees		Approved Proposal

Habitat Cut: No**Site Condition:**

Prescription Opening will be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture
Specs: practices

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/01/2018

**Total Treatment
 Acreage Proposed: 252.8**

Report 4 – Site Conditions

Atlanta Mgt. Unit
Chad Fate : Examiner

Compartment: 138
Year of Entry: 2019

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions						
		With Condition	Not Available		2B	5B	5C	2G	3J	5E	
473	471	2	0	Aspen	2						
43	0	0	43	Cedar				43			
13	13	0	0	Herbaceous Openland							
396	301	4	92	Jack Pine	4			1	11	79	
40	40	0	0	Low-Density Trees							
9	0	0	9	Lowland Conifers				9			
6	0	0	6	Lowland Deciduous				6			
10	0	0	10	Lowland Mixed Forest				10			
24	24	0	0	Lowland Shrub							
68	0	0	68	Lowland Spruce/Fir				68			
77	24	35	18	Mixed Upland Deciduous		7	28				18
24	24	0	0	Natural Mixed Pines							
81	40	40	0	Oak			40				
197	146	0	52	Red Pine							52
220	155	65	0	Upland Mixed Forest			65				
1	1	0	0	Upland Shrub				0			
1,680	1,237	146	296	Total Forested Acres	6	7	134	137	11	149	
	74%	9%	18%	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:							
2	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Atlanta Mgt. Unit
Chad Fate : Examiner

Compartment: 138
Year of Entry: 2019

3	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	27	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Available	5B: Maintain for regeneration purposes	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	65	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Atlanta Mgt. Unit
Chad Fate : Examiner

Compartment: 138
Year of Entry: 2019

9	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	41	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	28	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
24	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
39	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
40	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	37	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
56	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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58	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	43	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
63	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
71	Available	2B: Unknown if access through adjacent landowner(s) is possible	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
72	Available	2B: Unknown if access through adjacent landowner(s) is possible	4	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
Comments				



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

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

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Report 7 – Forested Stands

Compartment: 138
Year of Entry: 2019

Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
6113 - Lowland Maple	Sapling Medium	5.7	24	Immature	
42110 - Planted Red Pine	Sawtimber Well	50.7	77	141-170	THINNED IN 92.
4311 - Pine, Aspen Mix	Poletimber Well	11.4	25	Immature	EAST PART HARVESTED IN 1992. PARTIALLY PLANTED TO JP. Stand is a mix of jack pine and aspen, heavier to aspen on the west side
42220 - Natural Jack Pine	Poletimber Well	38.0	26	1-50	
42120 - Planted Jack Pine	Sapling Well	9.1	23	Immature	MACHINE TRENCHED AND HAND PLANTED AUGUST 1994
4310 - Pine, Oak Mix	Sawtimber Well	65.1	82	81-110	Poor quality stems in places, extremely variable size and density with open areas
42120 - Planted Jack Pine	Sapling Well	0.9	23	Immature	Old landing, planted in 1994.
4130 - Aspen	Sapling Well	25.4	25	Immature	
42120 - Planted Jack Pine	Poletimber Well	23.6	34	1-50	PLANTED W/ WHITFIELD PLANTERS IN SPRING OF 1983. Pole sized trees along edges.
4132 - Aspen, Jack Pine	Poletimber Well	22.1	47	1-50	Highly variable stand with open areas throughout. Signs of fire, plow furrows and charred stumps. Some areas of larger trees (jack pine and aspen). Oak saw timber in overstory.
42210 - Natural Red Pine	Sawtimber Well	79.9	81	111-140	pockets of jack pine and red oak
42120 - Planted Jack Pine	Poletimber Well	79.1	33		
42220 - Natural Jack Pine	Sapling Well	11.4	28	1-50	
42210 - Natural Red Pine	Sawtimber Well	14.9	68	111-140	THINNED IN 1991, some oak in overstory. Some hills. Jack pine is mostly on the north end.
42220 - Natural Jack Pine	Poletimber Medium	17.0	25	Unspecified	
42220 - Natural Jack Pine	Poletimber Well	11.9	44	51-80	
4123 - Red Oak	Sawtimber Well	40.5	84	81-110	SOME ASPEN CLONES IN EAST END. STEEP SLOPES



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
21	4310 - Pine, Oak Mix	Poletimber Well	12.2	80	51-80	Some steep slopes
22	42220 - Natural Jack Pine	Poletimber Well	15.2	46	51-80	
23	42110 - Planted Red Pine	Sapling Well	28.3	3	Immature	Clearcut completed 3/29/2012. Submitted FTP C-54-969 for trenching and planting to RP on 7/13/2012. KKA: 29 acres treated, rest is still part of this stand.
24	6130 - Fir, Aspen, Maple	Sapling Medium	9.7	32	1-50	
25	4310 - Pine, Oak Mix	Sawtimber Well	21.1	74	81-110	
26	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	28.1	85	51-80	
27	4132 - Aspen, Jack Pine	Sapling Well	43.9	7	Immature	clearcut completed 2010- 54-017-09-01
28	42260 - Natural Pine, Mixed Deciduous	Poletimber Well	14.6	87	81-110	SOME VERY STEEP SLOPES. Stand is variable with open sparse areas, dense areas and variable species mix throughout.
29	4132 - Aspen, Jack Pine	Sapling Well	50.6	7	Immature	clearcut completed 2010- 54-017-09-01
30	42221 - Natural Jack Pine, Mixed Deciduous	Sapling Well	7.9	7	Immature	clearcut completed 2010- 54-017-09-01
31	4132 - Aspen, Jack Pine	Poletimber Well	22.6	38	51-80	Some scattered mature oak in overstory.
32	4132 - Aspen, Jack Pine	Poletimber Medium	8.4	29	1-50	
33	42221 - Natural Jack Pine, Mixed Deciduous	Sapling Well	2.9	7	Immature	Steep slopes, clearcut completed 2010- 54-017-09-01
34	42220 - Natural Jack Pine	Poletimber Medium	7.1	43	1-50	Sparse in areas.
35	4132 - Aspen, Jack Pine	Sapling Well	66.0	22	Immature	OPIC - FMD: A3 with areas of U-type. SCATTERED 01 AND J1.
37	4132 - Aspen, Jack Pine	Poletimber Well	91.8	42	81-110	OAK DENSITY VARIABLE. YOUNG ASPEN CLONES NEAR CENTER OF STAND. Stand contains some jack pine. Portions of stand more like an oak savannah.
38	4132 - Aspen, Jack Pine	Sapling Well	44.8	7	Immature	5 spots totaling 9 acres cut 2001. shelterwood prep cut completed in 2010---54-020-09-01



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
39	42220 - Natural Jack Pine	Sawtimber Well	11.2	89	111-140	
40	6122 - Black Spruce	Poletimber Medium	36.8	74	1-50	
41	4132 - Aspen, Jack Pine	Sapling Well	22.6	6	Immature	5-SPOT cut 2001, shelterwood prep cut completed in 2010---54-020-09-01
42	4131 - Aspen, Oak	Poletimber Well	15.6	47	81-110	
43	4123 - Red Oak	Sawtimber Well	32.1	79	51-80	OPIC - FMD: 16" RP IN PLACES. NORTH SIDE OF ROAD IS MOSTLY OAK. 5-SPOT. REMOVE ASPEN SOUTH OF ROAD. Two spots totaling 4 acres cut 2001. Steep on the north side of Peltz Rd. this may restrict the amount of acreage cut.
44	4311 - Pine, Aspen Mix	Sapling Well	32.9	15	Immature	Cut 2001. FTP C-54-754.
45	42290 - Natural Mixed Pine	Sawtimber Well	9.1	77	81-110	some legacy trees throughout
46	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	23.7	25	Immature	Extremely variable, more pine on the west end
47	4130 - Aspen	Poletimber Well	35.6	41	81-110	
48	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Well	70.3	22	Immature	DIRECT SEEDED FALL OF 1995. Few low spots on south and east sides
49	4311 - Pine, Aspen Mix	Poletimber Well	10.3	41	51-80	Thicker aspen on west side of stand
50	4311 - Pine, Aspen Mix	Sapling Well	17.9	15	Immature	Cut 2001. Lots of A3 with jack pine seedlings. FTP C-54-715.
51	42120 - Planted Jack Pine	Sapling Well	46.2	15	Immature	OPIC - FMD: LEATHERLEAF BOG. J2 ON EAST EDGE cut 2001. Some natural regeneration in the center of the stand. FTP C-54-754
52	4130 - Aspen	Poletimber Well	20.3	45	51-80	Some red and jack pine, oak is thicker in spots.
53	4191 - Mixed Upland Deciduous with Conifer	Sapling Medium	17.7	7	Immature	A & M REMOVED IN 1971. 3 spots totaling 4 acres cut 2001. clearcut completed in 2010---54-020-09-01 KKA:
54	4319 - Mixed Upland Forest	Sapling Well	43.5	24	Immature	
55	6122 - Black Spruce	Poletimber Medium	27.4	72	1-50	Very wet

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Report 7 – Forested Stands

Compartment: 138
Year of Entry: 2019

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
56	6124 - Lowland Spruce-Fir	Poletimber Well	8.9	96	81-110	Very wet
58	6120 - Lowland Cedar	Poletimber Well	43.2	99	81-110	Very wet in most places
60	42220 - Natural Jack Pine	Poletimber Medium	15.4	31	Immature	Dense pockets of jack pine with open areas
62	4311 - Pine, Aspen Mix	Sapling Well	5.3	23	Immature	
63	6122 - Black Spruce	Poletimber Well	3.6	74	81-110	
64	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Medium	7.2	83	51-80	
65	4130 - Aspen	Sapling Well	1.6	28	Immature	
66	42220 - Natural Jack Pine	Poletimber Well	2.9	81	81-110	
68	42220 - Natural Jack Pine	Poletimber Well	13.0	50	51-80	HIGHLY VARIABLE, SCATTERED PINE REPRO ALONG EDGE,
69	6126 - Lowland Jack Pine	Sapling Well	1.2	26	1-50	Bog, jack pine along edges.
70	4122 - Oak, Pine	Sawtimber Well	8.2	86	51-80	Some slopes, variable mix.
71	4130 - Aspen	Sawtimber Medium	2.0	51	1-50	Access through private.
72	42220 - Natural Jack Pine	Poletimber Well	3.7	54	1-50	Access through private.
76	42110 - Planted Red Pine	Sapling Well	23.4	3	Immature	
77	42220 - Natural Jack Pine	Poletimber Medium	7.8	25	Unspecified	



Stand	Cover Type	Acres	Managed Site	General Comments:
16	3102 - Grass	0.6	No	some scattered jack pine
19	6229 - Mixed lowland shrub	8.9	No	Lowland with seasonal standing water, some jack pine and shrubs within, jack and white pine along edges, old white pine stumps
20	6229 - Mixed lowland shrub	4.6	No	Lowland with seasonal standing water, some jack pine and shrubs within, jack and white pine along edges, old white pine stumps
36	3102 - Grass	0.5	No	Could be a frost pocket, some scattered jack pine
57	3102 - Grass	3.9	No	
59	6229 - Mixed lowland shrub	10.0	No	Marsh/bog with Some spruce and pine along the edge
61	320 - Upland Shrub	1.1		timber trespass
67	3102 - Grass	2.6	Yes	
73	3102 - Grass	5.7	No	
74	3303 - Mixed Low Density Trees	12.0	Yes	Scattered pockets of jack pine and aspen.
75	3303 - Mixed Low Density Trees	28.1	No	Scattered trees, Aspen stunted. Old stumps show fire damage. The northern portion of this stand was planted in the past, probably by private land owners.