



Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54097

Entry Year 2018

Acreage: 1,268

County Alpena

Management Area: Alpena Lake Plain

Revision Date: 2016-06-03

Stand Examiner: Andrew Krugh

Legal Description:

T31N R05E Sec 5, 8 & 17

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.

Soil and topography:

The compartment is predominately located on low ground composed of a Negwegon-Algonquin-Lupton complex. The topography of the compartment is mainly level with a large number of small pot hole type low areas dominated by tag-alder and full of water in wet seasons.

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

This compartment is part of a large area which is predominately state land. The land use in the area comes from hunters and trappers.

Unique Natural Features:

Some species are present in and around the compartment.

Archeological, Historical, and Cultural Features:

None known.

Special Management Designations or Considerations:

None known.

Watershed and Fisheries Considerations:

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 heavy aspen provide food and cover for multiple species at a variety of age classes. We are working to maintain a good age rotation of aspen in this compartment as well as 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.

This compartment fall within a very poorly drained pitted outwash plain. The predicted Kotar habitat type is primarily PArVCo/PArVVb indicating a poor soil nutrient regime and mesic soil moisture regime. Circa 1800 land cover was primarily cedar swamp but the area was also part of a very large burn and windfall that is documented in the GLO notes. Wildlife considerations for this compartment primarily focused on managing early successional habitat where opportunity exists; protecting the biological integrity in lowland systems; and enhancing habitat conditions by allowing for opportunity for mesic and lowland conifer maintenance and restoration, as well as snag and coarse-woody debris enhancement.

Mineral Resource and Development Concerns and/or Restrictions

Sections 5, 8, & 17, T31N R5E, Alpena County

Surface sediments consist of peat and muck. The glacial drift thickness varies between 50 and 100 feet. Beneath the glacial drift are the Devonian Antrim Shale and Traverse Group. The Antrim and Traverse are quarried for clay/shale and limestone/cement products near Alpena. Gravel pits are not located in this area and potential is limited. The closest pit is in Hillman to the southwest. The majority of the compartment is covered by wetlands. This area has had no drilling for oil and gas. Active Antrim Shale development is occurring one mile south of the compartment. The Antrim Shale is pinching

out in this area and production is unlikely. There are no State oil and gas leases in the area.

Vehicle Access:

The vehicle access into this compartment is restricted do to the wet soils in the area. Many of the existing two-tracks have been closed to all vehicles because of severe soil damage in the wet seasons. There is access to three areas by good roads. Long Rapids Road runs along the north boundary, MConnaughey Road provides access to the west side and the abandoned railroad grade a high ground corridor for walking and is open for snowmobile travel in the winter.

Survey Needs:

None known

Recreational Facilities and Opportunities:

There are many opportunities for hunting, bird and wildlife viewing in the area. The railroad grade in the southern portion of the compartment is a snowmobile trail.

Fire Protection:

Fire response to the compartment will be covered by the Alpena DNR office as well as the Hillman Township Fire Department. Fire potential is limited do to the wet soils in the area.

Additional Compartment Information:

The following reports from the Inventory are attached:

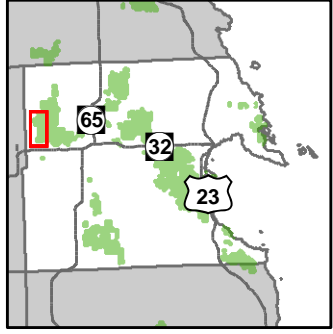
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

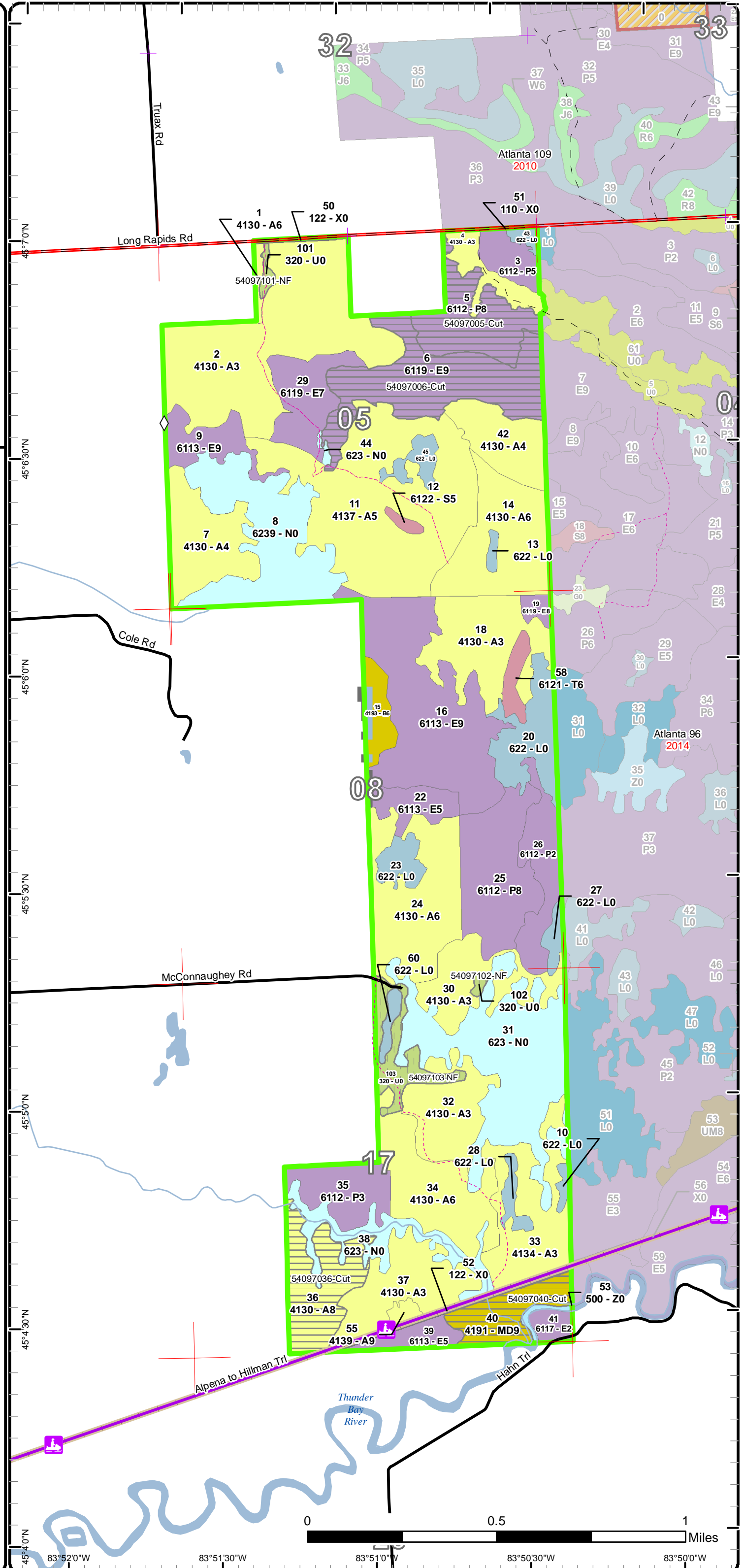
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 97
 T31N, R05E, Sec: 05, 08, 17
 County: Alpena
 Unit: Atlanta
 Mgmt Area: Alpena Lake Plain
 YOE: 2018
 Acres: 1,268 GIS Calculated
 Examiner: Andrew Krugh
 Map Revised: 10/6/2016
 Map Phase: Post Review

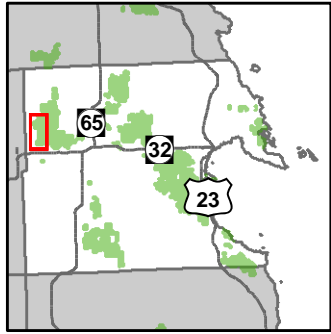


- Miris Corners
- + Remonumented Section Corners
- ◇ Field Grade GPS Corners
- Snowmobile Trails
- Designated Snowmobile Trails
- Designated Railtrail
- Paved Roads
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- Trail (Non-Recreation)
- Rivers
- Compartment Boundary
- Clearcut (w/Reserves)
- Opening Maintenance
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 110 - Low Intensity Urban
- 122 - Roads/Parking Lot
- 320 - Upland Shrub
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- Lakes

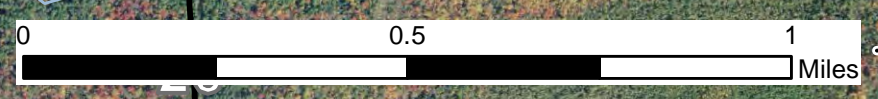
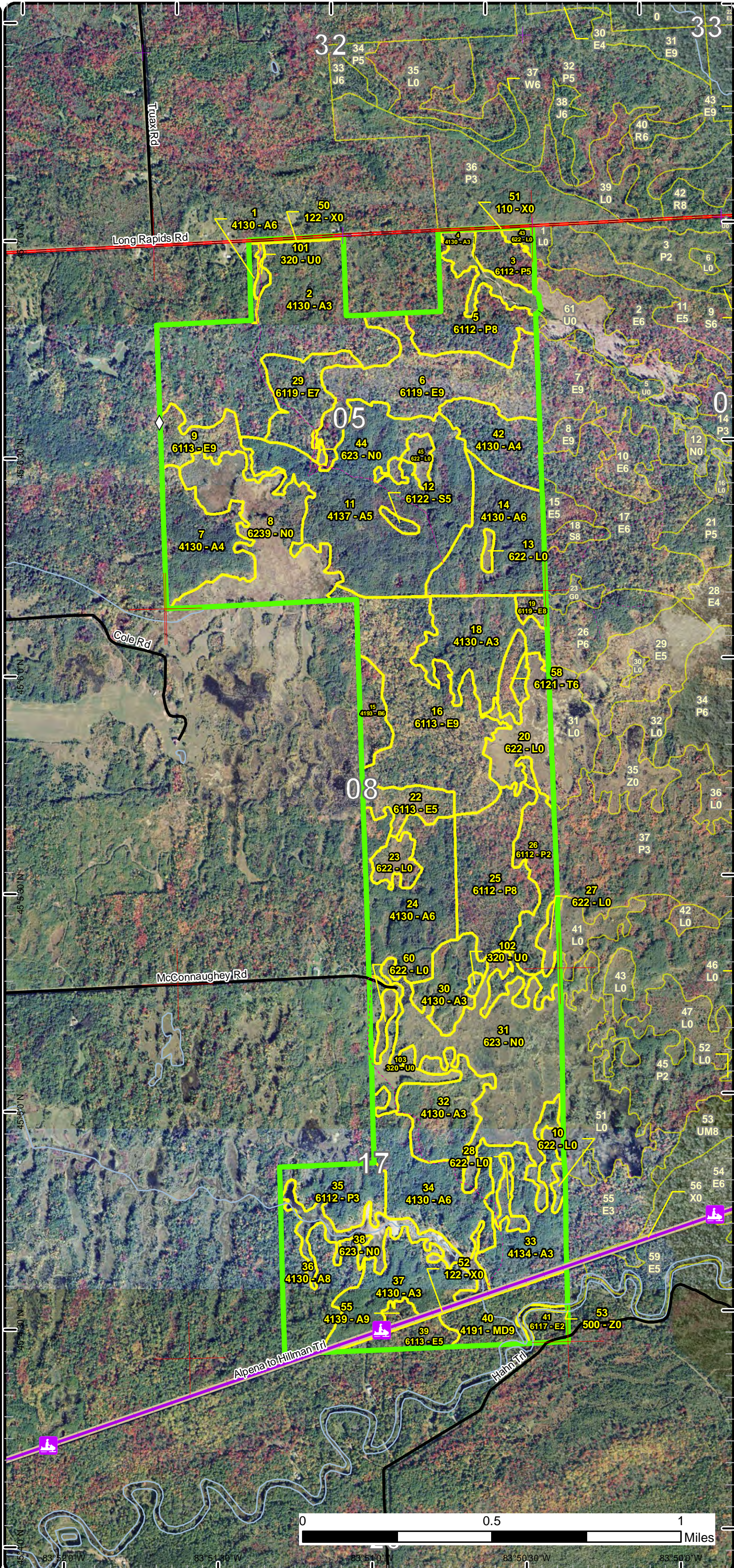


Stand Boundary Map

Compartment: 97
 T31N, R05E, Sec: 05, 08, 17
 County: Alpena
 Unit: Atlanta
 Mgmt Area: Alpena Lake Plain
 YOE: 2018
 Acres: 1,268 GIS Calculated
 Examiner: Andrew Krugh
 Map Revised: 10/6/2016
 Map Phase: Post Review



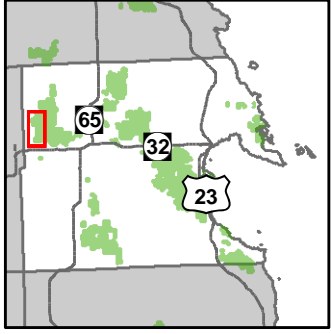
- Miris Corners
- + Remonumented Section Corners
- ◇ Field Grade GPS Corners
- Snowmobile Trails
- Designated Snowmobile Trails
- Designated Railtrail
- Paved Roads
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- Trail (Non-Recreation)
- Rivers
- Compartment Boundary
- Stand Boundaries
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 110 - Low Intensity Urban
- 122 - Roads/Parking Lot
- 320 - Upland Shrub
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland



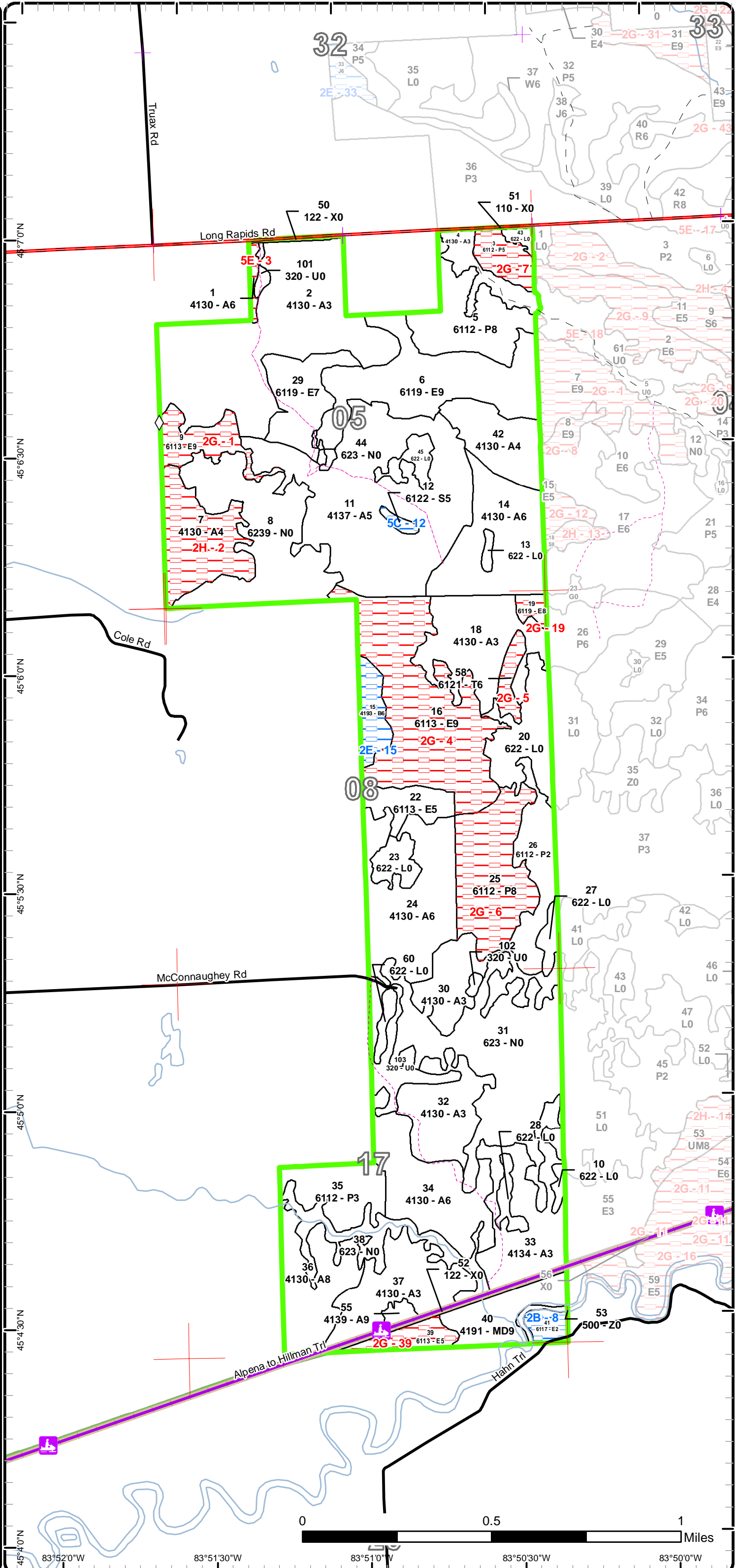
83°52'00"W 83°51'30"W 83°51'00"W 83°50'30"W 83°50'00"W

Special Conservation Areas & Site Conditions Map

Compartment: 97
 T31N, R05E, Sec: 05, 08, 17
 County: Alpena
 Unit: Atlanta
 Mgmt Area: Alpena Lake Plain
 YOE: 2018
 Acres: 1,268 GIS Calculated
 Examiner: Andrew Krugh
 Map Revised: 10/6/2016
 Map Phase: Post Review



- Miris Corners
- + Remonumented Section Corners
- ◇ Field Grade GPS Corners
- ↔ Snowmobile Trails
- Designated Snowmobile Trails
- Designated Railtrail
- Paved Roads
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- Trail (Non-Recreation)
- Rivers
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 2B: Unknown if access through adjacent landowner(s) is possible
- 2E: Road needed
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 5E: Long-Term Retention
- Stand Boundaries
- 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	12	101	171	254	58	0	0	36	0	0	0	0	0	0	0	0	0	632
Lowland Aspen/Balsam Poplar	0	0	24	22	0	0	55	32	0	0	0	0	0	0	0	0	0	0	133
Lowland Deciduous	0	0	0	6	22	0	0	83	0	101	0	0	0	0	0	0	0	0	212
Lowland Shrub	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58
Lowland Spruce/Fir	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
Marsh	165	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	165
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	21	0	0	0	0	0	0	0	0	0	21
Paper Birch	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	11
Tamarack	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	6
Upland Shrub	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
Urban	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Water	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	252	12	125	199	276	58	55	117	42	133	0	0	0	0	0	0	0	0	1268



Report 2 – Treatment Summary

Atlanta Mgt. Unit

Year of Entry: 2018

Acres of Harvest

Compartment 97

Total Compartment Acres: 1,268

Commercial Harvest - 146
 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	Overstory Removal	Salvage	Other	Total Acres
Aspen	33	0	0	0	0	0	0	0	0	33
Lowland Aspen/Balsam Poplar	32	0	0	0	0	0	0	0	0	32
Lowland Deciduous	59	0	0	0	0	0	0	0	0	59
Mixed Upland Deciduous	21	0	0	0	0	0	0	0	0	21
Total	146	0	0	0	0	0	0	0	0	146

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	146	0	0	0	0	0	0	19	0	164
Next Step	0	0	0	0	0	146	0	0	0	146
Total	146	0	0	0	0	146	0	19	0	310



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
5	54097005-Cut	32.2	6112 - Lowland Aspen	Sawtimber Medium	60	51-80	Harvest	Clearcut with Retention	6112 - Lowland Aspen	Even-Aged	Draft Field Boundary
Habitat Cut: No			Site Condition:								
<u>Prescription</u> Clearcut with retention. work high ground. leave 3-10 percent retention.											
<u>Specs:</u>											
<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)											
<u>Treatments:</u>											
<u>Acceptable</u> any mix of aspen, bam, ash, spruce, red maple,											
<u>Regen:</u>											
<u>Other</u> if decided to wet during prep don't do. Acres will likely decrease do to wet areas.											
<u>Comment:</u>											
<u>Proposed Start Date:</u> 10/01/2017											
6	54097006-Cut	59.2	6119 - Mixed Lowland Deciduous Forest	Sawtimber Well	66	81-110	Harvest	Clearcut with Retention	611 - Lowland Deciduous Forest	Even-Aged	Draft Field Boundary
Habitat Cut: No			Site Condition:								
<u>Prescription</u> Clear cut with retention. Winter/ Dry Summer only. stay out of extremely wet areas. leave 3-10 % retention											
<u>Specs:</u>											
<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)											
<u>Treatments:</u>											
<u>Acceptable</u> Any mix of aspen, red maple, bam, ash.											
<u>Regen:</u>											
<u>Other</u> If decided to wet during prep don't do. acres will likely decrease do to wet areas. cut with stand 7 in compartment 96.											
<u>Comment:</u>											
<u>Proposed Start Date:</u> 10/01/2017											
36	54097036-Cut	33.3	4130 - Aspen	Sawtimber Medium	74	51-80	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Draft Field Boundary
Habitat Cut: No			Site Condition:								
<u>Prescription</u> Clear cut with retention. leave 3-10 percent retention. Follow trail and stream specs, do not allow harvest or hauling during snowmobile season. leave											
<u>Specs:</u> all red pine and cedar											
<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)											
<u>Treatments:</u>											
<u>Acceptable</u> mixed aspen, red maple, paper birch, balsam fir.											
<u>Regen:</u>											
<u>Other</u>											
<u>Comment:</u>											
<u>Proposed Start Date:</u> 10/01/2017											
40	54097040-Cut	20.9	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	82	81-110	Harvest	Clearcut with Retention	4136 - Aspen, Mixed Conifer	Even-Aged	Draft Field Boundary
Habitat Cut: No			Site Condition:								
<u>Prescription</u> Clear cut leaving 3-10 percent retention around stream. leave all cedar pockets. Follow trail and stream specs, do not allow harvest or hauling during											
<u>Specs:</u> snowmobile season.											
<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)											
<u>Treatments:</u>											
<u>Acceptable</u> moderate to fully stocked aspen, fir, maple, birch, and pine.											
<u>Regen:</u>											
<u>Other</u>											
<u>Comment:</u>											
<u>Proposed Start Date:</u> 10/01/2017											



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
101	54097101-NF	1.9	320 - Upland Shrub	Nonstocked		Unspecified	NonForestMgt	Herbaceous/Crop/ Grass Planting	310 - Herbaceous Openland		Draft Field Boundary

Habitat Cut: No

Site Condition:

Prescription Opening will be maintained on a 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: 10/01/2017

102	54097102-NF	1.1	320 - Upland Shrub	Nonstocked		Unspecified	NonForestMgt	Herbaceous/Crop/ Grass Planting	310 - Herbaceous Openland		Draft Field Boundary
-----	-------------	-----	--------------------	------------	--	-------------	--------------	------------------------------------	---------------------------------	--	-------------------------

Habitat Cut: No

Site Condition:

Prescription Opening will be maintained on a 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: 10/01/2017

103	54097103-NF	15.5	320 - Upland Shrub	Nonstocked		Unspecified	NonForestMgt	Herbaceous/Crop/ Grass Planting	310 - Herbaceous Openland		Draft Field Boundary
-----	-------------	------	--------------------	------------	--	-------------	--------------	------------------------------------	---------------------------------	--	-------------------------

Habitat Cut: No

Site Condition:

Prescription Opening will be maintained on a 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: 10/01/2017

**Total Treatment
Acreage Proposed: 164.1**

Report 4 – Site Conditions

Atlanta Mgt. Unit
Andrew Krugh : Examiner

Compartment: 97
Year of Entry: 2018

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions					
		With Condition	Not Available		2B	2E	5C	2G	2H	5E
632	596	0	36	Aspen					34	3
133	78	0	55	Lowland Aspen/Balsam Poplar				55		
212	96	6	110	Lowland Deciduous	6			110		
58	58	0	0	Lowland Shrub						
2	0	2	0	Lowland Spruce/Fir			2			
165	165	0	0	Marsh						
21	21	0	0	Mixed Upland Deciduous						
11	0	11	0	Paper Birch		11				
6	0	0	6	Tamarack				6		
18	18	0	0	Upland Shrub						
8	8	0	0	Urban						
2	2	0	0	Water						
1,268	1,042	19	208	Total Forested Acres	6	11	2	172	34	3
	82%	1%	16%	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	2G: Too wet (sensitive soils, does not include access issues)	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
2	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	34	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Atlanta Mgt. Unit
Andrew Krugh : Examiner

Compartment: 97
Year of Entry: 2018

3	Unavailable	5E: Long-Term Retention	3	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	81	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)	44	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Atlanta Mgt. Unit
Andrew Krugh : Examiner

Compartment: 97
Year of Entry: 2018

8	Available	2B: Unknown if access through adjacent landowner(s) is possible	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Available	2E: Road needed	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
19	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
39	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	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

Mgt. Unit

Compartment:

Year of Entry



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
-------------------	------	-------------



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	4130 - Aspen	Poletimber Well	2.5	37	81-110	Stand was left during adjacent sale. Leave for age class diversity.
2	4130 - Aspen	Sapling Well	100.8	16	Immature	
3	6112 - Lowland Aspen	Poletimber Medium	10.8	56	1-50	Pine on high ground.
4	4130 - Aspen	Sapling Well	12.1	7	Immature	
5	6112 - Lowland Aspen	Sawtimber Medium	32.2	60	51-80	
6	6119 - Mixed Lowland Deciduous Forest	Sawtimber Well	59.2	66	81-110	Clear cut with retention. Winter/ Dry Summer only. stay out of extremely wet areas.
7	4130 - Aspen	Poletimber Poor	33.6	44	111-140	
9	6113 - Lowland Maple	Sawtimber Well	15.9	86	111-140	Flooded Timber
11	4137 - Aspen, Birch	Poletimber Medium	110.9	37	81-110	a lot of small low type pot holes.
12	6122 - Black Spruce	Poletimber Medium	2.0	66	51-80	CONIFER PATCH. Leave for diversity.
14	4130 - Aspen	Poletimber Well	45.4	37	111-140	
15	4193 - Birch, Aspen	Poletimber Well	11.1	89	51-80	
16	6113 - Lowland Maple	Sawtimber Well	81.3	80	111-140	Flooded timber
18	4130 - Aspen	Sapling Well	40.8	20	Immature	illegal trail cut in by hunters/trappers. Turned over to C.O. in spring 2006. Left mature residual pine. Tag Alder dominates low pockets within stand.
19	6119 - Mixed Lowland Deciduous Forest	Sawtimber Medium	3.6	81	81-110	
22	6113 - Lowland Maple	Poletimber Medium	12.6	37	111-140	
24	4130 - Aspen	Poletimber Well	51.9	37	111-140	Small pocket of large white and red pine on east end of stand.
25	6112 - Lowland Aspen	Sawtimber Medium	44.3	51	51-80	low ground hardwoods with some higher ridges of aspen. Small scattered pockets of Northern white cedar. To wet to work in.

S
t
a
n
d

Atlanta Mgt. Unit

Report 7 – Forested Stands

Compartment: 97
Year of Entry: 2018

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
26	6112 - Lowland Aspen	Sapling Medium	23.6	15	Immature	Left mature residual pine.
29	6119 - Mixed Lowland Deciduous Forest	Sawtimber Poor	24.1	66	51-80	
30	4130 - Aspen	Sapling Well	26.7	26	Immature	OPIC - FMD: some mature pine scattered throughout stand, pockets of E3. Small Low type pot holes in stand.
32	4130 - Aspen	Sapling Well	29.0	26	Immature	
33	4134 - Aspen, Spruce/Fir	Sapling Well	39.2	26	Immature	some mature pine scattered throughout stand, pockets of E3. Small Low type pot holes in stand.
34	4130 - Aspen	Poletimber Well	43.1	36	111-140	
35	6112 - Lowland Aspen	Sapling Well	22.1	26	Immature	
36	4130 - Aspen	Sawtimber Medium	33.3	74	51-80	
37	4130 - Aspen	Sapling Well	35.0	26	Immature	
39	6113 - Lowland Maple	Poletimber Medium	9.4	36	51-80	
40	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	20.9	82	81-110	OI Stand Year Origin was 1934
41	6117 - Lowland Deciduous, Mixed Coniferous	Sapling Medium	5.7	21	Immature	OPIC - FMD: Some mature E6 along river. No access to stand, south of Thunder Bay River.
42	4130 - Aspen	Poletimber Poor	24.4	40	1-50	
55	4139 - Aspen, Mixed Deciduous	Sawtimber Well	2.9	71	51-80	
58	6121 - Tamarack	Poletimber Well	6.4	70	81-110	



Stand	Cover Type	Acres	Managed Site	General Comments:
8	6239 - Mixed Emergent Wetland	59.7	No	OPIC - FMD: OI Stand Year Origin was
10	622 - Lowland Shrub	2.1	No	
13	622 - Lowland Shrub	1.7	No	
20	622 - Lowland Shrub	25.0	No	
23	622 - Lowland Shrub	8.1	No	OPIC - FMD: OI Stand Year Origin was
27	622 - Lowland Shrub	4.4	No	
28	622 - Lowland Shrub	4.7	No	
31	623 - Emergent Wetland	80.8	No	
38	623 - Emergent Wetland	23.3	No	OPIC - FMD: OI Stand Year Origin was
43	622 - Lowland Shrub	2.3	No	
44	623 - Emergent Wetland	1.0	No	
45	622 - Lowland Shrub	6.6	No	
50	122 - Road/Parking Lot	1.4	No	OPIC - FMD: Long Rapids Road
51	110 - Low Intensity Urban	0.7	No	Long Rapids Road
52	122 - Road/Parking Lot	5.6	No	Snowmobile trail down old railroad grade, gated at west end.
53	500 - Water	1.8	No	OPIC - FMD: Thunder Bay River
60	622 - Lowland Shrub	3.5	No	
101	320 - Upland Shrub	1.9	No	



Stand	Cover Type	Acres	Managed Site	General Comments:
102	320 - Upland Shrub	1.1	No	
103	320 - Upland Shrub	15.5	Yes	