

# **Compartment Review Presentation**

**Atlanta Forest Management Unit** 

Compartment 54109
Entry Year 2020
Acreage: 1,214
County Alpena

Management Area: Alpena Lake Plain

**Revision Date: 2018-04-25** 

Stand Examiner: Richard Barber

**Legal Description:** 

T32N R05E Secs 28, 32 & 33

#### **Identified Planning Goals:**

multiple resource management

#### Soil and topography:

This compartment is predominately level low ground. Some of the area is floodplain and dominated by aspen and soft maple.

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

Farms to the west. Hunting lands to the north. Other state ownership to the east and south.

#### **Unique Natural Features:**

One or more have been reported.

#### Archeological, Historical, and Cultural Features:

None.

#### **Special Management Designations or Considerations:**

None.

#### Watershed and Fisheries Considerations:

Not enough shedding for all the water. Truax Creek runs through the compartment, as do many smaller, often unmapped streams and drainages.

#### 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. There is also a large river corridor which is an excellent pathway for wildlife travel. Habitat components of cedar and wetland complexes as well as aspen provide food and cover for multiple species at a variety of age classes. We are working to maintain winter cover areas as well as keep 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.

#### Mineral Resource and Development Concerns and/or Restrictions

Two active sand/gravel pits are to the west, but development of any potential sand & gravel within the compartment would be limited by wetlands and abundant clay. Glacial drift is up to 100 feet thick in this area; limestone underlies the drift but is still too deep for economic development. There is no known oil and gas potential in this area and there is no active mineral leasing. There is no known metallic mineral potential in this part of the state.

#### **Vehicle Access:**

The north of the compartment is accessed through a private easement off Woodruff Rd. The south is accessed from Long Rapids Rd. The central portion of the compartment has poor access.

#### **Survey Needs:**

None.

#### **Recreational Facilities and Opportunities:**

Hunting and fishing are the main activities.

#### **Fire Protection:**

Fire response to the compartment will be covered by the Alpena DNR office as well as the Long Rapids Fire Department.

### **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** 

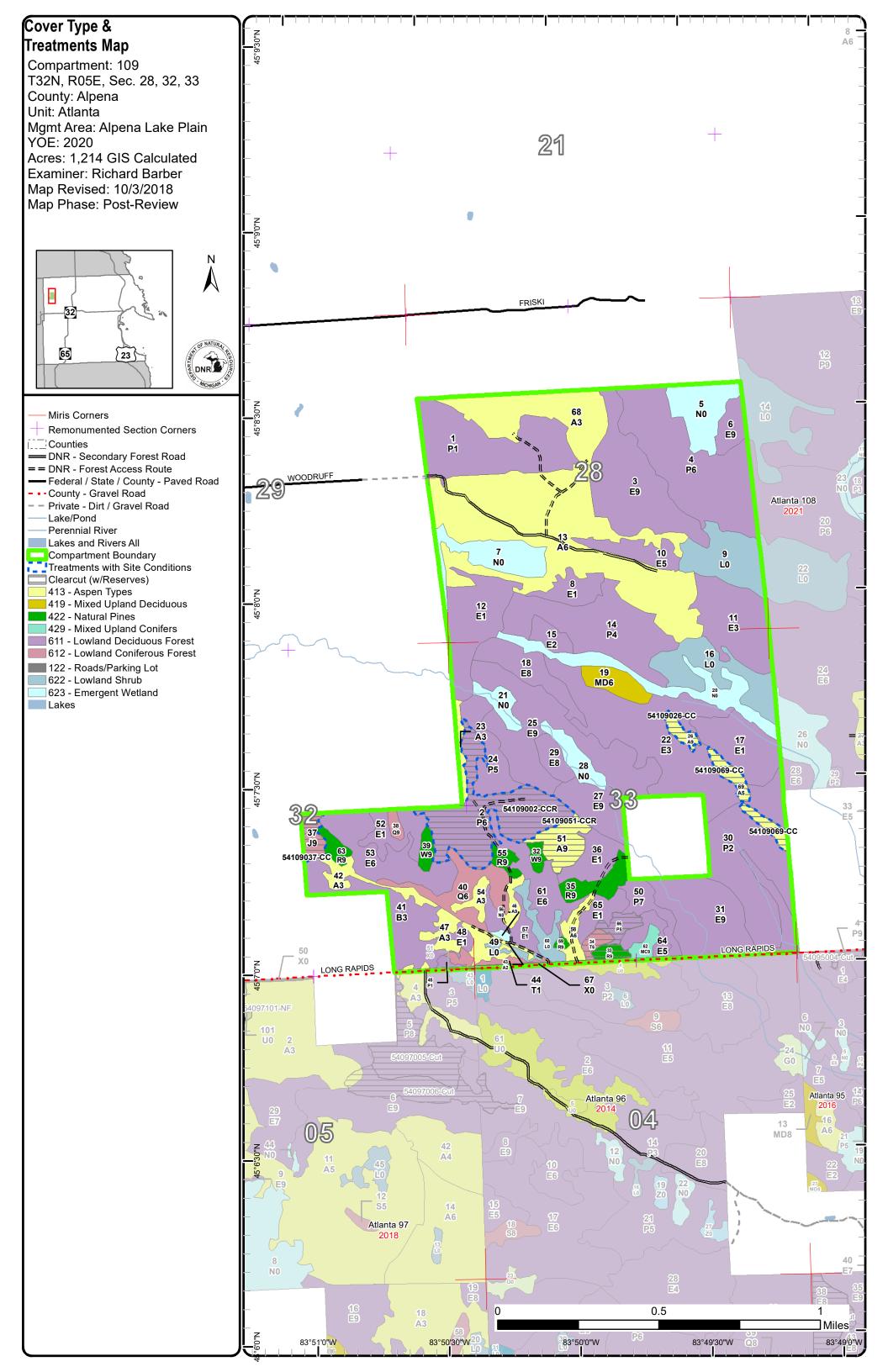
The following information is displayed, where pertinent, on the attached compartment maps:

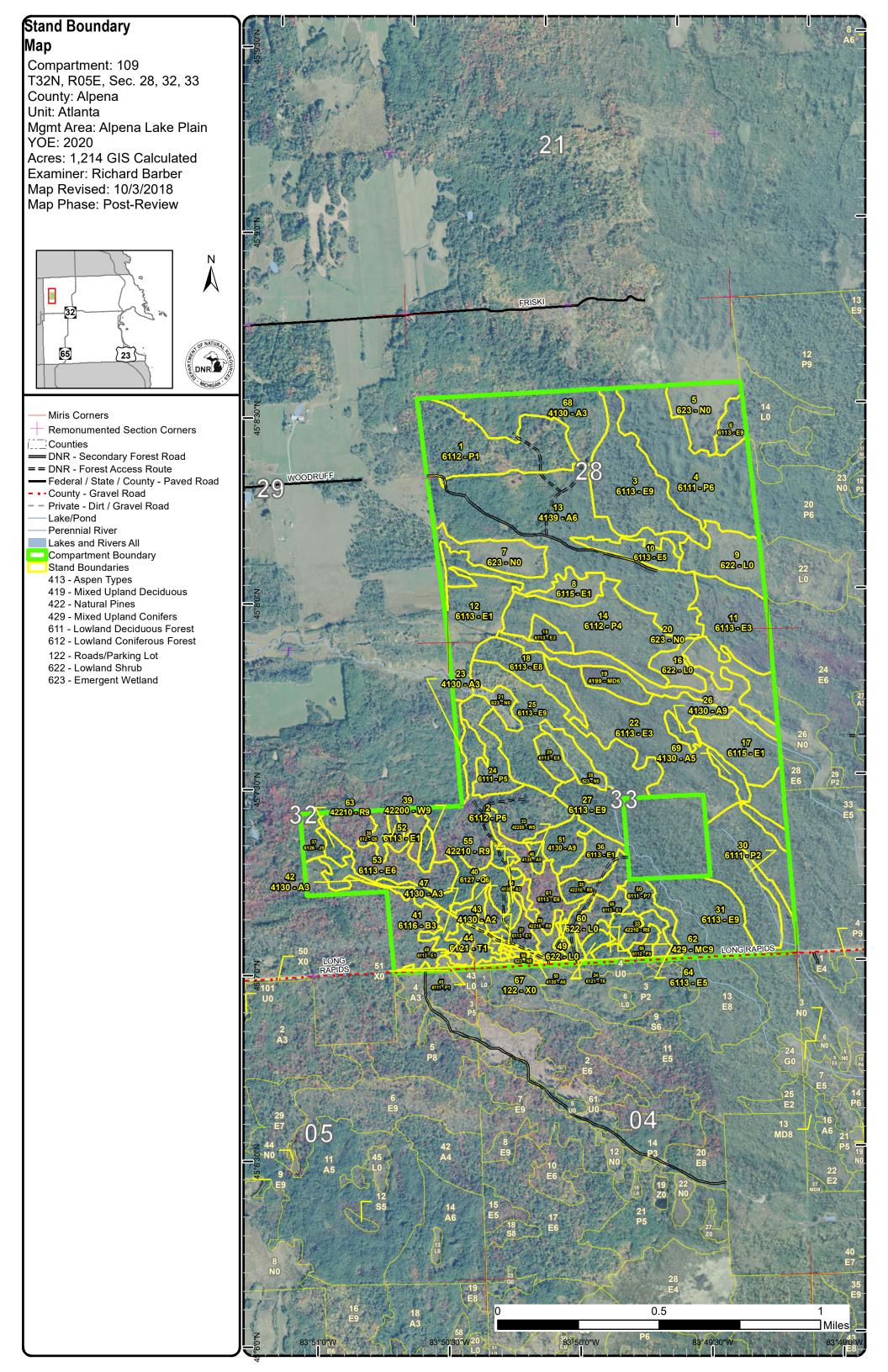
Base feature information, stand boundaries, cover types, and numbers

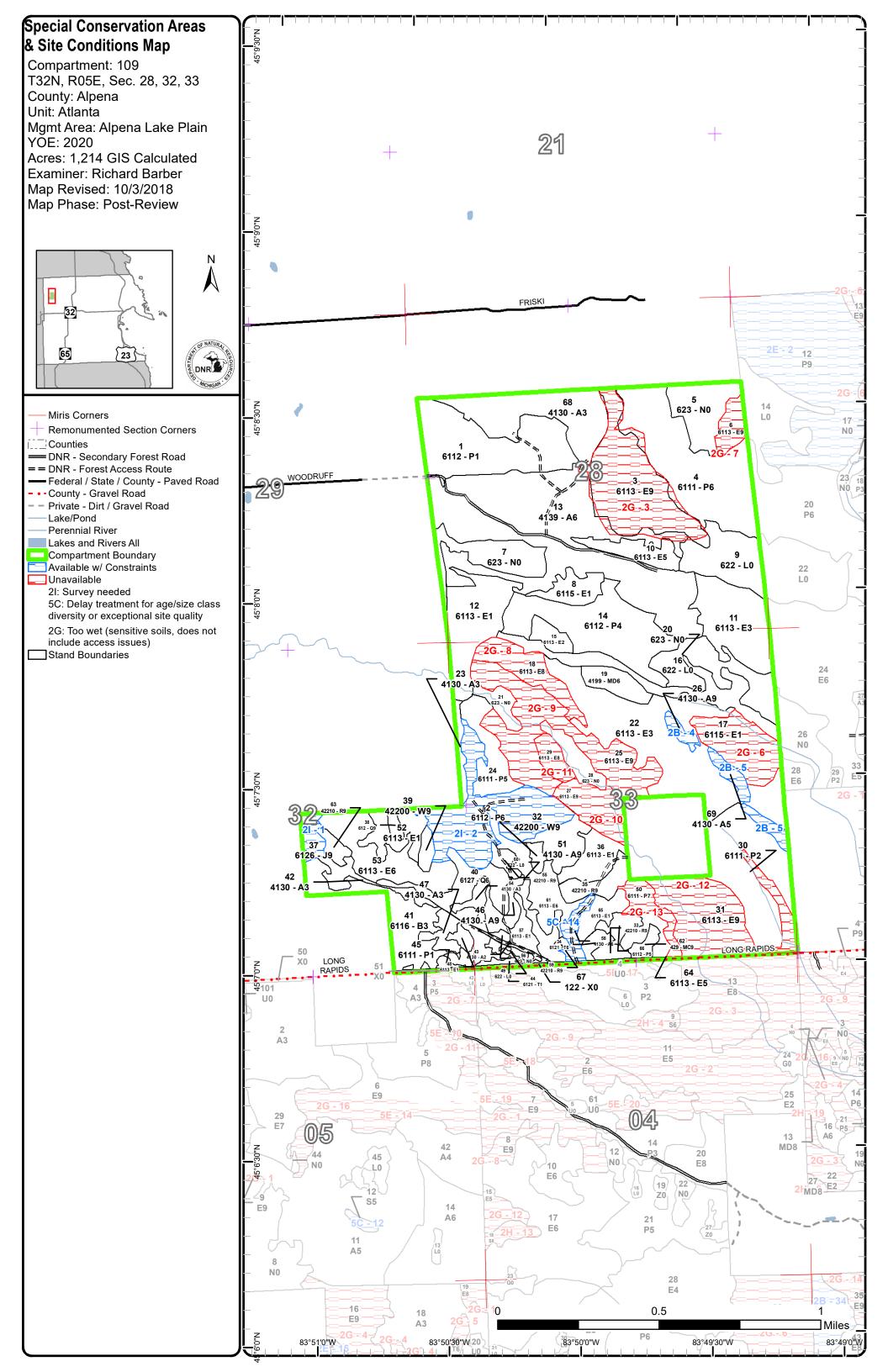
**Proposed treatments** 

Site condition boundaries

Details on the road access system







Compartment 109 Year of Entry 2020

**Richard Barber: Examiner** 

Atlanta Mgt. Unit



#### Age Class

	No.	LA S		\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	3 / 12	\$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	, % /&	\$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			70,	\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	\$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	N. S.	Ox Juli	10 0 V
Aspen	0	0	0	65	126	0	33	0	0	0	0	0	0	0	0	0	0	0	223
Jack Pine	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	6
Lowland Aspen/Balsam Poplar	0	50	0	45	110	16	52	0	0	0	9	0	0	0	0	0	0	0	282
Lowland Conifers	0	0	0	0	0	0	18	2	0	0	0	0	0	0	0	0	0	0	20
Lowland Deciduous	0	0	33	95	80	27	43	0	0	55	137	0	0	0	0	0	0	0	468
Lowland Shrub	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58
Marsh	79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	78
Mixed Upland Deciduous	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	9
Paper Birch	0	0	0	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27
Red Pine	0	0	0	0	0	0	8	0	12	0	0	0	0	0	0	0	0	0	20
Tamarack	0	0	0	4	0	0	0	0	3	0	0	0	0	0	0	0	0	0	7
Upland Conifers	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
Urban	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
White Pine	0	0	0	0	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
Total	143	50	33	236	316	46	168	2	15	61	146	0	0	0	0	0	0	0	1211



# **Report 2 – Treatment Summary**

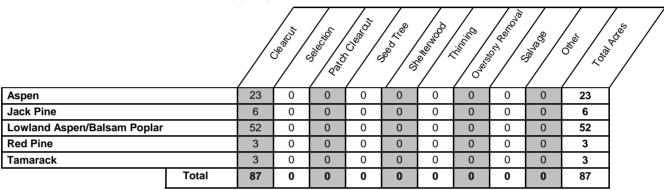
# Atlanta Mgt. Unit Year of Entry: 2020

#### **Acres of Harvest**

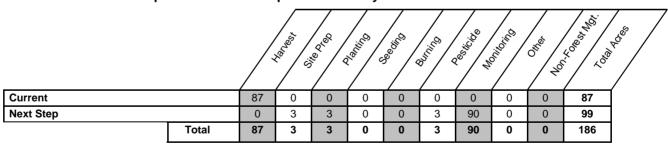
Compartment 109
Total Compartment Acres: 1,214

Commercial Harvest - 22 Harvests with Site Condition - 65 Next Step Harvest - 0 Habitat Cut - 0

## **Cover Type by Harvest Method**



#### **Proposed and Next Step Treatments by Method**



Acceptable Acceptable regeneration is Any combination of red pine, white pine, oak, jack pine, or aspen, resulting in a medium or well stocked stand.

Regen:

Other

Comment:

Proposed Start Date:

10/1 /2019

34 54109034-6121 - Tamarack Poletimber 77 Harvest Clearcut with 613 - Lowland Even-Aged Draft Field CCR Well Retention Mixed Forest Boundary

**Habitat Cut: No Site Condition:** 

Prescription CCR. Retain 3 to 10 percent of treatment area in one or more patches. Location(s) will be determined during sale prep and will be

representative of the treatment's species mix as a whole. Specs:

Next Step Monitoring, Natural Regen (Intermediate)

**Treatments:** 

Acceptable Tamarack, spruce, fir, pine, aspen, maple.

Regen:

Other Comment:

**Proposed Start Date:** 10/1 /2019

Atlanta Mgt. Unit Report 3 -- Treatments Compartment: 109 s Year of Entry: 2020 t а **Treatment** Size Stand BA **Treatment Treatment Cover Type** Acres Stand Age **Approval** n Method Objective Name CoverType Density Age Range Type Structure Status d 6126 - Lowland 37 54109037-CC 5.7 Sawtimber 87 81-110 Harvest Clearcut 613 - Lowland Even-Aged Draft Field Jack Pine Well Mixed Forest Boundary **Habitat Cut: No** Site Condition: Survey Needed Prescription CCR. Retain 3 to 10 percent of treatment area in one or more patches. Location(s) will be determined during sale prep and will be representative of the treatment's species mix as a whole. Protect natural regen during harvest Specs: Next Step Monitoring, Natural Regen (Intermediate) **Treatments:** Acceptable jack pine, red pine, white pine, fir, aspen maple. Regen: Other Comment: **Proposed Start Date:** 10/1 /2019 54109051-11.4 4130 - Aspen Sawtimber 51 Draft Field Harvest Clearcut with 413 - Aspen Even-Aged **CCR** Well Retention Boundary **Habitat Cut: No Site Condition:** Prescription CCR. Retain 3 to 10 percent of treatment area in one or more patches. Location(s) will be determined during sale prep and will be Specs: representative of the treatment's species mix as a whole. Next Step Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable Aspen, maple. Regen: Other Comment: **Proposed Start Date:** 10/1 /2019 54109066-CC Poletimber 51 Draft Field 4.6 6112 - Lowland Harvest Clearcut 611 - Lowland Even-Aged Aspen Medium Deciduous Boundary Forest **Habitat Cut: No Site Condition:** Prescription Clearcut. Specs: Next Step Monitoring, Natural Regen (Re-Inventory) Acceptable Aspen, Maple, spruce, fir, pine Regen: Comment:

**Treatments:** 

Other

**Proposed Start Date:** 10/1 /2019

54109069-CC 8.5 4130 - Aspen Poletimber 51 Unspec Harvest Clearcut 413 - Aspen Even-Aged Draft Field

ified

Medium

Site Condition: Unknown Access **Habitat Cut: No** 

Prescription Clearcut. Use grouse specs.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

**Treatments:** 

Acceptable Aspen, maple, oak, conifer.

Regen: Other Comment:

**Proposed Start Date:** 10/1 /2019

**Total Treatment** Acreage Proposed:

87.0

Boundary

Compartment: 109

Atlanta Mgt. Unit

Richard Barber : Examiner Year of Entry: 2020

Availability for Management

Total Acres Avail Acres

Dominant Site Conditions

Total	Acres	Acres Avaii	Acres	U	omina	nt Site	Con	aitions
Acres	Available	With Condition	Not Available		2B	21	5C	2G
223	201	18	4	Aspen	12		6	4
6	0	6	0	Jack Pine		6		
281	222	47	12	Lowland Aspen/Balsam Poplar		47		12
20	20	0	0	Lowland Conifers				
471	256	0	215	Lowland Deciduous				215
59	58	0	0	Lowland Shrub				0
78	78	0	0	Marsh				
9	9	0	0	Mixed Upland Deciduous				
27	27	0	0	Paper Birch				
20	20	0	0	Red Pine				
7	7	0	0	Tamarack				
3	3	0	0	Upland Conifers				
5	5	0	0	Urban				
6	6	0	0	White Pine				
1,214	913	71	230	Total Forested Acres	12	53	6	230
	75%	6%	19%	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	Available	2I: Survey needed	6	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:	Ole Common mandad	47	Unomosifical	l la ca a cific d	l loop onified	l loop acific d
2	Available Comments:	2I: Survey needed	47	Unspecified	Unspecified	Unspecified	Unspecified

# **Report 4 – Site Conditions**

Compartment: 109

Year of Entry: 2020

Atlanta Mgt. Unit

Richard Barber: Examiner

3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	52	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
4	Available	2B: Unknown if access through adjacent landowner(s) is possible	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
5	Available	2B: Unknown if access through adjacent landowner(s) is possible	9	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	24	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

# **Report 4 – Site Conditions**

Atlanta Mgt. Unit

Richard Barber: Examiner

Compartment: 109 Year of Entry: 2020

8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	17	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
9	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	54	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	16	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
11	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
12	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	45	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

# **Report 4 – Site Conditions**

Atlanta Mgt. Unit

Compartment: 109

Year of Entry: 2020

13	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						
14	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						

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 Compartme

# 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.

Conservation Type Description
Area

ERA = Ecological Reference Area

HCVA = High Conservation Value Area

SCA = Special Conservation Area

S t	Atlanta	a Mgt. Unit		Report 7	– Forested St	ands	Compartment: 109 Year of Entry: 2020	DNR DNR
a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range		General Comments:	MICHIGAN .
1	6112 - Lowland Aspen	Sapling Poor	49.6	2	Immature			
2	6112 - Lowland Aspen	Poletimber Well	47.4	51	Unspecified			
3	6113 - Lowland Maple	Sawtimber Well	47.5	87	Unspecified			
4	6111 - Lowland Balsam Poplar	Poletimber Well	62.1	33	1-50	balsam po <sub>l</sub>	plar with wetter, brushy areas	
6	6113 - Lowland Maple	Sawtimber Well	7.6	87	Unspecified			
8	6115 - Lowland Ash	Sapling Poor	9.5	10	Immature			
10	6113 - Lowland Maple	Poletimber Medium	10.8	33				
11	6113 - Lowland Maple	Sapling Well	32.2	33				
12	6113 - Lowland Maple	Sapling Poor	30.6	33				
13	4139 - Aspen, Mixed Deciduous	Poletimber Well	125.5	33	Immature			
14	6112 - Lowland Aspen	Poletimber Poor	47.5	33				
15	6113 - Lowland Maple	Sapling Medium	5.7	33	Immature			
17	6115 - Lowland Ash	Sapling Poor	23.7	10	Immature	4-6 inch dead ash	and ash sap and tag alder un	der story
18	6113 - Lowland Maple	Sawtimber Medium	16.9	91			much dead ash.	
19	4199 - Other Mixed Upland Deciduous	Poletimber Well	9.2	51	1-50			
22	6113 - Lowland Maple	Sapling Well	73.3	24	1-50			
23	4130 - Aspen	Sapling Well	4.1	24				
24	6111 - Lowland Balsam Poplar	Poletimber Medium	15.6	43		dead ash. braken	fern . aspen stumps felled by	y beaver
25	6113 - Lowland Maple	Sawtimber Well	53.5	91				
								_

S t	Atlanta	Atlanta Mgt. Unit Level 4 Size		Report 7	- Forested Stands	Compartment: 109 Year of Entry: 2020
a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
26	4130 - Aspen	Sawtimber Well	3.4	51	Unspecified	
27	6113 - Lowland Maple	Sawtimber Well	16.3	93		
29	6113 - Lowland Maple	Sawtimber Medium	6.5	91		
30	6111 - Lowland Balsam Poplar	Sapling Medium	44.1	24	Immature	mostly dead.
31	6113 - Lowland Maple	Sawtimber Well	44.6	91	Unspecified	
32	42200 - Natural White Pine	Sawtimber Well	2.4	51	81-110	
33	42210 - Natural Red Pine	Sawtimber Well	2.9	77	81-110	
34	6121 - Tamarack	Poletimber Well	3.1	77		
35	42210 - Natural Red Pine	Sawtimber Well	9.2	72	81-110	
36	6113 - Lowland Maple	Sapling Poor	11.6	51		
37	6126 - Lowland Jack Pine	Sawtimber Well	5.7	87	81-110	
38	612 - Lowland Coniferous Forest	Sawtimber Well	2.1	60		
39	42200 - Natural White Pine	Sawtimber Well	3.3	49	111-140	
40	6127 - Lowland Pine	Poletimber Well	17.9	57	51-80	
41	6116 - Lowland Birch	Sapling Well	27.0	24	Immature	
42	4130 - Aspen	Sapling Well	7.3	24	Immature	
43	4130 - Aspen	Sapling Medium	1.1	24	Immature	ridge with road.
44	6121 - Tamarack	Sapling Poor	3.8	24	Immature	
45	6111 - Lowland Balsam Poplar	Sapling Poor	1.1	24	Immature	

S t	Atlanta	a Mgt. Unit		Report 7	- Forested Stands	Compartment: 109 Year of Entry: 2020	186
a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:	in's
46	4130 - Aspen	Sawtimber Well	3.4	51	Unspecified		
47	4130 - Aspen	Sapling Well	11.2	24	Immature		
48	6113 - Lowland Maple	Sapling Poor	2.4	24	Immature		
50	6111 - Lowland Balsam Poplar	Sawtimber Poor	9.1	93			_
51	4130 - Aspen	Sawtimber Well	11.4	51			
52	6113 - Lowland Maple	Sapling Poor	11.3	24	Immature	may or may not be 25 percent forested	
53	6113 - Lowland Maple	Poletimber Well	27.0	49	Unspecified		
54	4130 - Aspen	Sapling Well	3.9	24	Immature		
55	42210 - Natural Red Pine	Sawtimber Well	3.4	57	81-110		
57	6113 - Lowland Maple	Sapling Poor	8.4	24	Immature		
58	4130 - Aspen	Poletimber Well	5.7	51			_
59	42210 - Natural Red Pine	Sawtimber Well	0.9	51	81-110		
61	6113 - Lowland Maple	Poletimber Well	17.4	51	Unspecified		
62	429 - Mixed Upland Conifers	Sawtimber Well	3.3	51	81-110		
63	42210 - Natural Red Pine	Sawtimber Well	3.8	51	81-110		
64	6113 - Lowland Maple	Poletimber Medium	6.5	51			
65	6113 - Lowland Maple	Sapling Poor	7.7	51			
66	6112 - Lowland Aspen	Poletimber Medium	4.6	51		collapsing	
68	4130 - Aspen	Sapling Well	37.1	24	Immature		

S t	Atlar		Report 7	′ – Forested Stands	Compartment: 109 Year of Entry: 2020	DNR DNR	
a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:	MCHIGAN . 9
69	4130 - Aspen	Poletimber Medium	8.5	51	Unspecified		

# Report 8 - Nonforested Stands

Compartment: 109 Year of Entry: 2020



Stand	Cover Type	Acres	Managed Site	General Comments:
5	623 - Emergent Wetland	19.6	No	
7	623 - Emergent Wetland	19.0	No	dead ash, a few maple
9	622 - Lowland Shrub	23.3	No	
16	622 - Lowland Shrub	25.5	No	
20	623 - Emergent Wetland	24.3	No	
21	623 - Emergent Wetland	6.1	No	
28	623 - Emergent Wetland	8.4	No	
49	622 - Lowland Shrub	2.3	No	good site index for abandoned tires
56	623 - Emergent Wetland	0.8	No	
60	622 - Lowland Shrub	7.4	No	
67	122 - Road/Parking Lot	4.9	No	Long Rapids Road.