



# Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 119

Entry Year 2016

Acreage: 1,487

County Presque Isle

Management Area: Cheboygan Lake Plain

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**Revision Date:** 10/28/2014

**Stand Examiner:** Jeff Autenrieth

**Legal Description:**

T33N, R2E, Sec.16, 17, 20, & 21

**Identified Planning Goals:**

Timber production and wildlife habitat.

**Soil and topography:**

Grayling Sands on outwash plains. Rolling hills with better soils in southwest part of compartment. Some organic soils and glacially filled sinhoels are associated with wet sands.

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

Mostly state owned land surrounding the compartment with a few small in holdings.

**Unique Natural Features:**

Underlying karst topography. There are sink holes present in surrounding compartments. Kirtland's Warbler has been found here. Possible dry prairie plants and animals.

**Archeological, Historical, and Cultural Features:**

There are known concerns within the compartment. All proposed management activities have taken these concerns into consideration.

**Special Management Designations or Considerations:**

**Watershed and Fisheries Considerations:**

**Wildlife Habitat Considerations:**

The primary focus of wildlife habitat management will be to address the habitat requirements identified for the listed featured species found in this compartment. These species include elk, pileated woodpecker, ruffed grouse, wild turkey, and white-tailed deer. Based on the selected featured species, some of the most significant wildlife management issues in the management area are the maintenance of young forest and large open grassland complexes; the retention of large, over-mature trees and snags; and the maintenance and expansion of hard mast and mesic conifer components.

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

Surface sediments consist of coarse-textured glacial till. The glacial drift thickness varies between 100 and 200 feet. Beneath the glacial drift is the Devonian Traverse Group. The Traverse is quarried for limestone and cement products near Alpena. A gravel pit is located in Section 20 and potential is good. This area has had some drilling for Silurian Niagaran Reefs, with production occurring to the northwest. Additional drilling is possible. The Antrim Shale is not present. The Compartment is completely leased for oil and gas development.

**Vehicle Access:**

M-33 passes along the west compartment boundary, with various county and state forest roads throughout the compartment.

**Survey Needs:**

None needed.

**Recreational Facilities and Opportunities:**

There are snowmobile and ORV trails present in the compartment.

**Fire Protection:**

Fire coverage is provided by the Onaway Field Office, there are some pine types located within the compartment. Larger acreages of jack pine or jack pine component cover types are present.

**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**

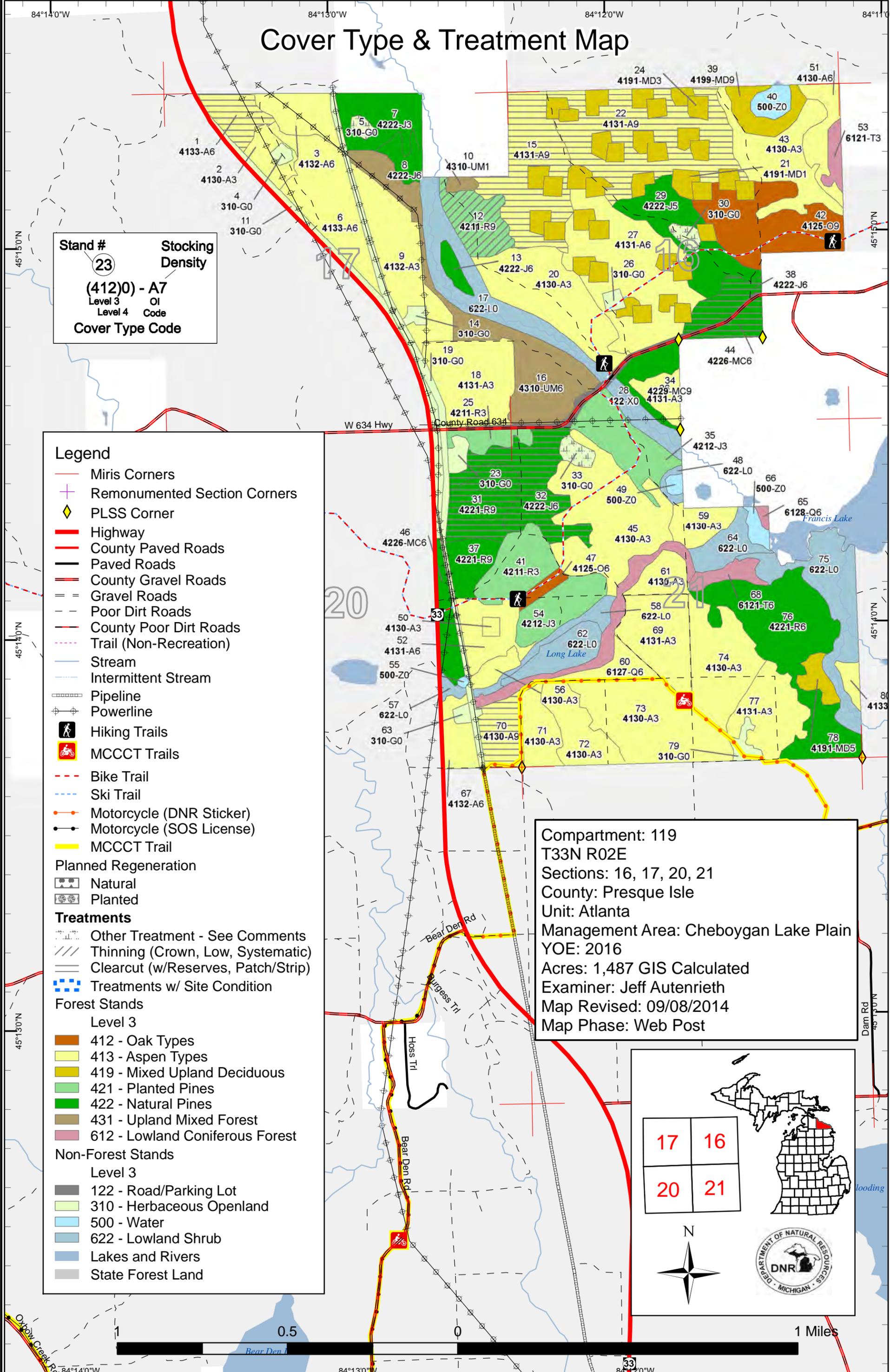
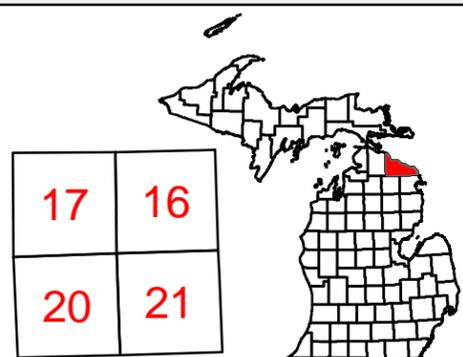
# Cover Type & Treatment Map

Stand # **23** Stacking Density  
**(412)0 - A7**  
 Level 3 OI  
 Level 4 Code  
 Cover Type Code

## Legend

- Miris Corners
- + Remonumented Section Corners
- ◆ PLSS Corner
- Highway
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Trail (Non-Recreation)
- Stream
- Intermittent Stream
- Pipeline
- Powerline
- Hiking Trails
- MCCCT Trails
- Bike Trail
- Ski Trail
- Motorcycle (DNR Sticker)
- Motorcycle (SOS License)
- MCCCT Trail
- Planned Regeneration
  - Natural
  - Planted
- Treatments**
  - Other Treatment - See Comments
  - Thinning (Crown, Low, Systematic)
  - Clearcut (w/Reserves, Patch/Strip)
  - Treatments w/ Site Condition
- Forest Stands
  - Level 3
    - 412 - Oak Types
    - 413 - Aspen Types
    - 419 - Mixed Upland Deciduous
    - 421 - Planted Pines
    - 422 - Natural Pines
    - 431 - Upland Mixed Forest
    - 612 - Lowland Coniferous Forest
- Non-Forest Stands
  - Level 3
    - 122 - Road/Parking Lot
    - 310 - Herbaceous Openland
    - 500 - Water
    - 622 - Lowland Shrub
    - Lakes and Rivers
    - State Forest Land

Compartment: 119  
 T33N R02E  
 Sections: 16, 17, 20, 21  
 County: Presque Isle  
 Unit: Atlanta  
 Management Area: Cheboygan Lake Plain  
 YOE: 2016  
 Acres: 1,487 GIS Calculated  
 Examiner: Jeff Autenrieth  
 Map Revised: 09/08/2014  
 Map Phase: Web Post



# Stand Boundary Map

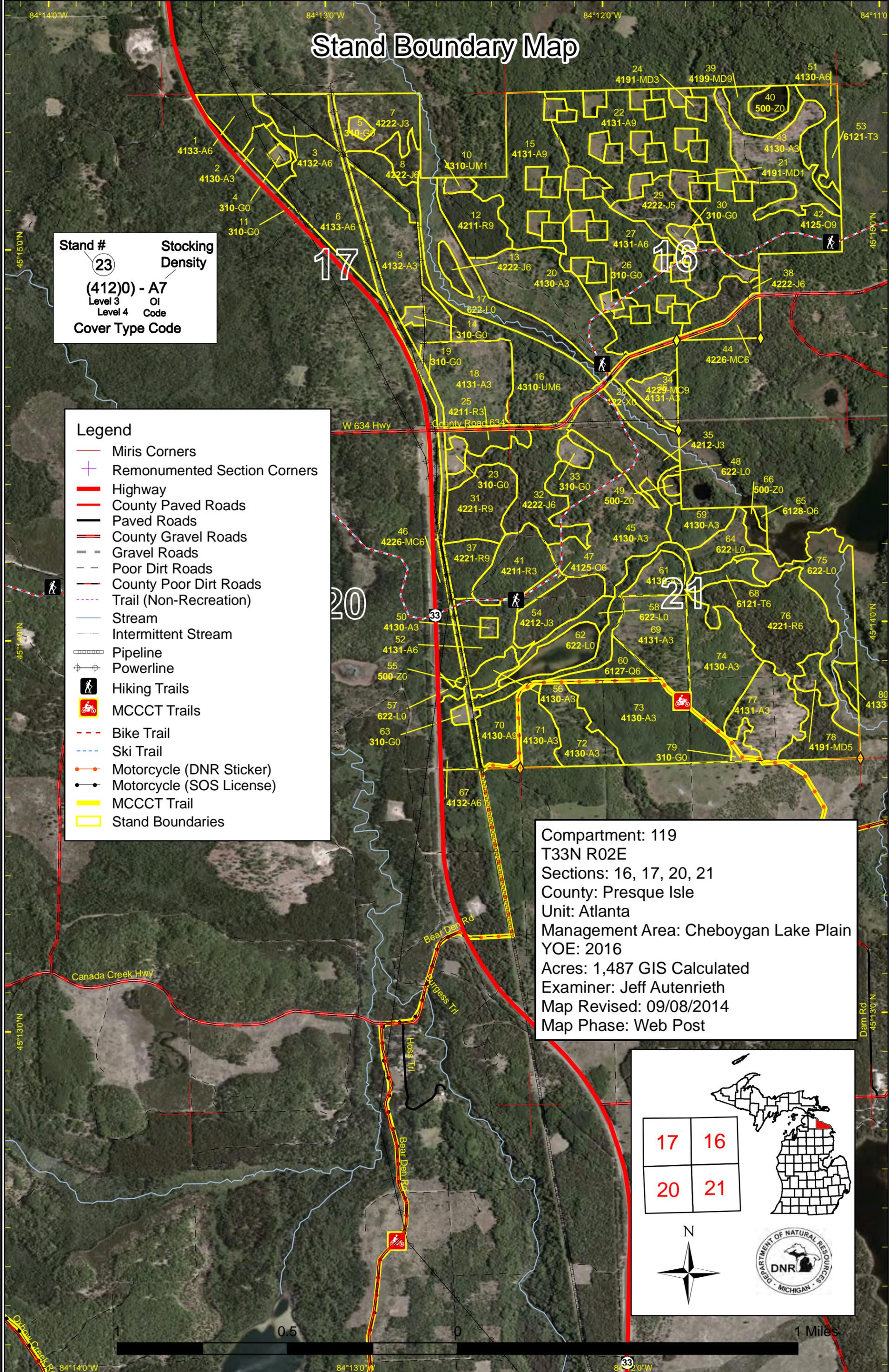
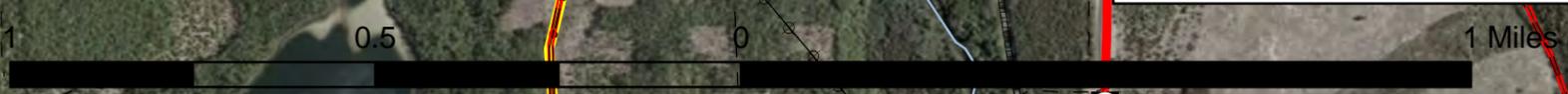
**Stand #**  
**23**  
**(412)0 - A7**  
 Level 3 OI  
 Level 4 Code  
**Cover Type Code**

## Legend

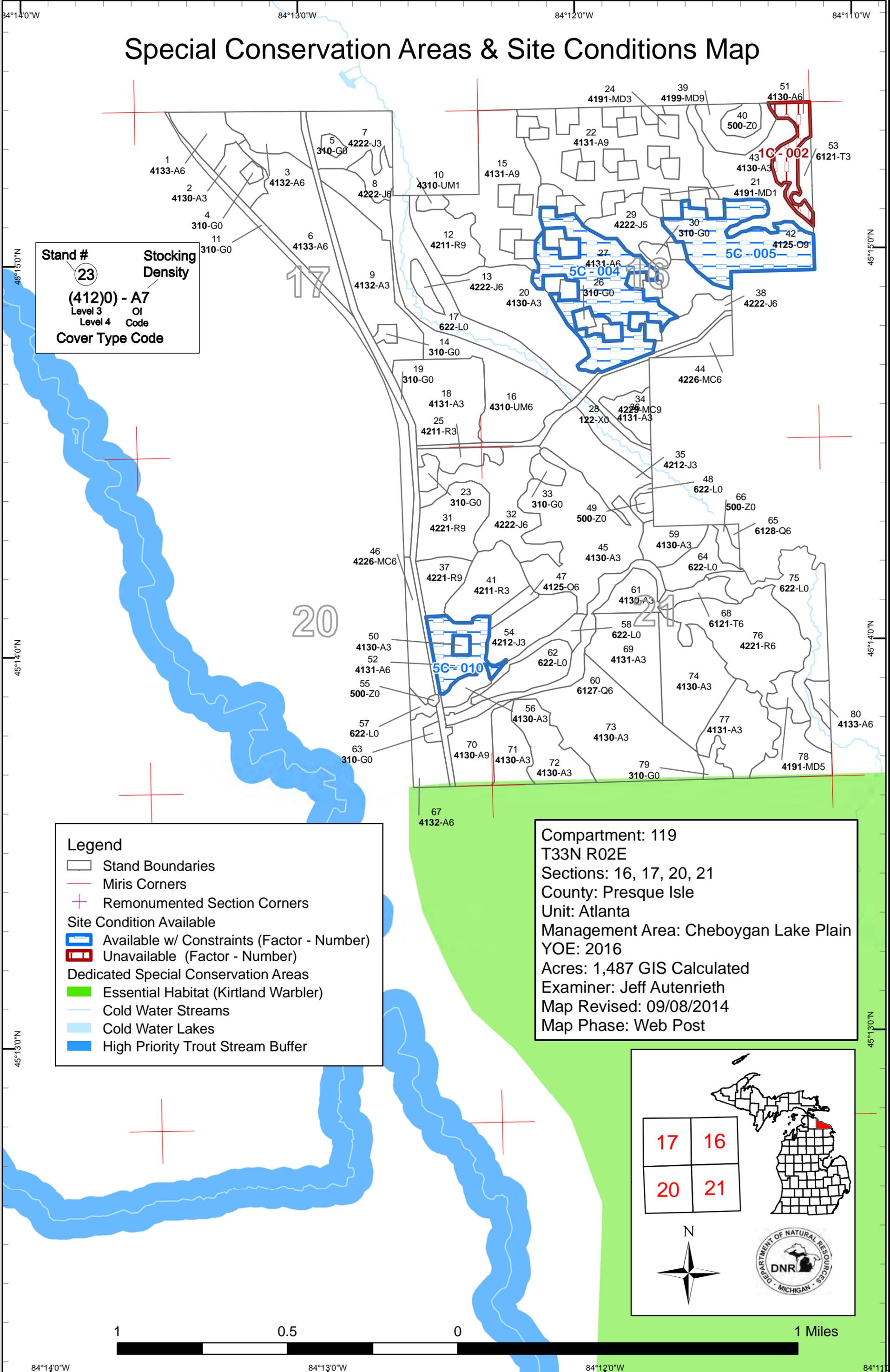
- Miris Corners
- Remonumented Section Corners
- Highway
- County Paved Roads
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- Intermittent Stream
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- Hiking Trails
- MCCCT Trails
- Bike Trail
- Ski Trail
- Motorcycle (DNR Sticker)
- Motorcycle (SOS License)
- MCCCT Trail
- Stand Boundaries

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17	16
20	21



# Special Conservation Areas & Site Conditions Map

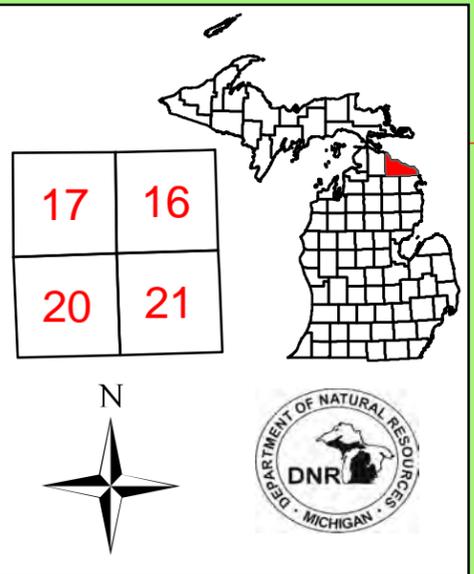


**Stand #**  
 23  
**Stocking Density**  
 (4120) - A7  
 Level 3 OI  
 Level 4 Code  
**Cover Type Code**

**Legend**

- Stand Boundaries
- Miris Corners
- ⊕ Remonumented Section Corners
- Site Condition Available
- ▭ Available w/ Constraints (Factor - Number)
- ▭ Unavailable (Factor - Number)
- Dedicated Special Conservation Areas
- Essential Habitat (Kirtland Warbler)
- Cold Water Streams
- Cold Water Lakes
- ▭ High Priority Trout Stream Buffer

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Report 1 – Total Acres by Cover Type and Age Class



	Age Class														Total
	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 +	Uneven Age	
Aspen	214	85	87	114	67	51	0	0	112	0	0	0	0	0	729
Herbaceous Openland	67	0	0	0	0	0	0	0	0	0	0	0	0	0	67
Jack Pine	0	26	19	29	0	43	0	34	0	0	0	0	0	0	151
Lowland Conifers	0	0	0	0	0	1	17	0	0	0	0	0	0	0	18
Lowland Shrub	120	0	0	0	0	0	0	0	0	0	0	0	0	0	120
Mixed Upland Deciduous	39	33	0	0	0	0	6	11	0	0	0	0	0	0	90
Natural Mixed Pines	0	0	0	0	12	18	0	0	0	0	0	0	0	0	30
Oak	0	0	0	0	0	0	4	42	0	0	0	0	0	0	46
Red Pine	0	0	29	0	64	19	0	36	0	0	0	0	0	0	148
Tamarack	0	0	0	0	0	12	0	0	0	0	0	0	0	0	12
Upland Mixed Forest	2	0	0	0	0	51	0	0	0	0	0	0	0	0	54
Urban	10	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Water	12	0	0	0	0	0	0	0	0	0	0	0	0	0	12
<b>Total</b>	<b>465</b>	<b>144</b>	<b>135</b>	<b>143</b>	<b>143</b>	<b>195</b>	<b>27</b>	<b>124</b>	<b>112</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1487</b>



## Report 2 – Proposed Treatment Summaries

**Atlanta Mgt. Unit**  
**Year of Entry 2016**

**Compartment 119**  
**Total Compartment Acres: 1,487**

### Acres by Treatment Type

Commercial Harvest - 224    Tree Planting - 58    Other - 0  
 Habitat Cut - 0    Opening Maintenance - 9

### Cover Type by Harvest Method

	Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
<b>Aspen Types</b>	129	0	0	0	0	0	129
<b>Natural Pines</b>	76	0	0	0	0	0	76
<b>Planted Pines</b>	0	0	0	0	19	0	19
<b>Total</b>	<b>205</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>19</b>	<b>0</b>	<b>224</b>



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
1	54119001-Cut	12.9	4133 - Aspen, Mixed Pine	High Density Pole	50		Harvest	Clearcut	413 - Aspen	Cmpt. Review Proposal

Prescription Final harvest. Leave scattered large white pine. Leave 3-10% of stand acres in a pocket for retention.

Specs:

Other

Comments:

Next Acceptable regen can be of medium/well stocked aspen, oak, maple, and pine. Apply natural regen check as applicable.

Steps:

Proposed

Start Date: 10/01/2015

12	54119012-Cut	19.0	42110 - Planted Red Pine	High Density Log	55	200+	Harvest	Systematic Thinning	4211 - Planted Red Pine	Cmpt. Review Proposal
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Prescription Third row thin. Only cut trees in rows designated to cut. A mix of species currently in stand will be left in uncut rows as retention.

Specs:

Other

Comments:

Next

Steps:

Proposed

Start Date: 10/01/2015

15	54119015-Cut	42.7	4131 - Aspen, Oak	High Density Log	46		Harvest	Clearcut with Reserves	4131 - Aspen, Oak	Cmpt. Review Proposal
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Prescription Final harvest. Leave 3-10% of stand as retention, with focus on areas heavy to oak.

Specs:

Other

Comments:

Next

Steps:

Acceptable regen can be of med/well stocked aspen, oak, maple, or pine. Apply natural regen check.

Proposed

Start Date: 10/01/2015

22	54119022-Cut	56.9	4131 - Aspen, Oak	High Density Log	85		Harvest	Clearcut with Reserves	4131 - Aspen, Oak	Cmpt. Review Proposal
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Prescription Final harvest. Leave 3-10% of stand area as retention, with focus being on areas heavy with oak.

Specs:

Other

Comments:

Next

Steps:

Acceptable regen can be of med/well stocked oak, aspen, maple, and pine. Apply natural regen check.

Proposed

Start Date: 10/01/2015

31	54119031-Cut	33.7	42210 - Natural Red Pine	High Density Log	74	171-200	Harvest	Clearcut	4211 - Planted Red Pine	Cmpt. Review Proposal
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Prescription Final harvest. Leave 3-10% of stand area on the west side of stand along powerline to allow planting/site prep operations. Cut all trees 2" or bigger. Use 6" stump spec. Require the chipping of all tops. Use two-track as the split between timber sale units.

Specs:

Other

Comments:

Next

Steps:

Acceptable regen can be of med/well stocked red pine. Allow for site prep by mechanical/burning/herbiciding for successful planting.

Proposed

Start Date: 10/01/2015

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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
32 54119032-Cut	24.2	42220 - Natural Jack Pine	High Density Pole	74		Harvest	Clearcut	4212 - Planted Jack Pine	Cmpt. Review Proposal

Prescription Final harvest. Leave 3-10% of stand area as retention. Use two-track along west side of stand as unit boundary.

Specs:

Other

Comments:

Next Steps: Acceptable regen can be of med/well stocked jack pine, red pine, oak, and aspen. Allow mechanical/burning/herbicide to site prep for successful planitng if natural regeneration fails. Do a natural regen check as applicable.

Proposed

Start Date: 10/01/2015

38 54119038-Cut	10.9	42220 - Natural Jack Pine	High Density Pole	57		Harvest	Clearcut	4310 - Pine, Oak Mix	Cmpt. Review Proposal
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Prescription Final harvest. Leave 3-10% sale area as retention.

Specs:

Other

Comments:

Next Steps: Acceptable regen can be of med/well stocked pine, oak, and aspen. Apply natural regen check as applicable. If natural regen fails, plant to jack pine.

Proposed

Start Date: 10/01/2015

44 54119044-Cut	7.6	42260 - Natural Pine, Mixed Deciduous	High Density Pole	57	111-140	Harvest	Clearcut with Reserves	42260 - Natural Pine, Mixed Deciduous	Cmpt. Review Proposal
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Prescription Final harvest. Leave a few large white pine scattered through out stand. Leave 3-10% stand area as retention along road to prevent confusion as to location of property lines.

Specs:

Other

Comments:

Next Steps: Acceptable regen can be of med/well stocked pine, oak, and aspen. Apply natural regen check as applicable. If natural regen fails, replant to jack pine.

Proposed

Start Date: 10/01/2015

70 54119070-Cut	16.2	4130 - Aspen	High Density Log	50	81-110	Harvest	Clearcut with Reserves	4131 - Aspen, Oak	Cmpt. Review Proposal
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Prescription Final harvest. Leave 3-10% of stand area as retention.

Specs:

Other

Comments:

Next Steps: Acceptable regen can be of aspen, oak, and maple.

Proposed

Start Date: 10/01/2015



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
5	NF_54119005- NonFor	2.2	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Plant to food and cover crops for wildlife or maintain grasses using mechanical methods or fire as funding allows.										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
30	NF_54119030- NonFor	3.0	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Plant to food and cover crops for wildlife or maintain grasses using mechanical methods or fire as funding allows.										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
33	NF_54119033- NonFor	4.0	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Plant to food and cover crops for wildlife or maintain grasses using mechanical methods or fire as funding allows.										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
<b>Total Treatment Acreage Proposed: 233.3</b>										

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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
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#Type!

#Type!

Prescription  
Specs:

Other  
Comment:

Next  
Steps:

Proposed  
Start Date: #Type!

Limiting Factor

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**Total Treatment**  
**Acreage Proposed: 0.0**

## Report 5 – Site Conditions

Atlanta Mgt. Unit  
Jeff Autenrieth : Examiner

Compartment 119  
Year of Entry 2016

### Availability for Management

Total Acres	Acres		Dominant Site Conditions	Dominant Site Conditions			
	Available	Not Available		Un	No	5C	1C
728	716	13	<b>Aspen</b>		643	73	13
151	151		<b>Jack Pine</b>		151		
18	18		<b>Lowland Conifers</b>		18		
89	86	3	<b>Mixed Upland Deciduous</b>	3	86		
30	30		<b>Natural Mixed Pines</b>		30		
46	46		<b>Oak</b>		4	42	
148	148		<b>Red Pine</b>		148		
12	12		<b>Tamarack</b>		12		
54	54		<b>Upland Mixed Forest</b>		54		
1,277	1,261	16	Total Forested Acres	3	1,146	115	13
	99%	1%	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
002	Not Available	1C: Other dept or div proc/practices	13				
<b>Comments:</b> Stand was left as a buffer to lowland area to east after sale.							
004	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	55				
<b>Comments:</b>							
005	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	42				
<b>Comments:</b>							

**Report 5 – Site Conditions**

**Atlanta Mgt. Unit**  
**Jeff Autenrieth : Examiner**

**Compartment 119**  
**Year of Entry 2016**

010	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	18
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**Comments:**



### Report 6 – 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 7 – 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	Archaeological Site	An aquatic or terrestrial area of the State that contains physical remains of human occupation. These are sites of cultural and historical significance that may occur upon terrestrial areas and Great Lakes bottomlands. They include thousands of Native American settlements and burial sites, as well as French and British outposts, nineteenth century logging camps, mines and homesteads. Beneath the waters of the Great Lakes, there are shipwrecks and other remains documenting the maritime trade. Such sites may be identified by Natural heritage data from the State Historic Preservation Office. Proposed treatments in this compartment will be implemented in such a manner as to maintain the integrity of these sites. Due to the sensitive nature of this information, no further detail about location is available.
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
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.
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.
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.

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## Atlanta Mgt. Unit

## Report 8 – Forested Stands

Compartment: 119  
Year of Entry: 2016

Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
4133 - Aspen, Mixed Pine	High Density Pole	12.9	50		New stand added.
4130 - Aspen	High Density Sapling	8.8	23		Stand swapped from Non-Forested to Forested.
4132 - Aspen, Jack Pine	High Density Pole	15.8	37	141-170	
4133 - Aspen, Mixed Pine	High Density Pole	38.1	37		
42220 - Natural Jack Pine	High Density Sapling	21.8	38		Natural regen looks good.
42220 - Natural Jack Pine	High Density Pole	7.0	37	81-110	
4132 - Aspen, Jack Pine	High Density Sapling	38.3	16		
4310 - Pine, Oak Mix	Low Density Sapling	2.5	7		
42110 - Planted Red Pine	High Density Log	19.0	55	200+	Has not been third row thinned.
42220 - Natural Jack Pine	High Density Pole	4.2	50		
4131 - Aspen, Oak	High Density Log	42.7	46		
4310 - Pine, Oak Mix	High Density Pole	51.5	57		Stand buffers creek. Beaver activity in area.
4131 - Aspen, Oak	High Density Sapling	36.7	6		
4130 - Aspen	High Density Sapling	46.1	4		
4191 - Mixed Upland Deciduous with Conifer	Low Density Sapling	38.8	7		Second series of 5 spot cuts in compartment. Lots of browse damage.
4131 - Aspen, Oak	High Density Log	56.9	85		
4191 - Mixed Upland Deciduous with Conifer	High Density Sapling	33.1	17		First series of 5 spots cut in compartment
42110 - Planted Red Pine	High Density Sapling	7.5	24		

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## Atlanta Mgt. Unit

## Report 8 – Forested Stands

Compartment: 119  
Year of Entry: 2016

Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
4131 - Aspen, Oak	High Density Pole	55.1	82		
42220 - Natural Jack Pine	Medium Density Pole	27.7	57		Jack pine is poor quality and has some mortality.
42210 - Natural Red Pine	High Density Log	23.9	74	171-200	New stand added.
42220 - Natural Jack Pine	High Density Pole	34.0	74		
42290 - Natural Mixed Pine	High Density Log	10.5	53	51-80	Small stand. Possible retention/buffer from previous adjacent harvest.
42120 - Planted Jack Pine	High Density Sapling	25.7	15		
4131 - Aspen, Oak	High Density Sapling	8.9	6		New stand added.
42210 - Natural Red Pine	High Density Log	12.1	74	111-140	
42220 - Natural Jack Pine	High Density Pole	10.9	57		
4199 - Other Mixed Upland Deciduous	High Density Log	11.4	74		Stand was left as buffer for pong/wetland area.
42110 - Planted Red Pine	High Density Sapling	21.6	24		
4125 - Black, N. Pin Oak	High Density Log	42.4	79	51-80	
4130 - Aspen	High Density Sapling	32.7	4		
42260 - Natural Pine, Mixed Deciduous	High Density Pole	7.6	57	111-140	
4130 - Aspen	High Density Sapling	59.8	31		
42260 - Natural Pine, Mixed Deciduous	High Density Pole	12.4	47	51-80	Stand swapped from Non-Forested to Forested. Stand buffers powerline and adjacent recent harvests.
4125 - Black, N. Pin Oak	High Density Pole	3.8	60	51-80	Very poor quality oak.
4130 - Aspen	High Density Sapling	1.9	16		



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
51	4130 - Aspen	High Density Pole	13.0	49		Tag alder in low pockets. Stand acts as buffer from recent sale and wetland.
52	4131 - Aspen, Oak	High Density Pole	17.6	51		
53	6121 - Tamarack	High Density Sapling	5.1	50		Stand has saturated soils.
54	42120 - Planted Jack Pine	High Density Sapling	19.1	24		
56	4130 - Aspen	High Density Sapling	5.6	28		
59	4130 - Aspen	High Density Sapling	11.5	28		
60	6127 - Lowland Pine	High Density Pole	16.8	65	51-80	Stand was left as a buffer along Long Lake when adjacent timber sales were harvested. Evidence of recent beaver activity.
61	4130 - Aspen	High Density Sapling	10.4	16		
65	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	1.2	50		
67	4132 - Aspen, Jack Pine	High Density Pole	11.0	45		New stand added.
68	6121 - Tamarack	High Density Pole	6.8	55		
69	4131 - Aspen, Oak	High Density Sapling	29.8	5		Previous Rx leave all oak.
70	4130 - Aspen	High Density Log	16.2	50	81-110	
71	4130 - Aspen	High Density Sapling	13.9	7		New stand added.
72	4130 - Aspen	High Density Sapling	20.0	5		Previous Rx do not cut oak.
73	4130 - Aspen	High Density Sapling	60.9	28		
74	4130 - Aspen	High Density Sapling	34.6	16		
76	42210 - Natural Red Pine	High Density Pole	64.2	49	111-140	Great stand of good natural pine.

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Atlanta Mgt. Unit

Report 8 – Forested Stands

Compartment: 119  
Year of Entry: 2016



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
77	4131 - Aspen, Oak	High Density Sapling	26.0	5		
78	4191 - Mixed Upland Deciduous with Conifer	Medium Density Pole	6.2	65	1-50	
80	4133 - Aspen, Mixed Pine	High Density Pole	3.9	50		Stream surrounds the rest of stand.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
4	3102 - Grass	1.8	Unspecified	Unspecified	
5	3102 - Grass	2.2	Unspecified	Unspecified	
11	3102 - Grass	19.7	Unspecified	Unspecified	
14	3102 - Grass	2.1	Unspecified	Unspecified	
17	6229 - Mixed lowland shrub	44.8	Unspecified	Unspecified	
19	3102 - Grass	23.5	Unspecified	Unspecified	
23	3102 - Grass	3.5	Unspecified	Unspecified	
26	3102 - Grass	2.0	Unspecified	Unspecified	
28	122 - Road/Parking Lot	10.0	Unspecified	Unspecified	
30	3102 - Grass	3.0	Unspecified	Unspecified	
33	3102 - Grass	4.0	Unspecified	Unspecified	
40	50 - Water	6.0	Unspecified	Unspecified	
48	6229 - Mixed lowland shrub	2.0	Unspecified	Unspecified	
49	50 - Water	1.8	Unspecified	Unspecified	
55	50 - Water	0.6	Unspecified	Unspecified	
57	6229 - Mixed lowland shrub	2.3	No	Unspecified	
58	6229 - Mixed lowland shrub	8.1	No	Unspecified	
62	6229 - Mixed lowland shrub	14.7	Unspecified	Unspecified	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
63	3102 - Grass	1.6	No	Unspecified	
64	6229 - Mixed lowland shrub	12.0	Unspecified	Unspecified	
66	50 - Water	3.5	Unspecified	Unspecified	
75	6229 - Mixed lowland shrub	36.1	Unspecified	Unspecified	
79	3102 - Grass	3.9	Unspecified	Unspecified	