



Compartment Review Presentation

Gaylord Forest Management Unit

Compartment 52117

Entry Year 2019

Acreage: 2,399

County Emmet

Management Area: Emmet Moraines

Revision Date: 2017-04-11

Stand Examiner: Shannon Harig

Legal Description:

T37N R5W Sec. 22,25,26,27,34,35,36

Identified Planning Goals:

To provide for the protection, integrated management and responsible use of a healthy, productive and undiminished forest resource base for the social, recreational, environmental and economic benefit of the State of Michigan.

Soil and topography:

The west side of the compartment is primarily Carbondale Muck and Tawas Peat. The east side is mostly Blue Lake Loamy Sand.

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

State ownership is somewhat fragmented. The surrounding land is mostly farm land and undeveloped swamp. Topography is level to the west and steep and hilly to the east.

Unique Natural Features:

None known

Archeological, Historical, and Cultural Features:

None known

Special Management Designations or Considerations:

Watershed and Fisheries Considerations:

This compartment is in the Maple River watershed, and contains portions of Brush Creek, W Br Maple River, and Pleasantview swamp, which is the headwaters of the W Br Maple River. Brush Creek and W Br Maple River are designated trout streams with Type 1 trout stream regulations. The prescribed management activities are appropriate for the protection of these waters.

Wildlife Habitat Considerations:

This compartment is primarily Pleasant View swamp on the west and northern hardwoods in the east. The Pleasant View swamp supports various wetland species including fur-bearers, amphibians, and waterfowl. A portion of the hardwoods will be treated and will provide structural diversity. Featured species include woodcock, wild turkey, deer, ruffed grouse and black bear.

Mineral Resource and Development Concerns and/or Restrictions

This area was recently leased (leases released in 2014) for oil and gas exploration as part of the Collingwood lease play. While the Collingwood has produced some hydrocarbons, the formation has not proven to be an economically viable resource play to date. Therefore, oil and gas potential within the compartment is considered low at this time. Metallic and bedrock non-metallic mineral potential is considered minimal. An active sand/gravel pit is located in Section 35 on private land. Sand and gravel potential within the compartment appears to be good.

Vehicle Access:

Good access to upland areas.

Survey Needs:

None

Recreational Facilities and Opportunities:

There is a snowmobile trail in the adjacent compartment to the east.

Fire Protection:

Additional Compartment Information:

The following reports from the Inventory are attached:

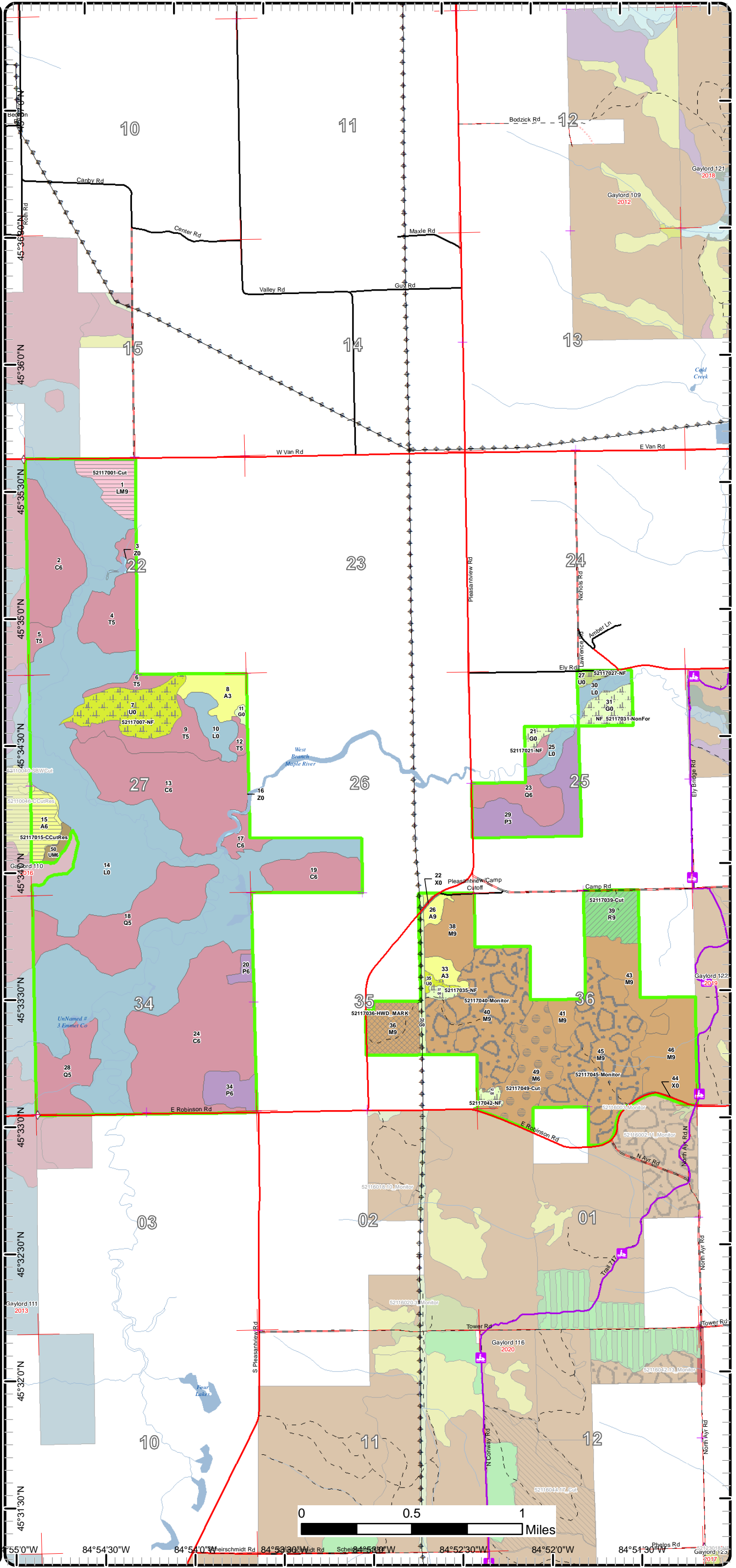
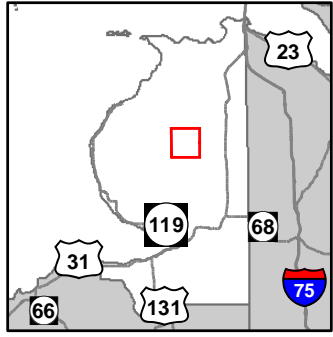
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

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

Cover Type & Treatments Map

Compartment: 117
 T37N, R05W, Sec. 22, 25-27, 34-36
 County: Emmet
 Unit: Gaylord
 Mgmt Area: Emmet Moraines
 YOE: 2019
 Acres: 2399.3 GIS Calculated
 Examiner: Shannon Harig
 Map Revised: 9/13/2017
 Map Phase: Post-Review

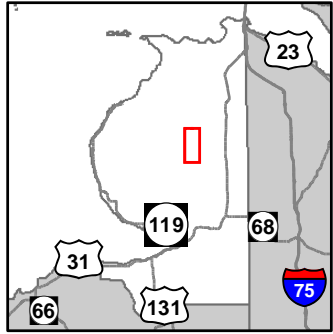


- Miris Corners
- + Remonumented Section Corners
- ◇ Field Grade GPS Corners
- ▭ Counties
- Snowmobile Trails
- Designated Snowmobile Trails
- County Paved Roads
- Paved Roads
- County Gravel Roads
- County Poor Dirt Roads
- Poor Dirt Roads
- Streams
- Lakes and Rivers All
- Powerline
- Compartment Boundary
- Other Treatment - See Comments
- ▨ Selection (Group, Single Tree)
- ▨ Clearcut (w/Reserves)
- ▨ Patch/Strip Cut (Femelschlag)
- ▨ Thinning (Crown, Low, Systematic)
- ▨ Regeneration Survey
- 411 - Northern Hardwood
- 413 - Aspen
- 421 - Planted Pines
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- Lakes

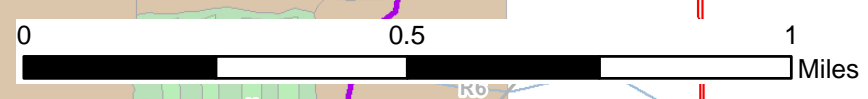
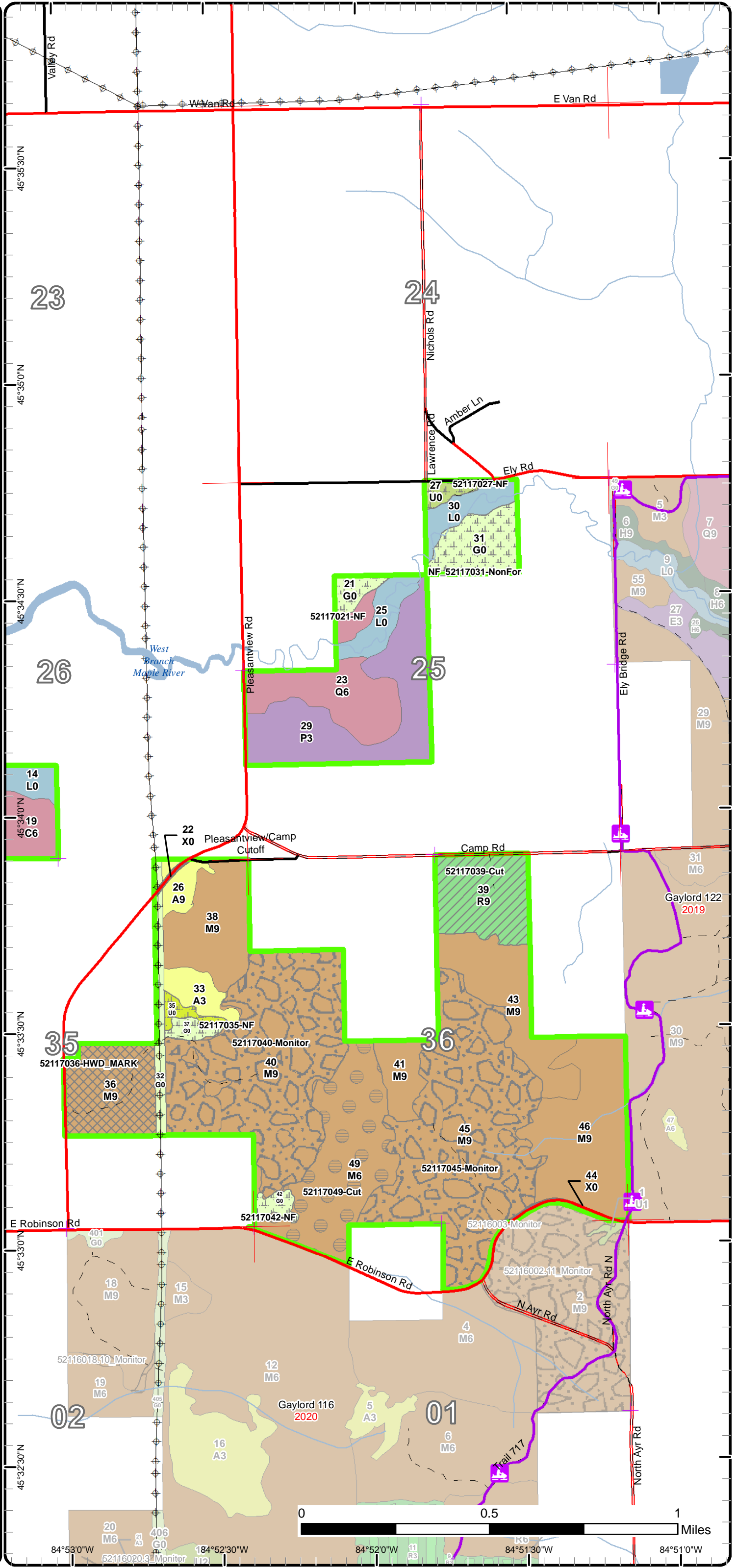
55°0'W 84°54'30"W 84°54'0"W Weirschmidt Rd 84°53'30"W Scheidt Rd 84°53'0"W 84°52'30"W 84°52'0"W 84°51'30"W

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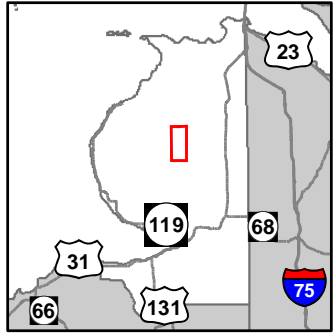
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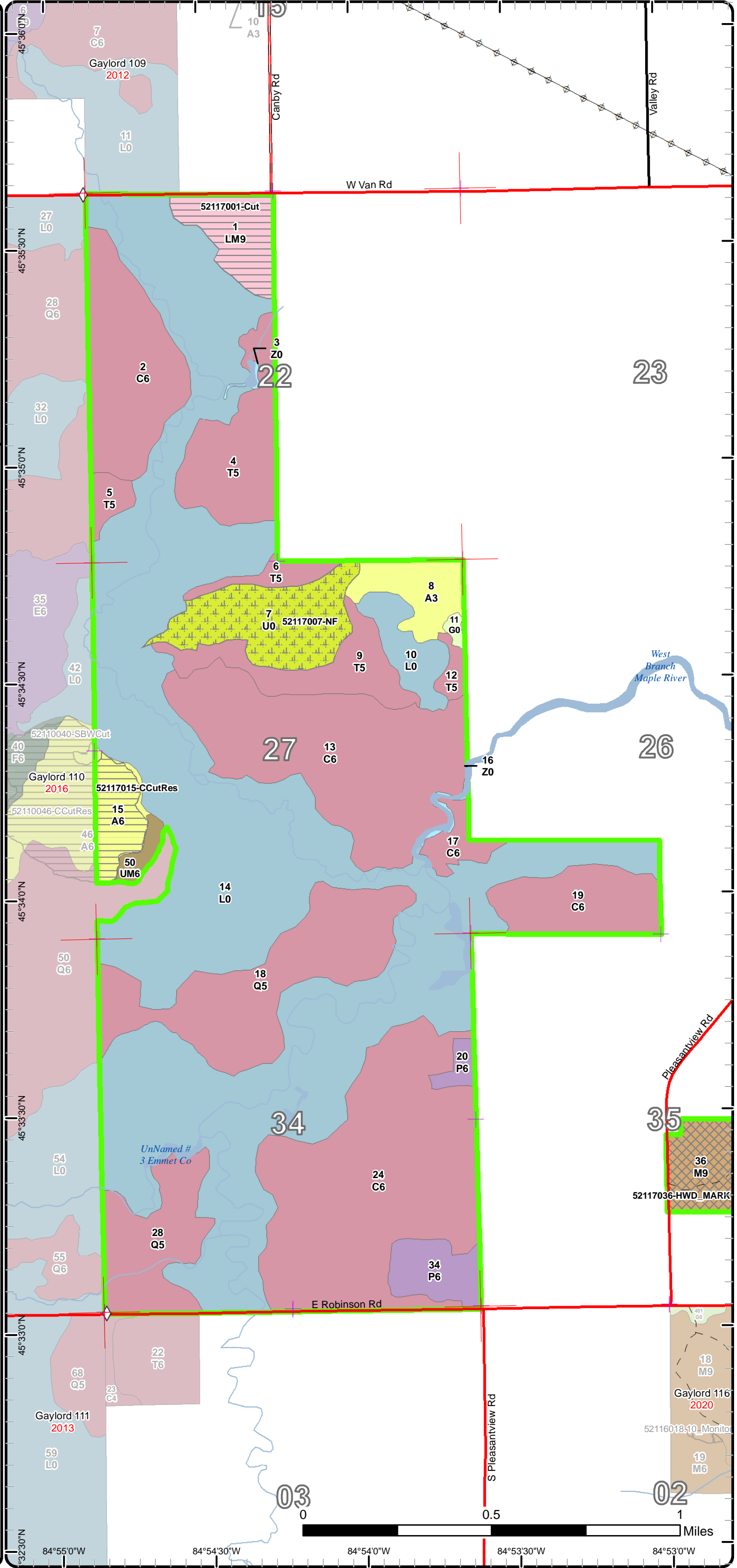
84°53'0"W 184°52'30"W 84°52'0"W 84°51'30"W 84°51'0"W

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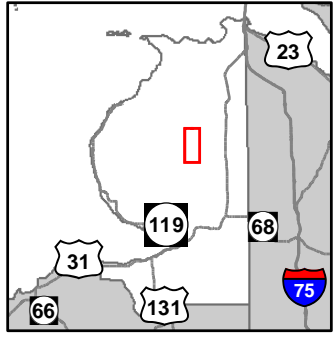


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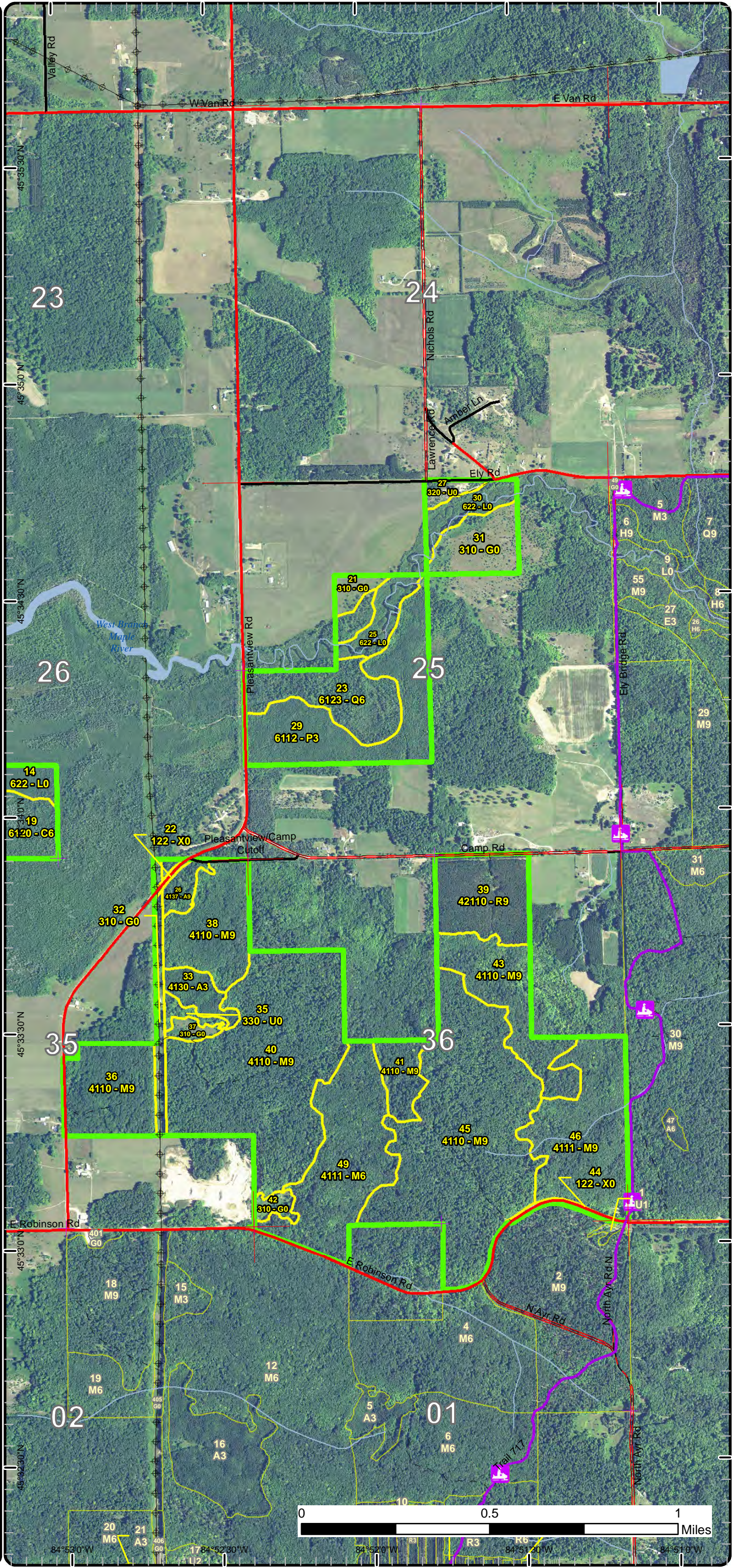


Stand Boundary Map

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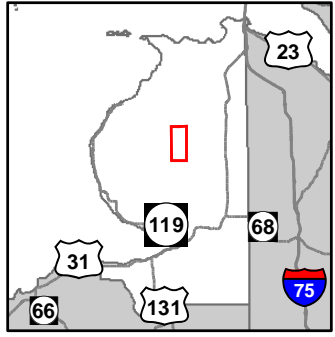


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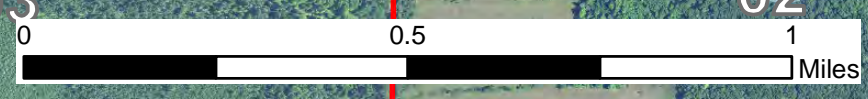
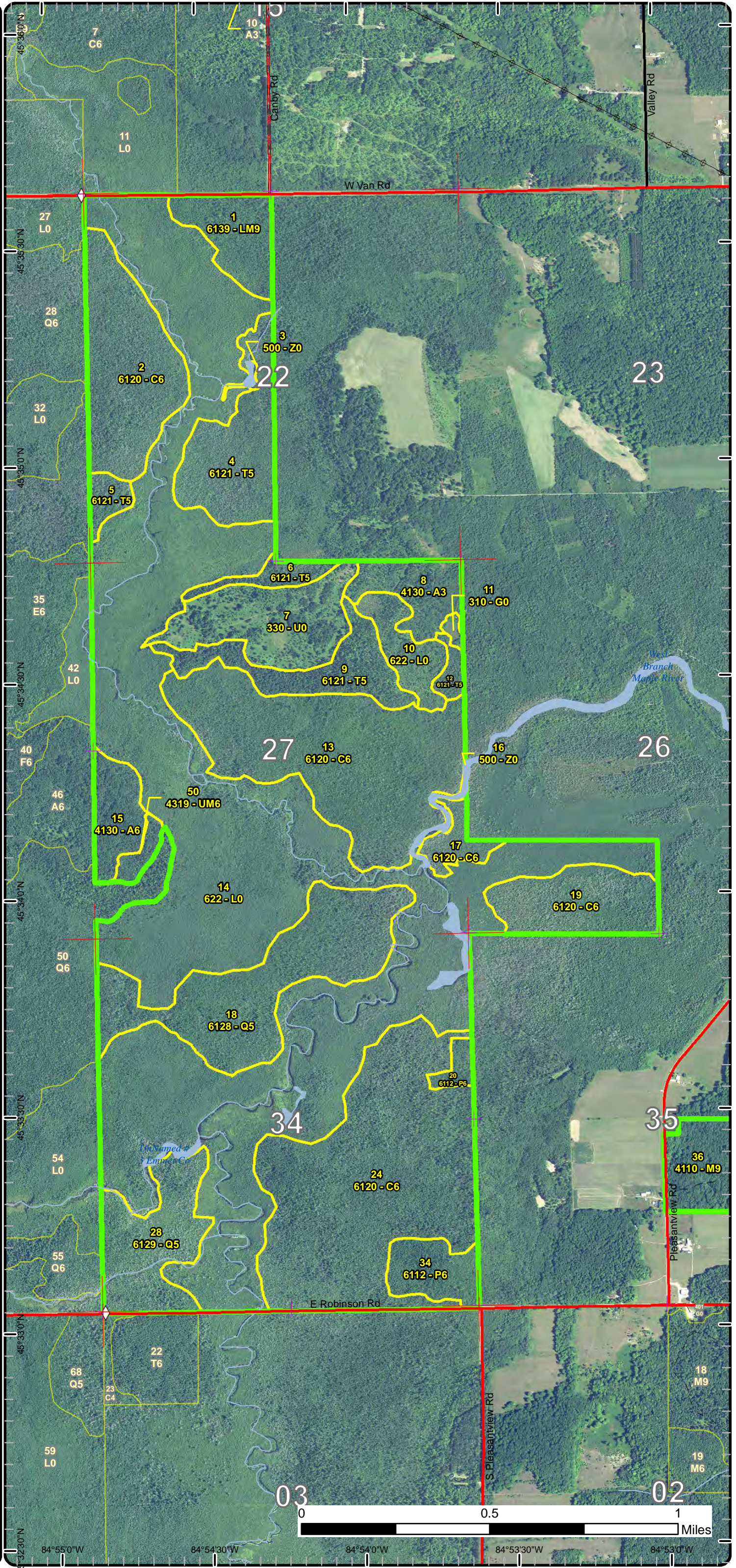


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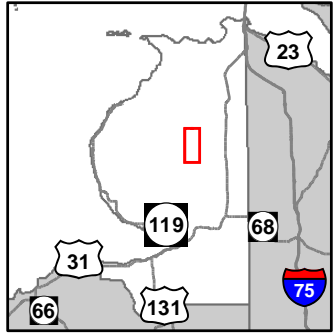
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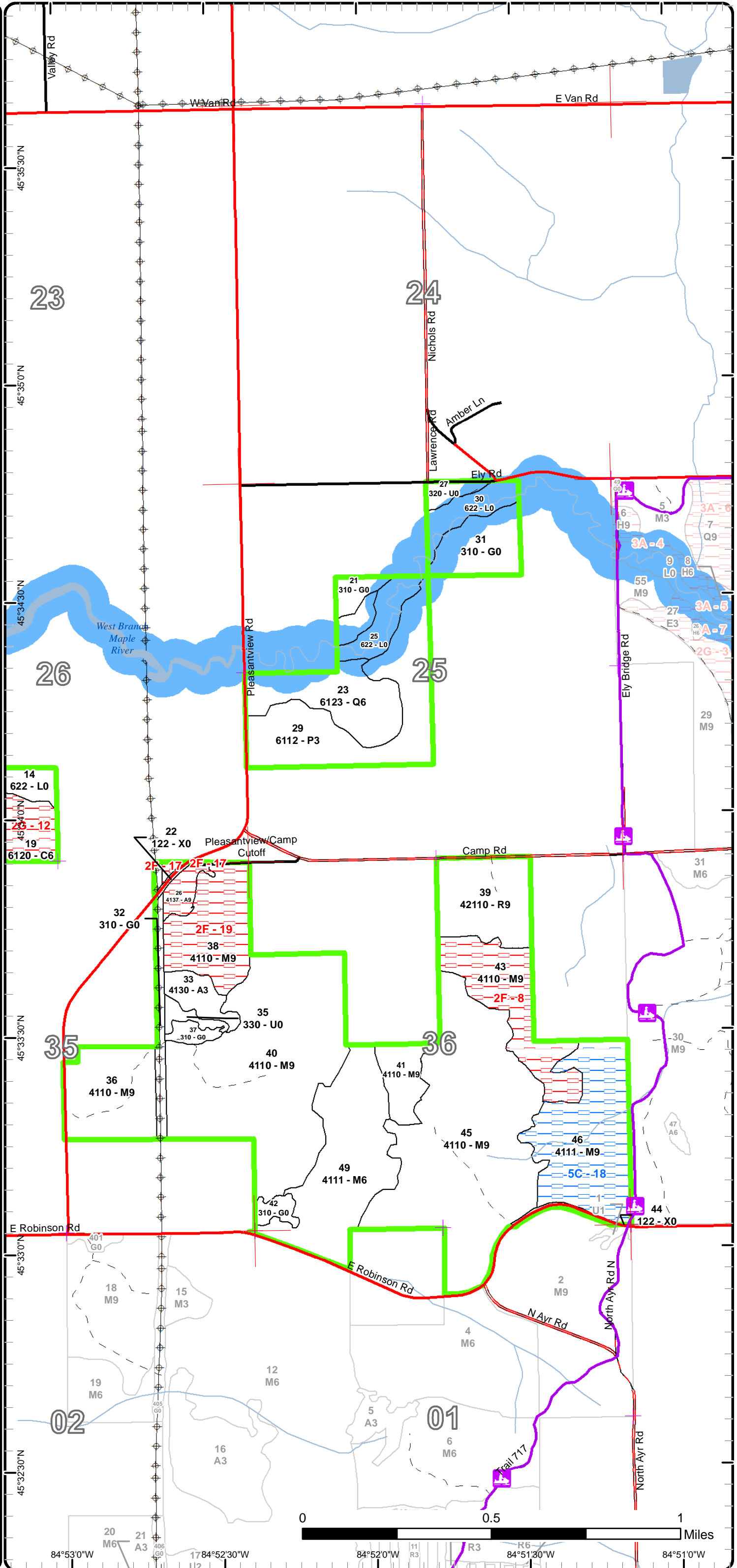
44°32'30"N 84°55'0"W 84°54'30"W 84°54'0"W 84°53'30"W 84°53'0"W

Special Conservation Areas & Site Conditions Map

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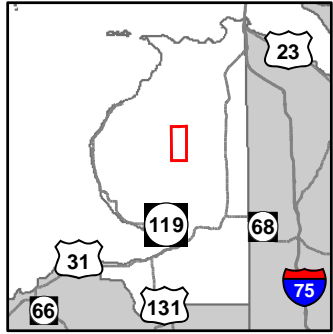


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- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 2F: Too steep
- 2G: Too wet (sensitive soils, does not include access issues)
- Stand Boundaries
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer

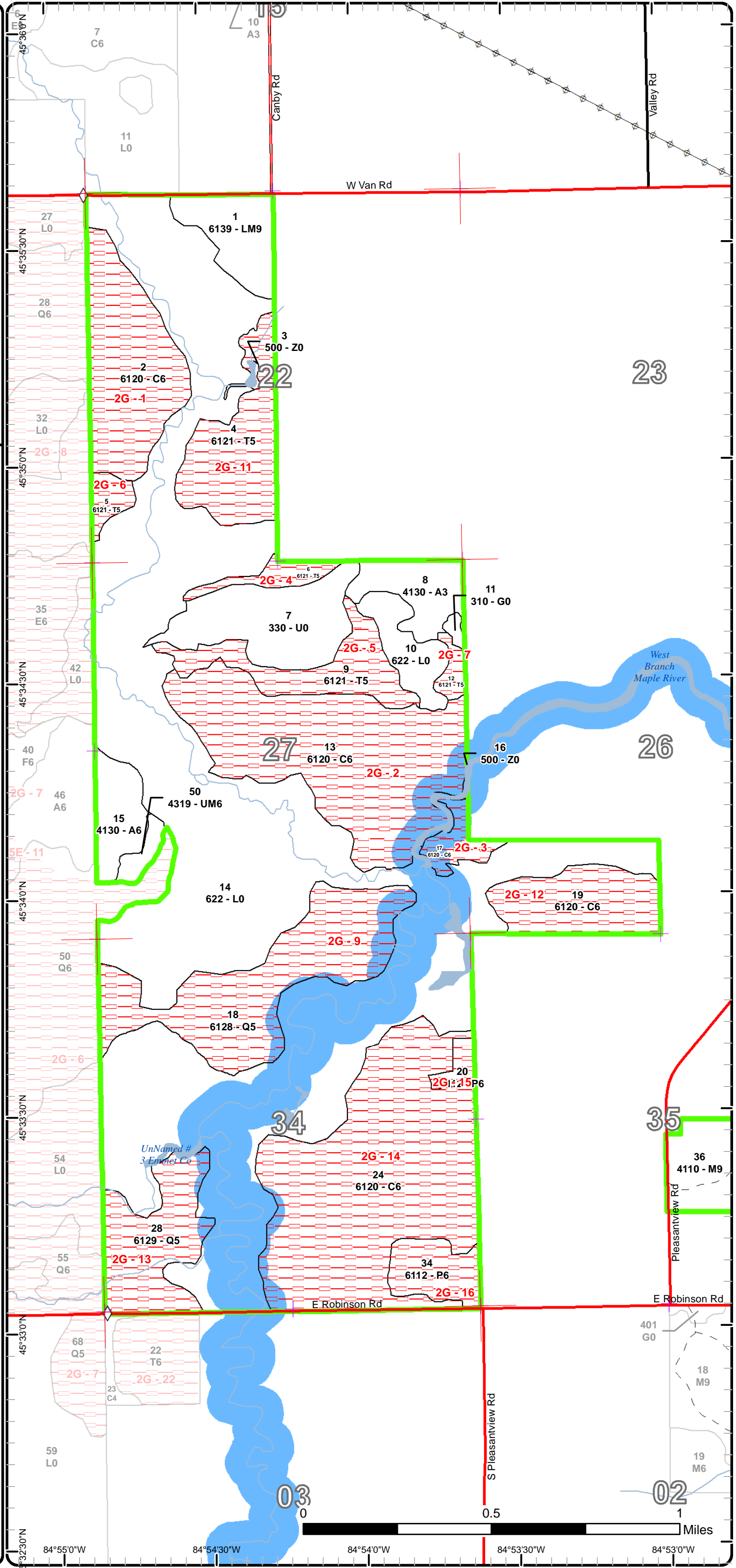


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Report 1 – Total Acres by Cover Type and Age Class



Age Class

	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	0	37	0	0	0	31	0	0	0	0	0	0	0	0	0	0	0	68
Cedar	0	0	0	0	0	0	0	0	0	403	77	0	0	0	0	0	0	0	480
Herbaceous Openland	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49
Low-Density Trees	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61
Lowland Aspen/Balsam Poplar	0	0	60	0	0	29	0	0	0	0	0	0	0	0	0	0	0	0	89
Lowland Conifers	0	0	0	0	0	40	0	0	0	0	0	158	0	0	0	0	0	0	198
Lowland Mixed Forest	0	0	0	0	0	0	0	31	0	0	0	0	0	0	0	0	0	0	31
Lowland Shrub	728	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	728
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	522	0	0	0	0	0	0	0	522
Red Pine	0	0	0	0	0	0	0	35	0	0	0	0	0	0	0	0	0	0	35
Tamarack	0	0	0	0	0	0	0	0	0	0	119	0	0	0	0	0	0	0	119
Upland Mixed Forest	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	7
Upland Shrub	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Urban	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Water	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Total	852	0	97	0	0	76	31	35	31	403	718	158	0	0	0	0	0	0	2401



Report 2 – Treatment Summary

Gaylord Mgt. Unit

Year of Entry: 2019

Acres of Harvest

Compartment 117

Total Compartment Acres: 2,399

Commercial Harvest - 159
 Harvests with Site Condition - 0
 Next Step Harvest - 0
 Habitat Cut - 31

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	21	0	0	0	0	0	0	0	0	21
Lowland Mixed Forest	31	0	0	0	0	0	0	0	0	31
Northern Hardwood	0	37	66	0	0	0	0	0	0	103
Red Pine	0	0	0	0	0	35	0	0	0	35
Total	52	37	66	0	0	35	0	0	0	190

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	190	0	0	0	0	0	263	0	102	555
Next Step	0	0	0	0	0	0	155	0	0	155
Total	190	0	0	0	0	0	418	0	102	710



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
1	52117001-Cut	30.7	6139 - Mixed Lowland Forest	Sawtimber Well	79	81-110	Harvest	Clearcut	613 - Lowland Mixed Forest	Even-Aged	Draft Field Boundary
Habitat Cut: Yes			Site Condition:								
<u>Prescription</u> Habitat Cut											
<u>Specs:</u>											
<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)											
<u>Treatments:</u>											
<u>Acceptable</u> Minimum stocking of lowland hardwoods and fir.											
<u>Regen:</u>											
<u>Other</u>											
<u>Comment:</u>											
<u>Proposed Start Date:</u> 10/01/2018											
7	52117007-NF	56.8	330 - Low-Density Trees	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
Habitat Cut: No			Site Condition:								
<u>Prescription</u> Mow, plant, brush,burn, or herbicide to maintain openings. Plant hard or soft mast.											
<u>Specs:</u>											
<u>Next Step</u>											
<u>Treatments:</u>											
<u>Acceptable</u>											
<u>Regen:</u>											
<u>Other</u>											
<u>Comment:</u>											
<u>Proposed Start Date:</u> 10/01/2018											
15	52117015- CCutRes	21.2	4130 - Aspen	Poletimber Well	55	51-80	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Field Boundary
Habitat Cut: No			Site Condition:								
<u>Prescription</u> Harvest with Stand 46, in Compartment 110 (2016 YOE) to the west. Access will have to be through private property from west off Larks Lake Rd. Final harvest this Y.O.E. cutting all trees two inches or larger except black cherry and incidental white pine, hemlock, and cedar. Harvest only during winter months (December 1 to April 1) to protect landowners roads and fields, and to help prevent excessive rutting on lower, poorly drained areas within the sale boundary in Stand 46.											
<u>Specs:</u>											
<u>Next Step</u> Monitoring, Natural Regen (Intermediate)											
<u>Treatments:</u>											
<u>Acceptable</u> A mix of quaking aspen with lesser amounts of balsam fir and mixed deciduous will be acceptable regen.											
<u>Regen:</u>											
<u>Other</u> Upland area in the northeast corner of the sale area, higher ground than Stand 46. Light but steady black cherry component on higher ground.											
<u>Comment:</u> Sparse, scattered paper birch, balsam fir, and red maple also present. Old next step comments: Regen survey. Acceptable regen will consist of a mix of quaking aspen with lesser amounts of mixed deciduous and balsam fir.											
<u>Proposed Start Date:</u> 10/01/2015											
21	52117021-NF	6.0	310 - Herbaceous Openland	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
Habitat Cut: No			Site Condition:								
<u>Prescription</u> Mow, plant, brush,burn, or herbicide to maintain openings. Plant hard or soft mast.											
<u>Specs:</u>											
<u>Next Step</u>											
<u>Treatments:</u>											
<u>Acceptable</u>											
<u>Regen:</u>											
<u>Other</u>											
<u>Comment:</u>											
<u>Proposed Start Date:</u> 10/01/2018											



Stand Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
27 52117027-NF	5.0	320 - Upland Shrub	Nonstocked			NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Mow, plant, brush,burn, or herbicide to maintain openings. Plant hard or soft mast.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018

35 52117035-NF	4.0	330 - Low-Density Trees	Nonstocked		Unspecified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Mow, plant, brush,burn, or herbicide to maintain openings. Plant hard or soft mast.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018

36 52117036-HWD_MARK	37.2	4110 - Sugar Maple Association	Sawtimber Well	97	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Mark to reduce BA to approximately 80 using guidelines set forth in the complete marker. Approximately one 100' canopy gap per two acres.

Specs: Leave all species other than sugar maple as retention.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Minimum stocking of northern hardwoods.

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018

37 52117037-NF	4.0	310 - Herbaceous Openland	Nonstocked		Unspecified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Mow, plant, brush,burn, or herbicide to maintain openings. Plant hard or soft mast.

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
39	52117039-Cut	35.3	42110 - Planted Red Pine	Sawtimber Well	66	141- 170	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Thin to 110 - 120 BA. Concentrate marking on stems that are suppressed and of poor form.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018

40	52117040- Monitor	125.0	4110 - Sugar Maple Association	Sawtimber Well	97	81-110	Monitoring	Natural Regen (Intermediate)	4110 - Sugar Maple Association	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Monitor to assure beech does not dominate acceptable regeneration.

Specs:

Next Step

Treatments:

Acceptable

Minimum stocking of northern hardwood. Excessive beech regeneration is not acceptable.

Regen:

Other

Percent to Treat = 100%

Comment:

Proposed Start Date: 10/01/2019

42	52117042-NF	4.4	310 - Herbaceous Openland	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Mow, plant, brush,burn, or herbicide to maintain openings. Plant hard or soft mast.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018

45	52117045- Monitor	137.9	4110 - Sugar Maple Association	Sawtimber Well	97	51-80	Monitoring	Natural Regen (Intermediate)	411 - Northern Hardwood	Uneven- Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Continue to monitor regeneration to assure beech does not dominate the stand.

Specs:

Next Step

Treatments:

Acceptable

Minimum stocking of northern hardwoods not dominated by beech.

Regen:

Other

Comment:

Proposed Start Date: 10/01/2019



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
49 52117049-Cut	65.5	4111 - S.Maple, Hard Mast Association	Poletimber Well	97	111-140	Harvest	Strip/Patch/Gap Cut (Femelschlag)	411 - Northern Hardwood	Uneven-Aged	Draft Field Boundary

Habitat Cut: No

Site Condition:

Prescription Harvest 15 to 20 percent of the canopy in strips and/or large patches. Terrain and access will determine the best harvest method to use throughout the treatment area.

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

Acceptable Minimum stocking of northern hardwoods.
Regen:

Other
Comment:

Proposed Start Date: 10/01/2018

31 NF_52117031-NonFor	21.9	310 - Herbaceous Openland	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	31022 - Warm Season Grass		Draft Field Boundary
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Habitat Cut: No

Site Condition:

Prescription Treat stand to set back woody vegetation and eradicate Spotted Knapweed. Plant to native grasses.

Specs:
Next Step
Treatments:

Acceptable
Regen:

Other Encroaching woody vegetation. Spotted Knapweed also present.
Comment:

Proposed Start Date: 10/01/2008

Total Treatment Acreage Proposed: 554.9

Report 4 – Site Conditions

Gaylord Mgt. Unit
Shannon Harig : Examiner

Compartment: 117
Year of Entry: 2019

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions		
		With Condition	Not Available		5C	2F	2G
68	60	0	8	Aspen		8	
480	0	0	480	Cedar			480
49	49	0	0	Herbaceous Openland			
61	61	0	0	Low-Density Trees			
89	60	0	29	Lowland Aspen/Balsam Poplar			29
198	40	0	158	Lowland Conifers			158
31	31	0	0	Lowland Mixed Forest			
728	728	0	0	Lowland Shrub			
521	384	62	76	Northern Hardwood	62	76	
35	35	0	0	Red Pine			
119	0	0	119	Tamarack			119
7	7	0	0	Upland Mixed Forest			
5	5	0	0	Upland Shrub			
4	4	0	0	Urban			
5	5	0	0	Water			
2,399	1,467	62	870	Total Forested Acres	62	84	787
	61%	3%	36%	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)	77	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	149	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gaylord Mgt. Unit
Shannon Harig : Examiner

Compartment: 117
Year of Entry: 2019

3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	39	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gaylord Mgt. Unit
Shannon Harig : Examiner

Compartment: 117
Year of Entry: 2019

8	Unavailable	2F: Too steep	39	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	104	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	55	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	45	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	55	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gaylord Mgt. Unit
Shannon Harig : Examiner

Compartment: 117
Year of Entry: 2019

14	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	196	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	23	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Unavailable	2F: Too steep	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
18	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	62	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
19	Unavailable	2F: Too steep	37	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
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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 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.



Stand	Gaylord Mgt. Unit		Report 7 – Forested Stands			Compartment: 117 Year of Entry: 2019
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	6139 - Mixed Lowland Forest	Sawtimber Well	30.7	79	81-110	Wet.
2	6120 - Lowland Cedar	Poletimber Well	76.8	92	Unspecified	
4	6121 - Tamarack	Poletimber Medium	54.5	92	Unspecified	
5	6121 - Tamarack	Poletimber Medium	8.5	92	Unspecified	
6	6121 - Tamarack	Poletimber Medium	10.6	92	Unspecified	
8	4130 - Aspen	Sapling Well	26.7	17	Unspecified	
9	6121 - Tamarack	Poletimber Medium	39.3	92	Unspecified	
12	6121 - Tamarack	Poletimber Medium	5.8	92		
13	6120 - Lowland Cedar	Poletimber Well	149.3	88	Unspecified	
15	4130 - Aspen	Poletimber Well	23.2	55	51-80	
17	6120 - Lowland Cedar	Poletimber Well	12.3	88	Unspecified	
18	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	103.7	103	Unspecified	
19	6120 - Lowland Cedar	Poletimber Well	45.3	88	Unspecified	
20	6112 - Lowland Aspen	Poletimber Well	6.1	41	Unspecified	In transition from sapling to pole size.
23	6123 - Lowland Fir	Poletimber Well	39.7	44	81-110	Fir looks good. Cherry and aspen falling out of stand.
24	6120 - Lowland Cedar	Poletimber Well	196.4	88	Unspecified	A lot of mortality and blowdown.
26	4137 - Aspen, Birch	Sawtimber Well	7.7	56	51-80	Steep, north facing slope. A few apple trees. Not operable.
28	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	54.5	103	Unspecified	A lot of dead and dying cedar.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
29	6112 - Lowland Aspen	Sapling Well	59.7	17	Immature	Wet, well stocked.
33	4130 - Aspen	Sapling Well	10.4	17	Immature	Small pocket of Paper Birch was left uncut on top of hill in center of stand. Regen looks good.
34	6112 - Lowland Aspen	Poletimber Well	23.3	41	Unspecified	
36	4110 - Sugar Maple Association	Sawtimber Well	37.2	97	111-140	Level terrain. Almost pure sugar maple. A couple Beech and Basswood present. BA = 138
38	4110 - Sugar Maple Association	Sawtimber Well	36.8	93	111-140	Timber quality is variable. Poor access. The steep valleys in most of the stand would limit operability.
39	42110 - Planted Red Pine	Sawtimber Well	35.3	66	141-170	Nice looking pine.
40	4110 - Sugar Maple Association	Sawtimber Well	128.8	97	81-110	Stand looks healthy. Hilly, steep in areas. Very little sugar maple regeneration observed. White ash, beech, ironwood and raspberry are prevalent.
41	4110 - Sugar Maple Association	Sawtimber Well	14.0	97	81-110	Nice Sugar Maple regen. Some Beech regen. Stand is mostly in a small valley.
43	4110 - Sugar Maple Association	Sawtimber Well	39.4	97	81-110	Multiple seeps in the NE part of the stand. A majority of the stand is steep and inoperable. Most of the beech is showing signs of decline as is the ash.
45	4110 - Sugar Maple Association	Sawtimber Well	137.9	97	51-80	Stand looks healthy. Hilly, steep in areas.
46	4111 - S.Maple, Hard Mast Association	Sawtimber Well	61.6	97	111-140	Stand looks healthy. Hilly, steep in areas. Some storm damage/blowdown throughout the stand.
49	4111 - S.Maple, Hard Mast Association	Poletimber Well	65.8	97	111-140	Low quality, small diameter stems. Hilly, steep in areas. Steep terrain may limit operability in parts of the stand especially to the north.
50	4319 - Mixed Upland Forest	Poletimber Well	6.7	47	51-80	



Stand	Cover Type	Acres	Managed Site	General Comments:
3	500 - Water	1.4	No	
7	330 - Low-Density Trees	56.8	No	
10	622 - Lowland Shrub	22.1	No	
11	310 - Herbaceous Openland	2.2	No	
14	622 - Lowland Shrub	680.6	No	
16	500 - Water	3.2	No	
21	310 - Herbaceous Openland	6.0	No	
22	122 - Road/Parking Lot	1.2	No	Pleasant View Rd.
25	622 - Lowland Shrub	12.8	No	
27	320 - Upland Shrub	5.0	No	Some white pine, red pine, paper birch, aspen and cherry.
30	622 - Lowland Shrub	12.3	No	
31	310 - Herbaceous Openland	21.9	No	
32	310 - Herbaceous Openland	10.8	No	Powerline ROW
35	330 - Low-Density Trees	4.0	No	
37	310 - Herbaceous Openland	4.0	No	
42	310 - Herbaceous Openland	4.5	No	
44	122 - Road/Parking Lot	2.4	No	