



Compartment Review Presentation

Pigeon River Country Forest Management Unit

Compartment 53009

Entry Year 2021

Acreage: 1,896

County Cheboygan

Management Area: Pigeon River Country

Revision Date: 2019-03-21

Stand Examiner: Richard McDonald

Legal Description:

T33N R01W Sections 4, 9, 16

Identified Planning Goals:

Maintain current species mix and apply appropriate management techniques to mature stands of timber that are in need of treatment.

Soil and topography:

Flat to gently rolling terrain with the soils predominantly part of the Cheboygan-Blue Lakes sands association.

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

Entirely state-owned land.

Unique Natural Features:

The Pigeon River is a Natural River.

Archeological, Historical, and Cultural Features:

None identified

Special Management Designations or Considerations:

The Pigeon River is part of the Natural Rivers program which has management implications along it's route.

Watershed and Fisheries Considerations:

A very small portion of the Pigeon River cuts through the SW corner of the compartment. The Pigeon River offers good Trout fishing opportunities.

Wildlife Habitat Considerations:

Please refer to Wildlife Biologist's comments.

Mineral Resource and Development Concerns and/or Restrictions

This compartment lies within the Consent Order Area and, as provided on page 33 of the Concept of Management, no new leases will be issued in this area.

Vehicle Access:

There is good access throughout the compartment.

Survey Needs:

None required.

Recreational Facilities and Opportunities:

The High Country Pathway, as well as the North Spur of the Shore To Shore Horse Trail, run nearly the full length of this compartment. Also, Pine Grove State Forest Campground is in the SW corner of the compartment.

Fire Protection:

Access is generally good in case of any wildfire suppression efforts, though the area is generally at low risk to any wildfire potential.

Additional Compartment Information:

The following reports from the Inventory are attached:

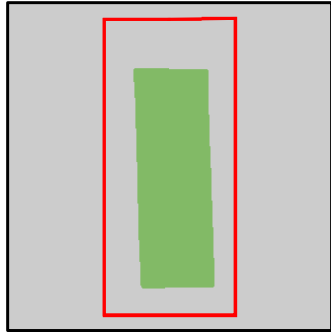
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

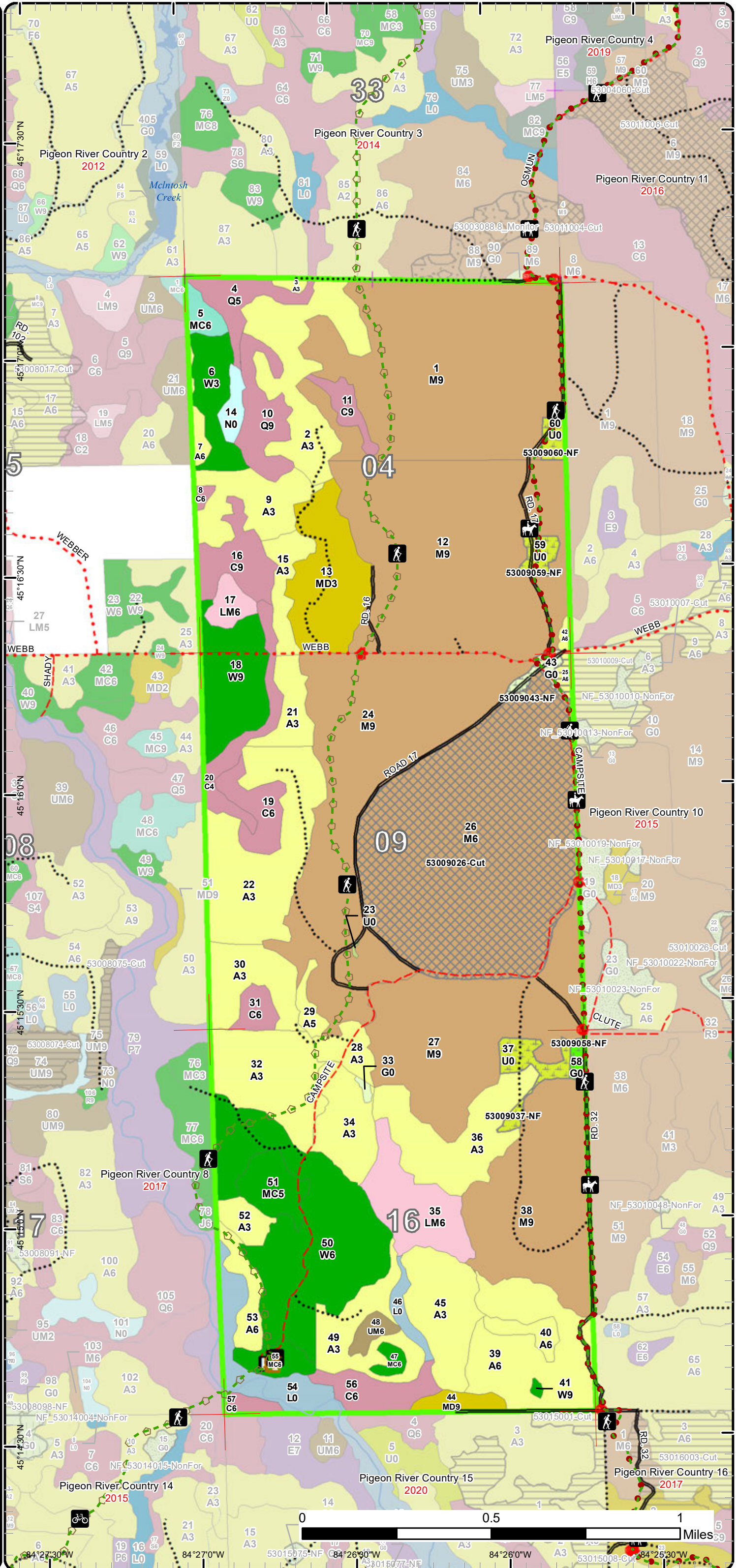
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 9
 T33N, R01W, Sec. 04, 09, 16
 County: Cheboygan
 Unit: Pigeon River Country
 Mgmt Area: Pigeon River Country
 YOE: 2021
 Acres: 1,896 GIS Calculated
 Examiner: Richard McDonald
 Map Revised: 6/12/2019
 Map Phase: Web-Post

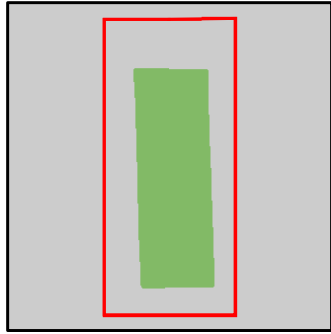


- Miris Corners
- + Remonumented Section Corners
- Counties
- DNR - Secondary Forest Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- DNR - Management Access (NLP)
- Hiking Trails
- Bike Trails
- Horse Trails
- Ski Trails
- Designated Hiking Trails
- Designated Bicycle Trails
- Designated Equestrian Trails
- Designated Snowshoe Trails
- Intermittent Stream
- Lake/Pond
- Lakes and Rivers All
- Toilet
- Campground
- Parking Lot
- Sign
- Structures
- Trailhead
- Compartment Boundary
- Other Treatment - See Comments
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 211 - Cropland
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- Lakes

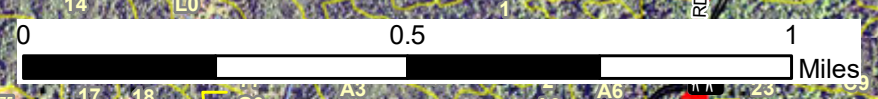
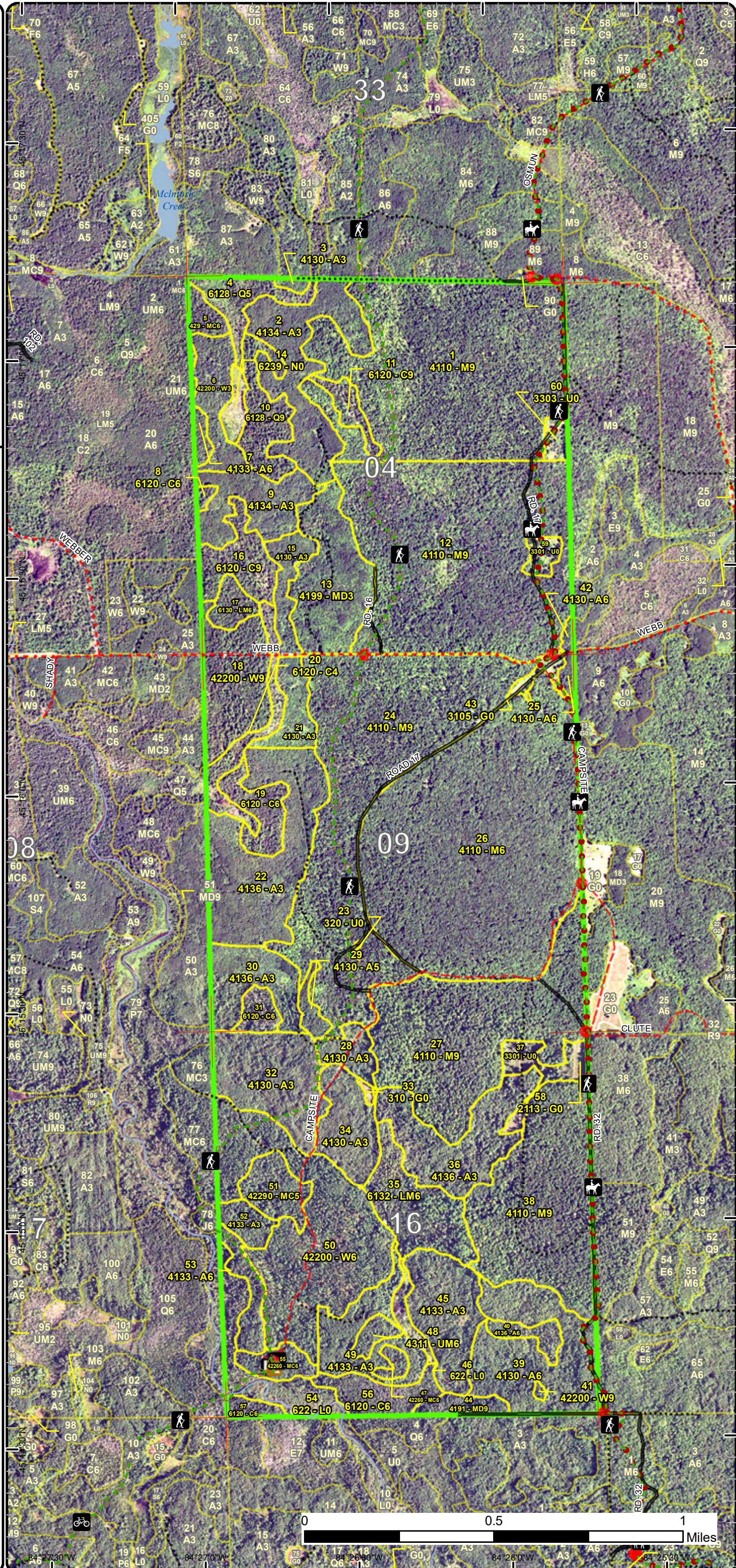


Stand Boundary Map

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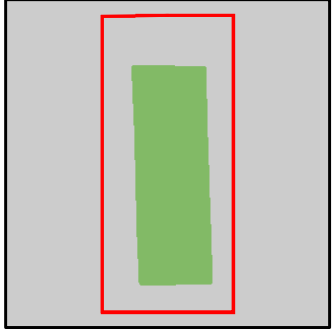


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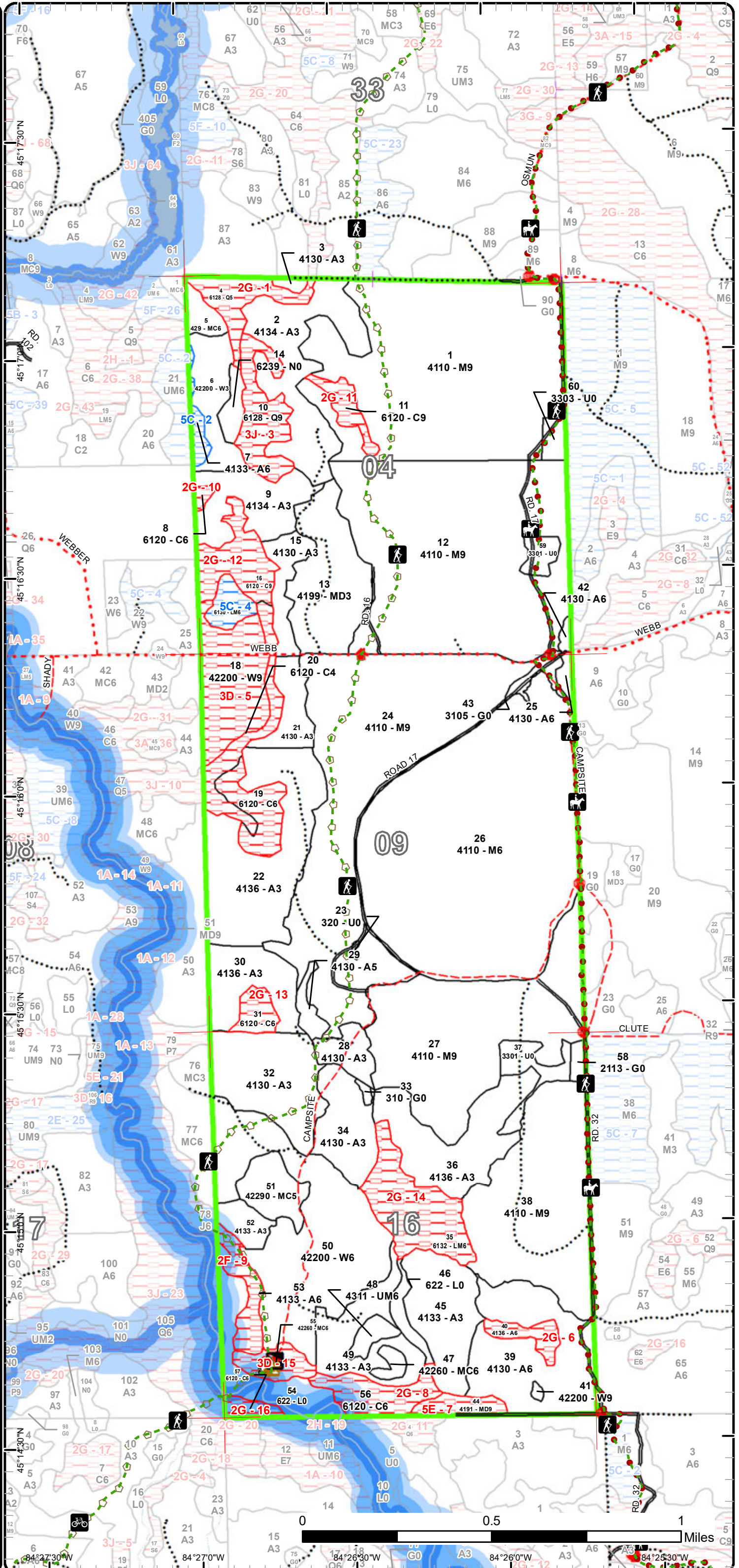


Special Conservation Areas & Site Conditions Map

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- Campground
- Parking Lot
- Sign
- Structures
- Trailhead
- 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)
- 3D: Recreational / Scenic values
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- Stand Boundaries
- Natural Rivers Vegetative Buffer
- Natural Rivers Zoning District
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer



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	24	114	304	5	4	0	11	12	0	0	0	0	0	0	0	0	474
Cedar	0	0	0	0	0	0	0	0	0	0	0	4	0	36	31	0	16	0	87
Cropland	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Herbaceous Openland	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Low-Density Trees	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	0	16	0	0	0	0	21	0	37
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	40	0	0	0	0	0	0	0	0	40
Lowland Shrub	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30
Marsh	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Mixed Upland Deciduous	0	0	0	0	0	0	44	0	0	7	0	0	0	0	0	0	0	0	51
Natural Mixed Pines	0	0	0	0	0	0	15	0	9	0	0	0	0	0	0	0	0	3	27
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	0	426	357	0	0	0	0	168	951
Upland Conifers	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	6
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5
Upland Shrub	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
White Pine	0	0	0	0	20	0	0	0	0	0	0	0	0	37	0	0	0	95	152
Total	65	0	24	114	324	5	63	0	20	65	0	446	357	73	31	0	37	271	1895



Pigeon River Country Mgt. Unit
Year of Entry: 2021

Report 2 – Treatment Summary

Compartment 9
Total Compartment Acres: 1,896

Acres of Harvest

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



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
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#Type!

Habitat Cut:PrescriptionSpecs:Next StepTreatments:AcceptableRegen:OtherComment:Proposed Start Date:**Site Condition:**

**Total Treatment
Acreage Proposed: 0.0**

**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	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Part of larger stand to the west. Cut with that stand when it's due.							
3	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	21	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This stand does contain several springs that flow out to the north.							
4	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Pigeon River Country Mgt. Unit
Richard McDonald : Examiner

Compartment: 9
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5	Unavailable	3D: Recreational / Scenic values	36	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: Springs within stand form a creek that flows west toward the Pigeon River.							
7	Unavailable	5E: Long-Term Retention	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Young aspen in every direction. Access is difficult for this small stand, so leave for long term retention.							
8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	16	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: Small stream running through. Wet stand							
9	Unavailable	2F: Too steep	11	3D: Recreational / Scenic values	Unspecified	Unspecified	Unspecified
Comments: Stand runs along ridge top and steep slope. High Country Pathway runs the full length of the stand.							
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Pigeon River Country Mgt. Unit
Richard McDonald : Examiner

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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)	51	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	33	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	3D: Recreational / Scenic values	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Pine Grove campground							
16	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:



Report 5 – PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

* This is a partial list of SCAs for this compartment. Not included are those areas identified under other Department initiatives (Natural Rivers, Deer Wintering Areas, etc.). Those will be identified in separate, future map and report products.

SCA Name	SCA Category	Detail Type	Recommendation	Acres
Comments				



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

Conservation Area	Type	Description
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
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	Natural Rivers	There are two Natural Rivers datasets which are derived from spatial buffers set from an established and approved distance from the river centerlines. The Natural Rivers Zoning District is a 400 foot buffer for most Natural Rivers. The Vegetative Buffer ranges from 25 to 100 feet. To view specific Zoning Districts and Vegetative Buffers for each Natural River see the table located on the I:\Documentation\GDSE data folder.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																										
1	4110 - Sugar Maple Association	Sawtimber Well	176.4	110	81-110	N/A	HIGH COUNTRY PATHWAY - "Burley's Mill Hardwood" sale was selectively cut in 2012-13. Residual BA after cut was approximately 90.																																										
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2	4134 - Aspen, Spruce/Fir	Sapling Well	49.0	31	Immature	N/A	Stand Year Origin was 1988																																										
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3	4130 - Aspen	Sapling Well	1.8	21	Immature	N/A	Small portion of larger stand in Comp. 3																																										
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4	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	15.6	101	1-50	N/A	THIS LOW WET STAND HAS FLOWING WATER. Black Ash has died out since last inventory.																																										
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5	429 - Mixed Upland Conifers	Poletimber Well	6.1	89	81-110	N/A	THIS IS A PORTION OF A PREVIOUS SALE WHICH WAS NOT COMPLETED. ACCESS IS DIFFICULT AND MAY HAVE TO WAIT FOR ANOTHER STAND IN COMPARTMENT TO WEST TO BE CUT.																																										
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6	42200 - Natural White Pine	Sapling Well	19.9	31	Immature	N/A	Stand cut in 1988 suffered some severe browse damage through the center of the stand wiping out a good amount of the Aspen in the stand. White Pine is taking over.																																										
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
7	4133 - Aspen, Mixed Pine	Poletimber Well	4.7	86	51-80	N/A	PART OF LARGER STAND TO THE WEST. THIS STAND WAS LEFT UNCUT WHEN STAND 6 WAS CUT. It may be cut with stand to the west in Comp. 8, but access is difficult.			
Canopy Species		% Cover	Size Class	DBH	Age	Canopy Species		Density	Avg. Height	Size
Bigtooth Aspen		60	Log/Pole	10	86	White Pine		Medium	10 - 20 feet	Sapling
White Pine		40	Log/Pole	10	86	Balsam Fir		Low	10 - 20 feet	Sapling
8	6120 - Lowland Cedar	Poletimber Well	1.7	124	81-110	N/A	OPIC - FMD: Stand is part of a larger swamp that lies mostly on private land to the west.			
Canopy Species		% Cover	Size Class	DBH	Age	Canopy Species		Density	Avg. Height	Size
Northern White Cedar		60	Log/Pole	10	124	Balsam Fir		Low	5 - 10 feet	Sapling
White Pine		20	Log/Pole	15	124	Tag Alder		Low	5 - 10 feet	Tall Shrub
White Spruce		10	Log/Pole	12						
Balsam Poplar		10	Log/Pole	10						
9	4134 - Aspen, Spruce/Fir	Sapling Well	28.2	27	Immature	N/A	Stand Year Origin was 1992			
Canopy Species		% Cover	Size Class	DBH	Age	Canopy Species		Density	Avg. Height	Size
Quaking Aspen		50	Sapling	3	27	Balsam Fir		Medium	10 - 20 feet	Sapling
Balsam Fir		25	Sapling	3	27	White Pine		Low	5 - 10 feet	Sapling
White Pine		10	Sapling	3		Red Maple		Low	5 - 10 feet	Sapling
Red Maple		10	Sapling	2						
10	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Well	21.2	164	141-170	N/A	Stand Year Origin was 1855. A little higher ground than your typical cedar stand and quite open underneath. Heavy yarding area for deer. Cutting may depend on deer needs but there is some nice cedar and white pine logs. Springs are present and feed a small creek that runs north.			
Canopy Species		% Cover	Size Class	DBH	Age	Canopy Species		Density	Avg. Height	Size
White Pine		30	XLog/Log	18	164	Balsam Fir		Low	10 - 20 feet	Sapling
Northern White Cedar		40	Log/Pole	12	164	Red Maple	Low	10 - 20 feet	Sapling	
11	6120 - Lowland Cedar	Sawtimber Well	7.4	124	51-80	N/A	ALow ravine/swale with springs that hold a good pocket of cedar.			
Canopy Species		% Cover	Size Class	DBH	Age	Canopy Species		Density	Avg. Height	Size
Northern White Cedar		80	Log/Pole	12	124	Sugar Maple		Low	5 - 10 feet	Sapling
Paper Birch		10	Log/Pole	12		Red Maple		Low	10 - 20 feet	Sapling
Red Maple		10	Log/Pole	10		Beech		Low	5 - 10 feet	Sapling
						Paper Birch	Low	5 - 10 feet	Sapling	
12	4110 - Sugar Maple Association	Sawtimber Well	180.2	110	81-110	N/A	Webb Road Hardwood sale cut in 2004. Dead Ash was salvaged in 2014 bringing the BA down even more. Residual BA just under 90 after initial cut.			
Canopy Species		% Cover	Size Class	DBH	Age	Canopy Species		Density	Avg. Height	Size
Sugar Maple		50	Log/Pole	12	110	White Ash		High	5 - 10 feet	Sapling
Basswood		32	Log	14	110	Ironwood		Medium	5 - 10 feet	Sapling
Beech		15	Log	12		Beech		Low	5 - 10 feet	Sapling
						Sugar Maple	Low	5 - 10 feet	Sapling	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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13	4199 - Other Mixed Upland Deciduous	Sapling Well	44.3	51	1-50	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	25	Sapling/Pole	3	51
Sugar Maple	15	Sapling/Pole	3	51
Ironwood	20	Sapling	3	51
Red Maple	15	Sapling	3	51
Quaking Aspen	10	Sapling	3	
Beech	10	Sapling	3	

15	4130 - Aspen	Sapling Well	13.0	32	Immature	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	75	Sapling	3	32
Balsam Fir	15	Sapling	3	32
Red Maple	10	Sapling	3	

Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	5 - 10 feet	Sapling
Red Maple	Low	5 - 10 feet	Sapling

16	6120 - Lowland Cedar	Sawtimber Well	20.0	124	171-200	N/A	Stand Year Origin was 1895. Stand can be fairly wet.
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Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	60	Log/Pole	10	124
White Pine	20	Log	16	124

Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	10 - 20 feet	Sapling
Black Ash	Low	5 - 10 feet	Sapling
Red Maple	Low	10 - 20 feet	Sapling

17	6130 - Fir, Aspen, Maple	Poletimber Well	7.6	80	51-80	N/A	Stand Year Origin was 1939. A good amount of overstory has died out allowing the regeneration to take over.
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Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	40	Pole	8	80
Quaking Aspen	25	Log/Pole	12	80
Red Pine	10	Log/Pole	12	
Paper Birch	15	Log/Pole	10	
Red Maple	10	Pole	8	

Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	10 - 20 feet	Sapling
White Pine	Medium	10 - 20 feet	Sapling
Red Maple	Medium	10 - 20 feet	Sapling

18	42200 - Natural White Pine	Sawtimber Well	36.2	124	81-110	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age
White Pine	85	XLog/Log	18	124

Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	10 - 20 feet	Sapling
Red Maple	Low	10 - 20 feet	Sapling

20	6120 - Lowland Cedar	Poletimber Poor	16.0	132	1-50	N/A	Wet drainage with poor quality trees.
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Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	70	Pole	8	132
Red Maple	10	Pole/Sapling	8	
Balsam Fir	15	Pole	8	

Canopy Species	Density	Avg. Height	Size
Red Maple	Medium	10 - 20 feet	Sapling
Balsam Fir	Low	10 - 20 feet	Sapling
Black Ash	Low	5 - 10 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
21	4130 - Aspen	Sapling Well	13.4	16	Immature	N/A	Stand Year Origin was 2003		
Canopy Species		% Cover	Size Class	DBH	Age	Canopy Species	Density	Avg. Height	Size
Quaking Aspen		80	Sapling	2	16	Red Maple	Low	5 - 10 feet	Sapling
Red Maple		10	Sapling	2	16	Balsam Fir	Low	5 - 10 feet	Sapling
22	4136 - Aspen, Mixed Conifer	Sapling Well	65.5	34	Immature	N/A	Stand Year Origin was 1985		
Canopy Species		% Cover	Size Class	DBH	Age	Canopy Species	Density	Avg. Height	Size
Quaking Aspen		35	Sapling	3	34	Balsam Fir	Medium	10 - 20 feet	Sapling
Bigtooth Aspen		25	Sapling	3	34	White Pine	Low	10 - 20 feet	Sapling
Red Maple		15	Sapling	3	34	Red Maple	Low	10 - 20 feet	Sapling
White Pine		10	Sapling	2					
Balsam Fir		10	Sapling	3					
23	320 - Upland Shrub	Nonstocked	0.4		Unspecified	No	Small opening in the hardwoods		
Canopy Species		Density	Avg. Height	Size					
Blackberry/Raspberry		Medium	< 5 feet	Tall Shrub					
Mixed Grasses		Medium	Unspecified	Non-Wood					
Bracken Fern		Low	Unspecified	Non-Wood					
24	4110 - Sugar Maple Association	Sawtimber Well	167.9	100	81-110	N/A	2014 - Huckleberry Hardwood 1 and 2. Dead white ash was salvaged in 2014.		
Canopy Species		% Cover	Size Class	DBH	Age	Canopy Species	Density	Avg. Height	Size
Sugar Maple		50	Log/Pole	10	100	Ironwood	Medium	5 - 10 feet	Sapling
Basswood		30	Log/Pole	12	100	White Ash	Medium	< 5 feet	Sapling
Beech		10	Log/Pole	12		Beech	Low	< 5 feet	Sapling
Paper Birch		8	Log/Pole	12		Sugar Maple	Low	< 5 feet	Sapling
25	4130 - Aspen	Poletimber Well	2.7	50	51-80	N/A	Part of larger stand to the east that is already prescribed and under contract as part of the Webb Aspen sale.		
Canopy Species		% Cover	Size Class	DBH	Age	Canopy Species	Density	Avg. Height	Size
Quaking Aspen		85	Pole	8	50	Red Maple	Low	10 - 20 feet	Sapling
Balsam Fir		10	Pole/Sapling	8	50				
26	4110 - Sugar Maple Association	Poletimber Well	222.7	100	111-140	N/A	Dead ash salvaged in 2014. Last remaining stand to be thinned in this compartment.		
Canopy Species		% Cover	Size Class	DBH	Age	Canopy Species	Density	Avg. Height	Size
Sugar Maple		50	Log/Pole	10	100	Ironwood	Low	10 - 20 feet	Sapling
Basswood		40	Log/Pole	12	100	Beech	Low	5 - 10 feet	Sapling
Beech		10	Log/Pole	12					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																										
27	4110 - Sugar Maple Association	Sawtimber Well	110.2	100	81-110	N/A	Thinned in 2004. Dead ash salvaged in 2014. Residual BA after original cut was approximately 90 before ash was removed.																																										
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32	4130 - Aspen	Sapling Well	42.8	34	1-50	N/A	Stand Year Origin was 1985. Drainage runs NW to SE and can be rather wet early in the year.																																										
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
34	4130 - Aspen	Sapling Well	24.4	25	Immature	N/A	Stand Year Origin was 1994. Stand can be seasonably wet.		
Canopy Species		% Cover	Size Class	DBH	Age	Canopy Species	Density	Avg. Height	Size
Quaking Aspen		55	Sapling	3	25	Red Maple	Medium	5 - 10 feet	Sapling
Bigtooth Aspen		20	Sapling	3	25	Tag Alder	Low	5 - 10 feet	Tall Shrub
Red Maple		15	Sapling	3		Balsam Fir	Low	5 - 10 feet	Sapling
Balsam Fir		7	Sapling	3					
35	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	32.8	89	81-110	N/A	Complex stand of mixed upland and lowland. Drainages and springs are throughout. Stand contains a large raptor nest that is periodically active. Good winter deer cover would be a good retention stand.		
Canopy Species		% Cover	Size Class	DBH	Age	Canopy Species	Density	Avg. Height	Size
Northern White Cedar		20	Pole	8	89	Balsam Fir	Low	10 - 20 feet	Sapling
Quaking Aspen		30	Log/Pole	12	89	Red Maple	Low	10 - 20 feet	Sapling
White Pine		15	Log	16	89	Tag Alder	Low	5 - 10 feet	Tall Shrub
Red Maple		10	Pole	8	89				
Balsam Fir		10	Pole	8					
36	4136 - Aspen, Mixed Conifer	Sapling Well	42.9	34	1-50	N/A	Stand Year Origin was 1985		
Canopy Species		% Cover	Size Class	DBH	Age	Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen		60	Sapling/Pole	4	34	Red Maple	Low	10 - 20 feet	Sapling
Balsam Fir		10	Sapling/Pole	4	34	Balsam Fir	Low	10 - 20 feet	Sapling
White Pine		15	Sapling/Pole	4	34	White Pine	Low	5 - 10 feet	Sapling
Quaking Aspen		10	Sapling/Pole	4	34				
38	4110 - Sugar Maple Association	Sawtimber Well	92.7	100	81-110	N/A	Stand was thinned in 2001-02. White Ash was salvaged from this stand in 2014. Residual after initial cut was about 90BA based on residual plot data. That was before the ash salvage which further took down the BA.		
Canopy Species		% Cover	Size Class	DBH	Age	Canopy Species	Density	Avg. Height	Size
Sugar Maple		60	Log/Pole	10	100	Ironwood	Medium	10 - 20 feet	Sapling
Basswood		30	Log/Pole	12	100	Sugar Maple	Low	5 - 10 feet	Sapling
Beech		8	Log/Pole	12		Beech	Medium	5 - 10 feet	Sapling
						White Ash	Low	5 - 10 feet	Sapling
39	4130 - Aspen	Poletimber Well	56.0	34	1-50	N/A	Stand Year Origin was 1985. Lots of Snowshoe Hare tracks throughout.		
Canopy Species		% Cover	Size Class	DBH	Age	Canopy Species	Density	Avg. Height	Size
Quaking Aspen		50	Pole/Sapling	6	34	Balsam Fir	Low	10 - 20 feet	Sapling
Bigtooth Aspen		15	Pole/Sapling	6	34	Red Maple	Medium	10 - 20 feet	Sapling
Balsam Fir		15	Sapling	4		Sugar Maple	Medium	10 - 20 feet	Sapling
Red Maple		10	Sapling	3		Paper Birch	Low	10 - 20 feet	Sapling
Sugar Maple		10	Sapling	3					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																					
40	4136 - Aspen, Mixed Conifer	Poletimber Well	6.8	89	51-80	N/A	Natural wet area with springs that form a small creek that flows south through stand 39 and eventually into Pigeon River. Use as a retention stand.																																					
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41	42200 - Natural White Pine	Sawtimber Well	0.7	129	81-110	N/A	Stand Year Origin was 1890																																					
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43	3105 - Mixed Upland Herbaceous	Nonstocked	4.8		Unspecified	No	Opening along Webb Rd and Campsite Rd. Seasonal camping use.																																					
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44	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	7.4	89	111-140	N/A	Small acreage with having to cross a creek to get to it makes it more desirable as a retention stand than managable.																																					
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46	622 - Lowland Shrub	Nonstocked	5.3		Unspecified	No	small creek bottom																																					
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47	42260 - Natural Pine, Mixed Deciduous	Poletimber Well	3.3	84	111-140	N/A	Pocket of thicker pine and aspen left uncut when stand 49 was cut. Cut with stand 49 when cut.																																						
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48	4311 - Pine, Aspen Mix	Poletimber Well	5.0	84	111-140	N/A	Pocket of mixed pine and aspen left uncut when stand 49 was cut. Cut when stand 49 is cut.																																						
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50	42200 - Natural White Pine	Poletimber Well	95.4	65	51-80	N/A	Stand was cut in 2005. Aspen, hardwood and jack pine was removed. Fairly heavy aspen regeneration in more open areas, but has had some browse damage.																																						
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51	42290 - Natural Mixed Pine	Poletimber Medium	15.2	55	1-50	N/A	Stand was cut in 1992. Seed tree Jack, Red and White Pine were left. Good Aspen and pine regeneration.																																						
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52	4133 - Aspen, Mixed Pine	Sapling Well	8.1	34	1-50	N/A	Stand Year Origin was 1985																																						
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53	4133 - Aspen, Mixed Pine	Poletimber Well	11.4	71	81-110	N/A	Ridge top and slope running down to the river bottom. Pigeon River is a natural river plus the High Country Pathway runs along the ridge top. Recreational influence plus the river makes it tough to harvest. Leave as retention stand.																																	
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54	622 - Lowland Shrub	Nonstocked	24.3	0	Unspecified	No	Pigeon River Floodplain																																	
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55	42260 - Natural Pine, Mixed Deciduous	Poletimber Well	9.3	71	51-80	N/A	This stand surrounds Pine Grove Campground.																																	
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56	6120 - Lowland Cedar	Poletimber Well	16.3	159	81-110	N/A	Swamp along Pigeon River with creek running through it.																																	
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59	3301 - Low Density Deciduous Trees	Nonstocked	5.3		Unspecified	No	Horse trail passes through stand.																																	
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