Compartment Review Presentation

Baraga Forest Management Unit

Compartment 11066
Entry Year: 2027
Acreage: 702
County: Ontonagon
Management Area: Houghton Hardwoods

Stand Examiner: Jason Collins

Legal Description:

T51N R37W, Sections 30, 31
T51N R38W, Section 36

Identified Planning Goals:

Manage for northern hardwood. Expand the oak component.

Soil and topography:

There is a ridge in part of the compartment. The remainder is level to rolling. Soils are clays and clay loams: Ontonagon – Bohemian association, Iron River loam, and Watton – Iron River – Baraga association.

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

This compartment is surrounded by private land. Mass City is to the southwest. Most of the private land is managed for timber.

Unique Natural Features:

Potential for eagle, wood turtle, osprey, great blue heron rookery, goshawk, red-shouldered hawk, moose, and wolf.

Archeological, Historical, and Cultural Features:

This area was intensively mined and explored for mines. There are numerous old mine workings. Any obvious foundations from the copper mining era shall be left out of any treatment and buffered.

Special Management Designations or Considerations:

Watershed and Fisheries Considerations:

This compartment contains Adventure Creek, Payseor Creek, and several unnamed designated trout streams. Maintain a buffer to the high bank of the valley wall along the designated trout stream in stand 003.

Wildlife Habitat Considerations:

Work to increase the oak and hemlock component.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of lacustrine (lake) clay and silt and thin to discontinuous till over bedrock. The glacial drift thickness varies from 100 to 200 feet. The Precambrian Portage Lake Volcanics subcrop below the glacial drift. The Portage Lake does not have a current economic use. Several abandoned copper mines are located in the Compartment. The compartment was previously leased and one parcel is currently leased, associated with the abandoned Adventure Mine. State lands in the area are leased for metallic mineral exploration. Gravel pits are located in the Compartment and potential may be good in places. There is no economic oil and gas production in the UP.

Vehicle Access:

M-26 crosses the compartment. Access to the compartment is good. Internal access is fair.

Survey Needs:

Survey will be needed for harvest activities.

Recreational Facilities and Opportunities:

The Bill Nicholls Rail-Trail crosses the compartment. This is used for snowmobile in the winter and as an ORV route in the summer.

Fire Protection:

This is not a fire prone area.

Additional Compartment Information:

The following reports from the Inventory are attached:

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

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

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

Cover Type & Treatments Map

Compartment: 11066
T51N R37W, Sections 30, 31
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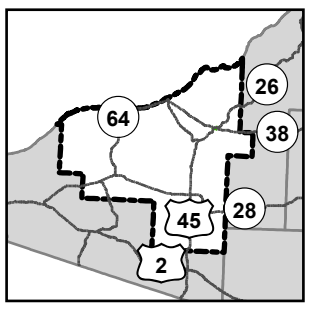
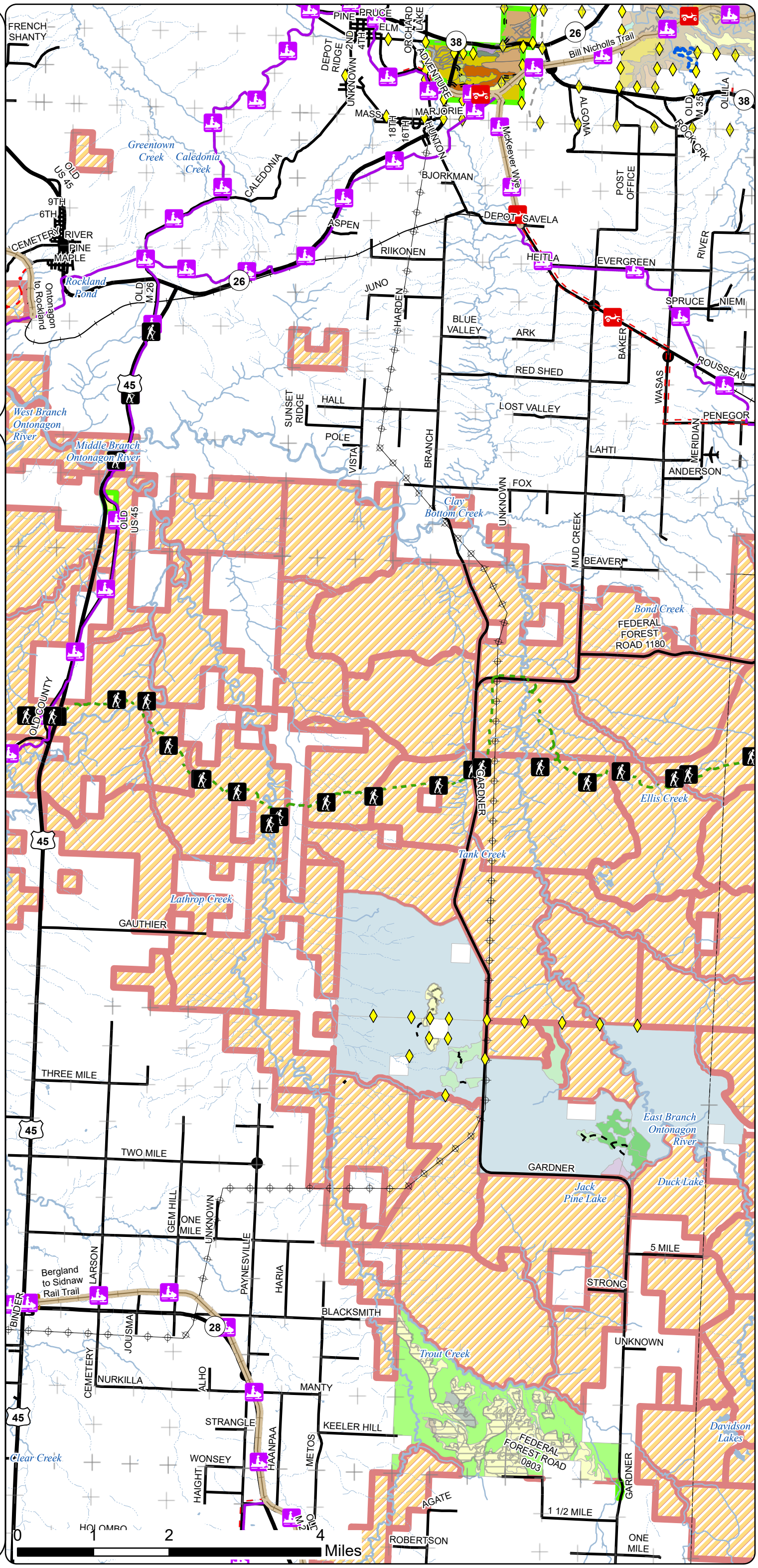


N

- Remonumented Section Corners
- Survey Grade Corners
- Gas Station
- Airport
- Berms
- Campground
- City
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Paved Road
- Private - Dirt / Gravel Road
- Active Railroads
- Abandoned Railroads
- Powerline
- Intermittent Stream
- Perennial River
- Lakes and Rivers
- Counties
- Compartment Boundary
- Treatments with Site Conditions
- Clearcut
- Selection
- Clearcut
- Monitoring - Regeneration
- Monitoring
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Decidous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 122 - Road/Parking Lot
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low Density Trees



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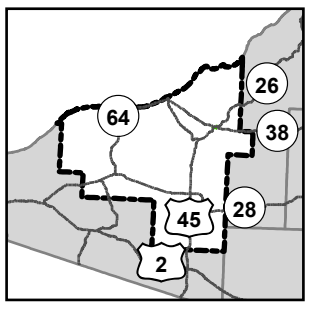

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- Designated Snowmobile Trails
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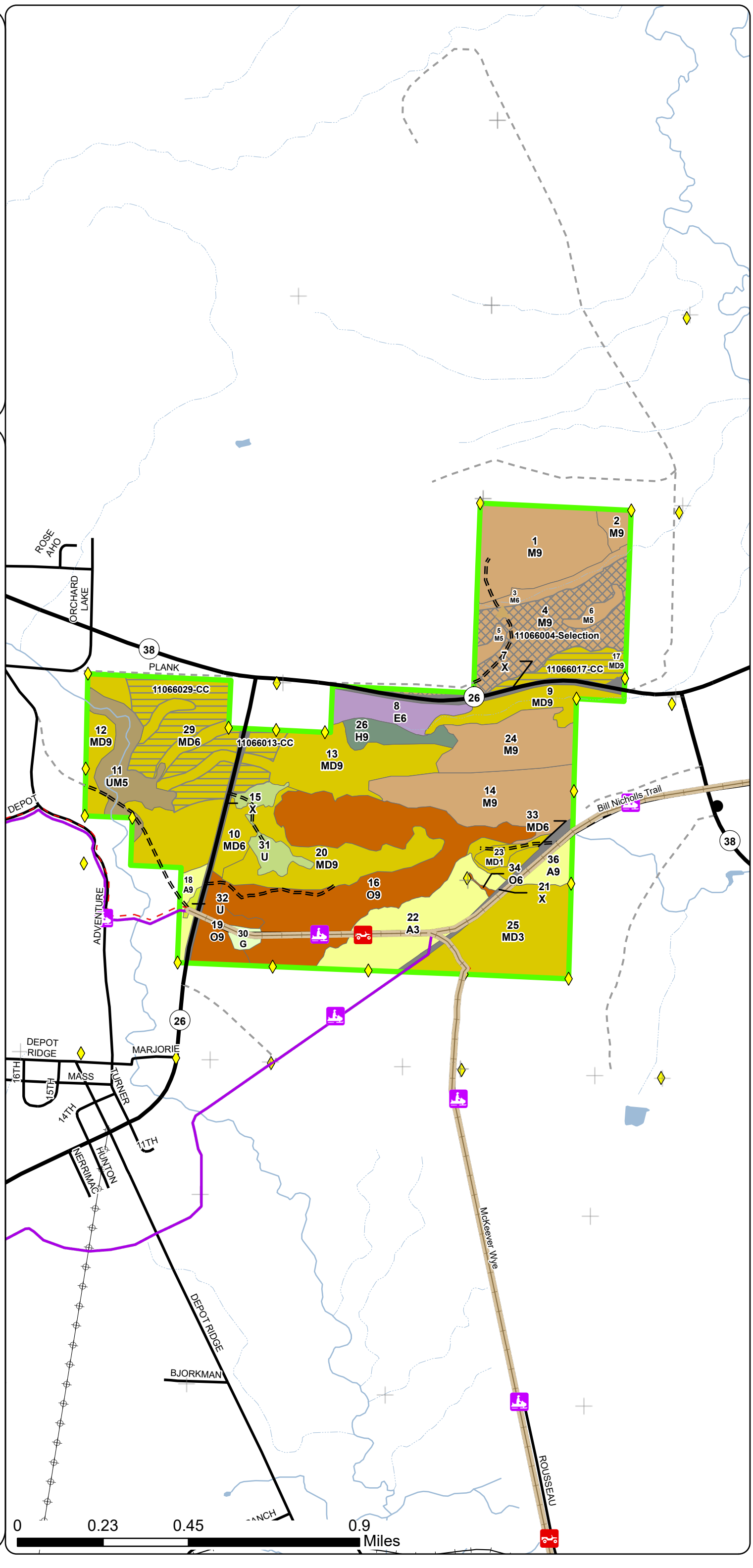

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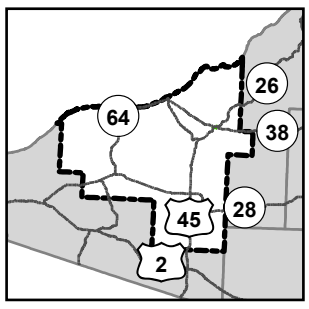

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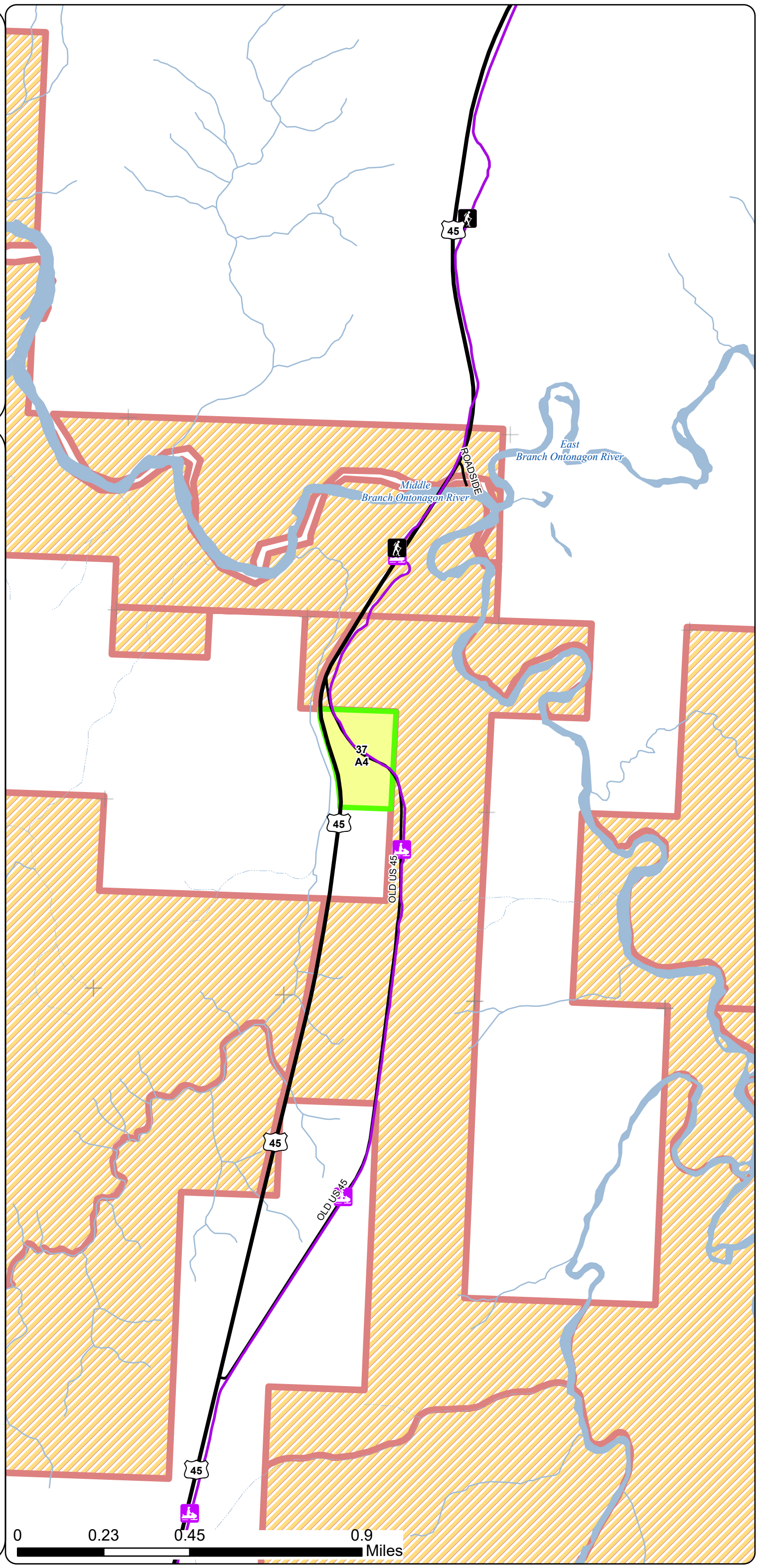
- 413 - Aspen



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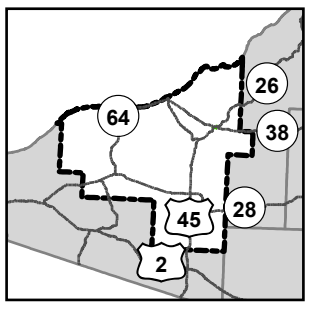

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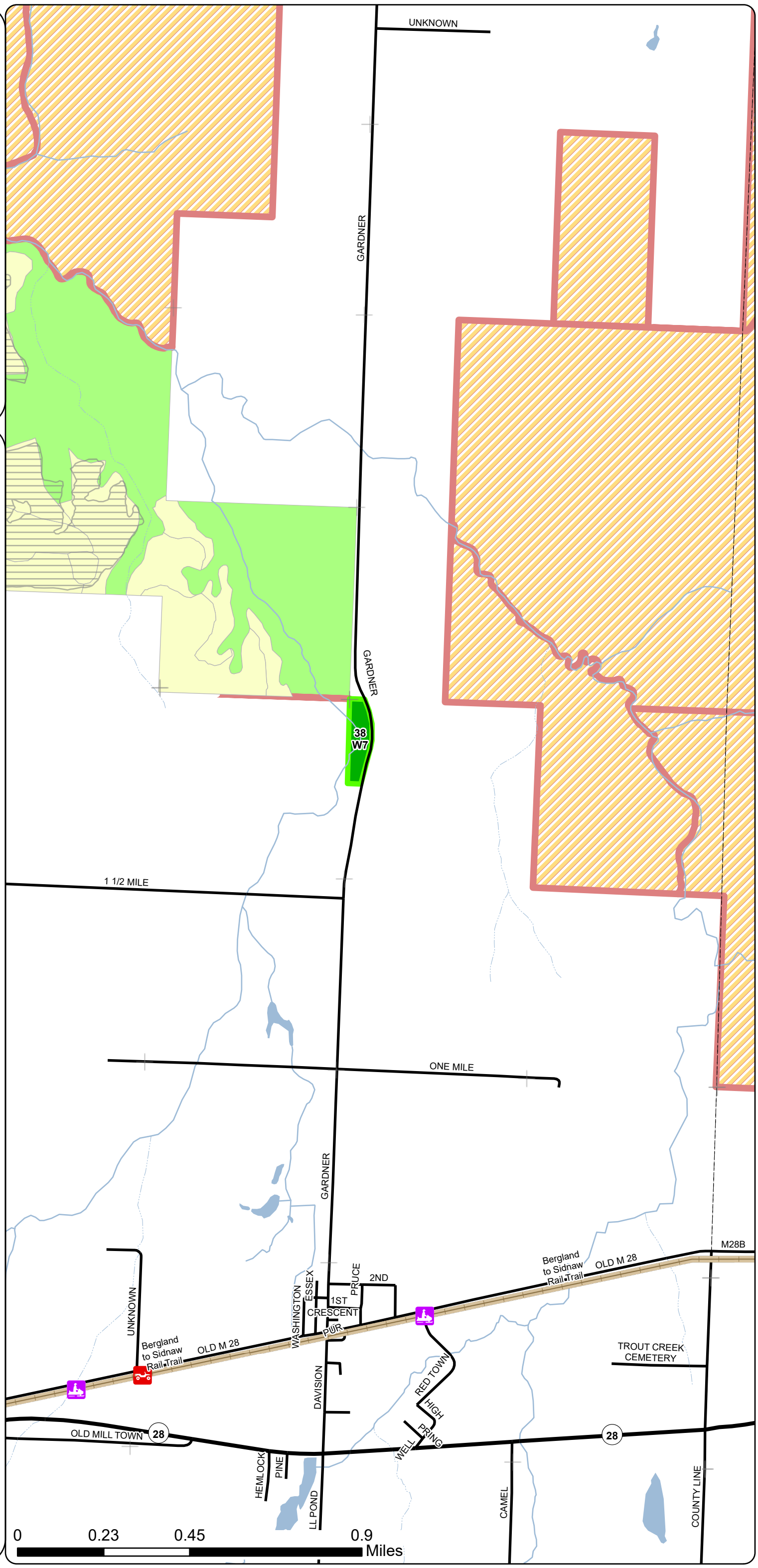

Stand Boundary Map

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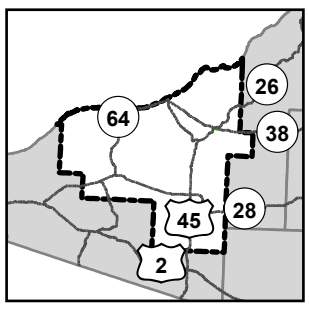

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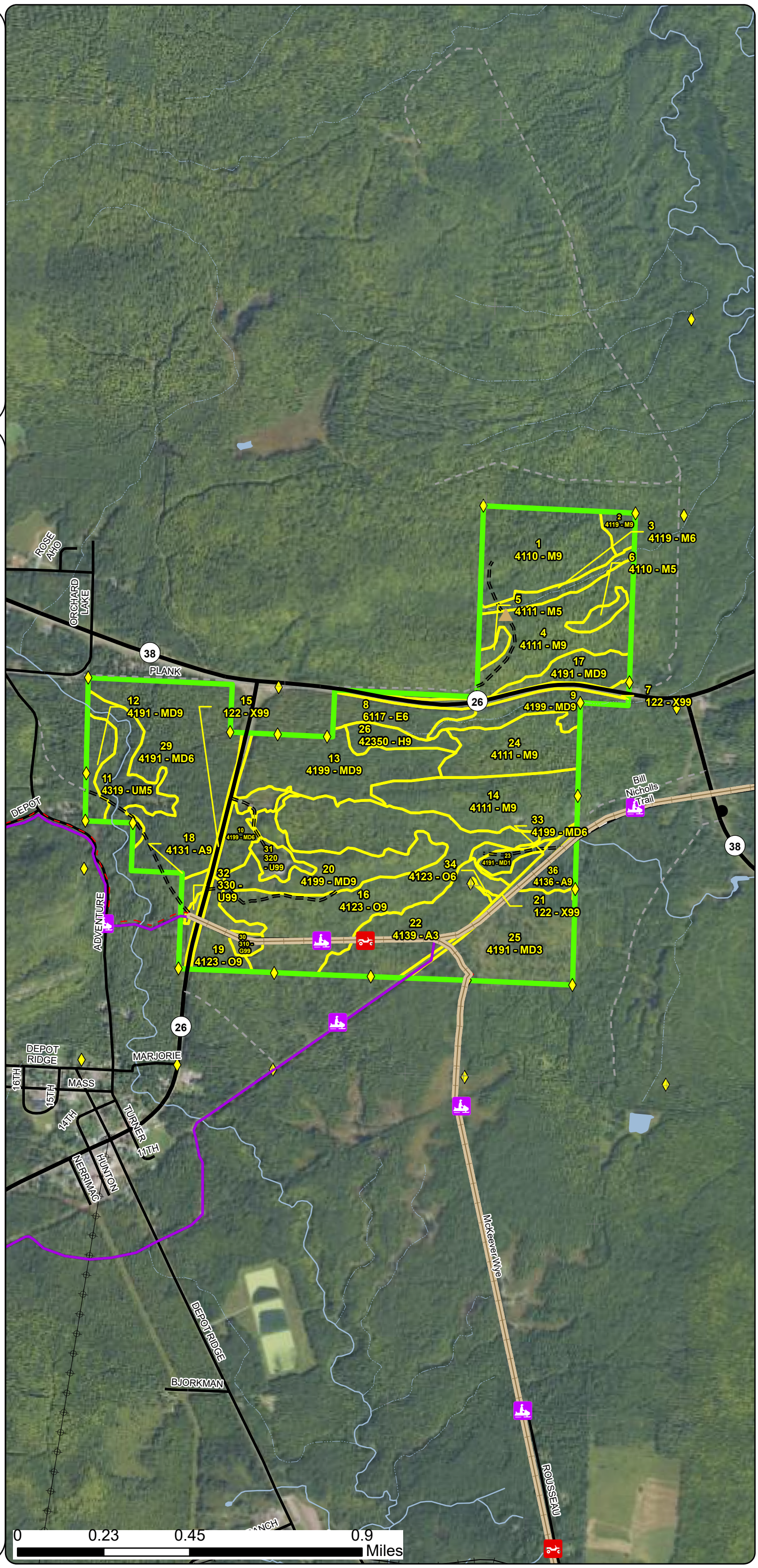

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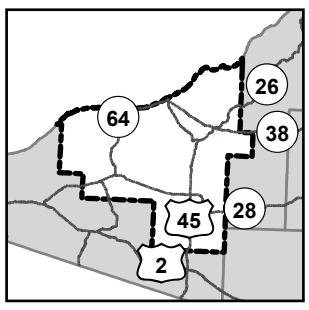

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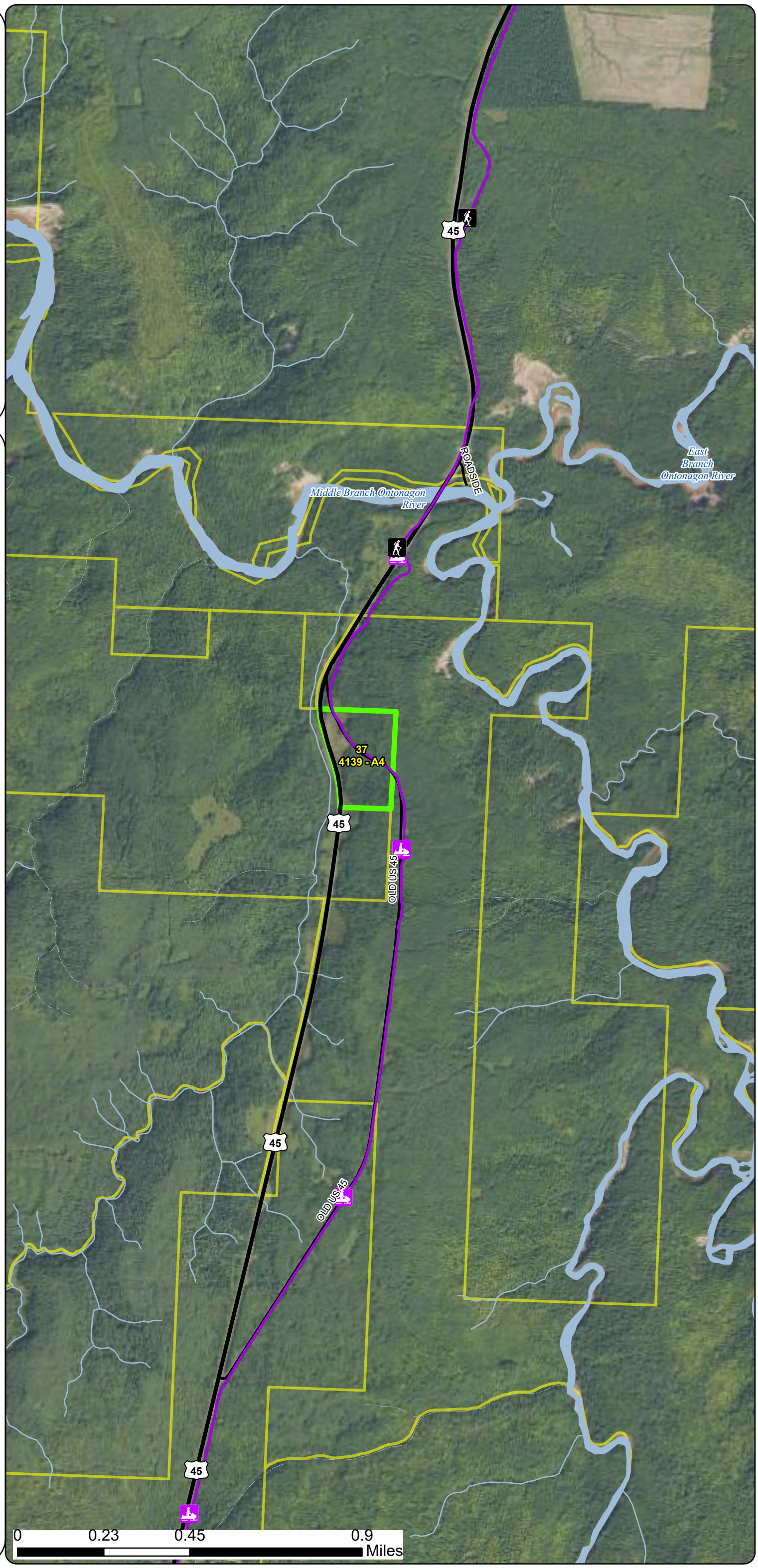

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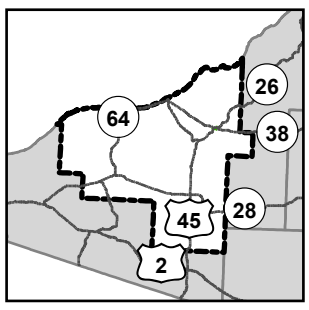

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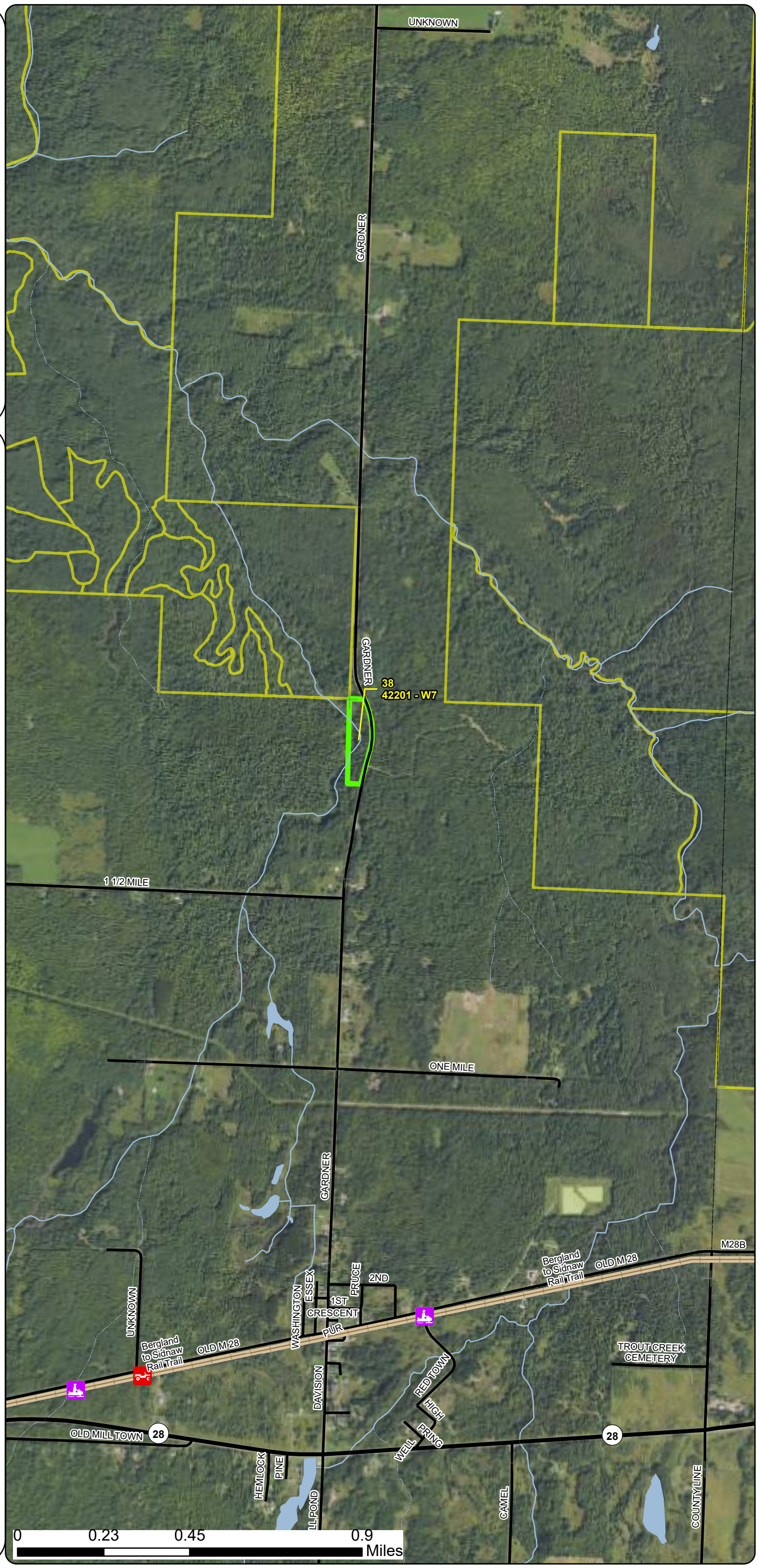

Special Conservation Areas & Site Conditions Map

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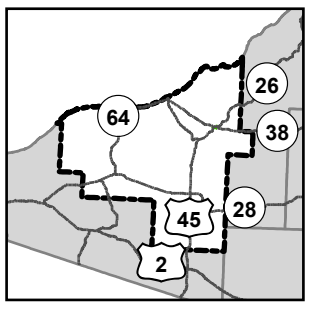

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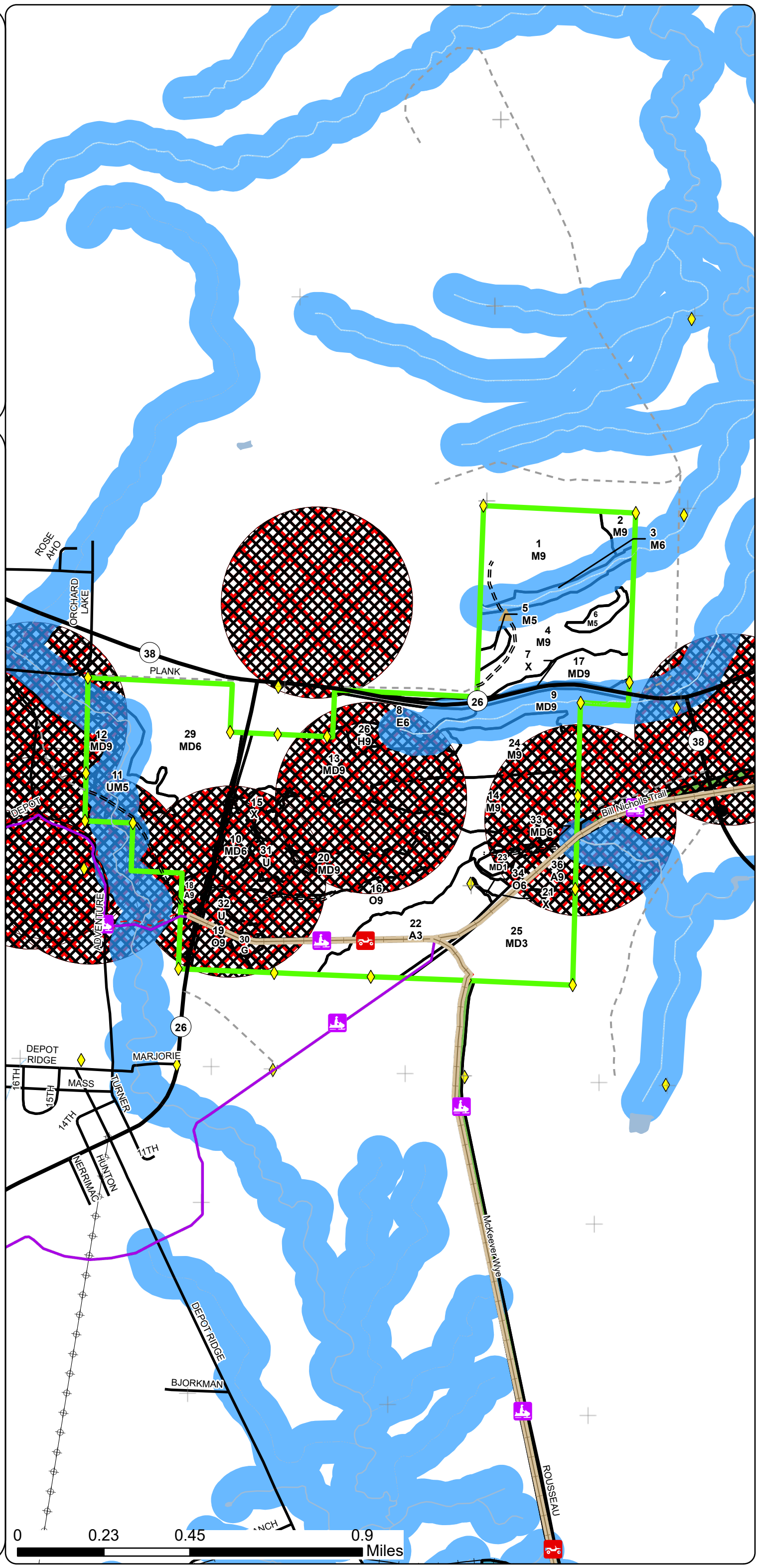
- SCA
- Cold Water Streams
- High Priority Trout Stream Buffer
- Northern Long-Eared Bat Roost Tree Buffers
- Northern Long-Eared Bat Hibernacula Buffers
- Trail - Trail Corridor



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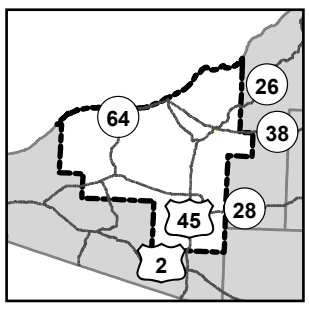

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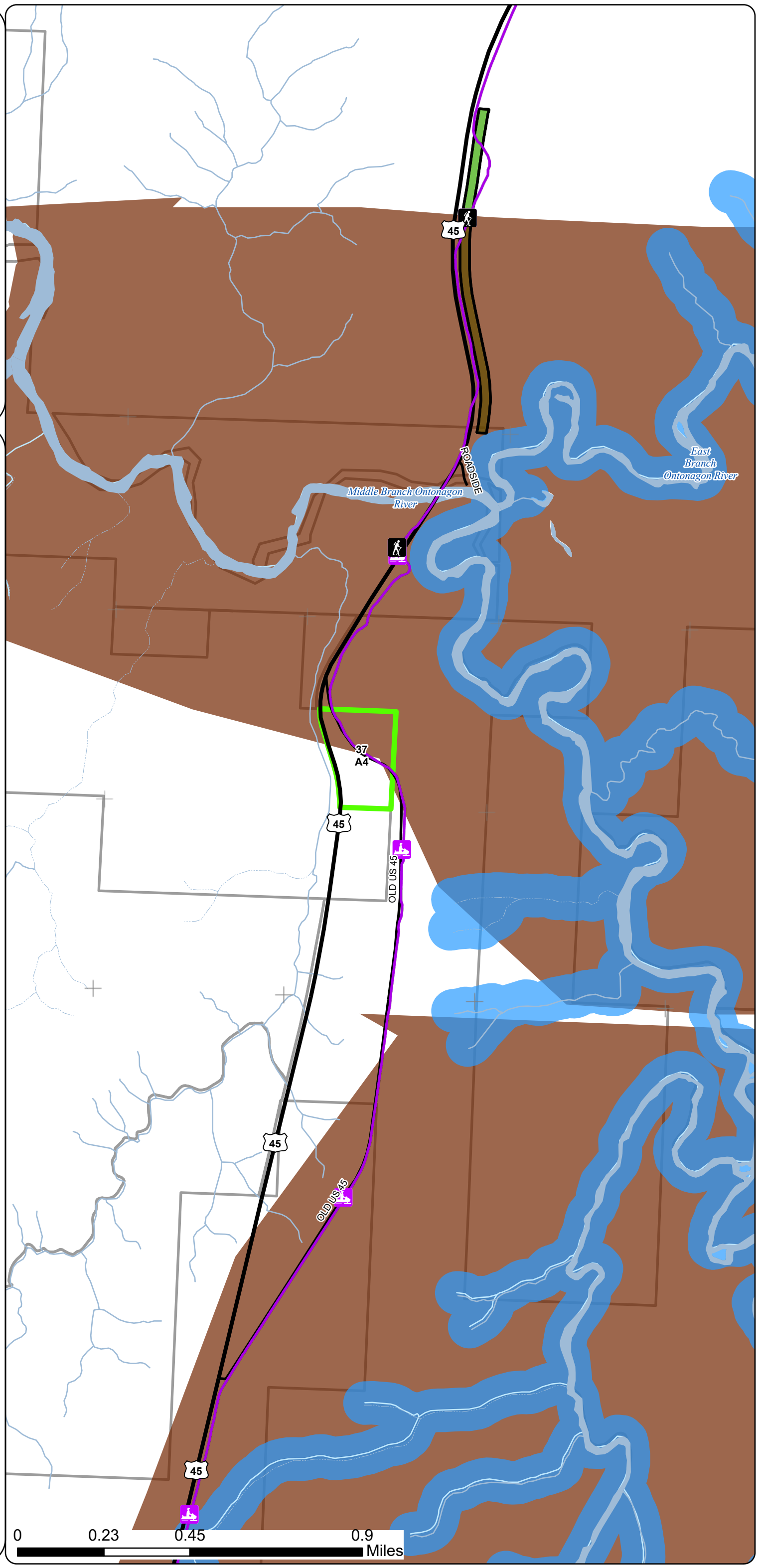
- Trail - Trail Corridor



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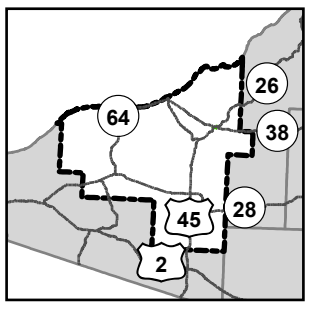

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UNKNOWN
GARDNER
38
W7
1 1/2 MILE
ONE MILE
M28B
Bergland to Sidnaw Rail Trail
OLD M 28
2ND
PRUCE
1ST
CRESCENT
ESSEX
WASHINGTON
PUR
UNKNOWN
DAVISION
RED TOWN
HIGH
WELL
PRING
TROUT CREEK CEMETERY
OLD MILL TOWN
28
HEMLOCK
PINE
LL POND
CAMEL
COUNTY LINE

0 0.23 0.45 0.9 Miles

Report 1 – Total Acres by Cover Type and Age Class

Baraga Mgt. Unit **Compartment 66** **Year of Entry 2027**

Jason Collins: Examiner

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	38	0	0	0	27	8	0	0	0	0	0	0	0	0	0	0	5	**78**
Hemlock	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	**9**
Herbaceous Openland	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**3**
Low-Density Trees	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**
Lowland Deciduous	0	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	**14**
Mixed Upland Deciduous	0	44	0	0	0	0	84	13	4	91	0	0	0	0	0	0	0	9	**245**
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	179	**179**
Oak	0	0	0	0	0	0	0	0	0	92	13	0	0	0	0	0	0	0	**105**
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	0	0	0	22	0	0	0	0	0	**22**
Upland Shrub	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**10**
Urban	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**23**
White Pine	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	**7**
Total	**37**	**82**	**0**	**0**	**0**	**27**	**106**	**13**	**4**	**199**	**13**	**0**	**22**	**0**	**0**	**0**	**0**	**193**	**696**

Report 2 – Treatment Summary

Baraga Mgt. Unit
Year of Entry: 2027

Compartment 66
Total Compartment Acres: 702

Acres of Harvest

Commercial Harvest - 204
Harvests with Site Condition - 0
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Mixed Upland Deciduous	58	0	0	0	0	0	0	0	0	**58**
Northern Hardwood	0	44	0	0	0	0	0	0	0	**44**
Total	**58**	**44**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**102**

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	102	0	0	0	0	0	0	0	0	**102**
Next Step	0	0	0	0	0	0	102	0	0	**102**
Total	**102**	**0**	**0**	**0**	**0**	**0**	**102**	**0**	**0**	**204**

Proposed Treatments:

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
29	11066029-CC	37.9	4191 - Mixed Upland Deciduous with Conifer	6	55	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No

Prescription Specs: Harvest all species down to 4.6 inches DBH except hemlock, cedar and white pine. Also, reserve red oak if present. Remove low lying drains from treatment area to create 150' wide strips of unharvested timber to create thermal edge for summer roosting bats.

Next Step Treatments: Monitoring, Natural Regen (Intermediate)

Acceptable Regen: Any combination of the original stands over story species prior to harvest.

Other Comment: Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species. Looked at treatment area with John DePue and he wanted the area to be strip clearcuts with brakes of unharvested timber in between.

Site Condition:

Proposed Start Date: 10/01/2026

17	11066017-CC	12.9	4191 - Mixed Upland Deciduous with Conifer	9	60	111-140	Harvest	Clearcut	411 - Northern Hardwood	Planting Record	No

Prescription Specs: Harvest all species down to 4.6 inches DBH except hemlock, cedar and white pine. Also, reserve red oak if present.

Next Step Treatments: Monitoring, Natural Regen (Intermediate)

Acceptable Regen: Any combination of the original stands over story species prior to harvest.

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2026

13	11066013-CC	7.2	4199 - Other Mixed Upland Deciduous	9	88	111-140	Harvest	Clearcut	4199 - Other Mixed Upland Deciduous	Planting Record	No

Prescription Specs: Harvest all species down to 4.6 inches DBH except hemlock, cedar and white pine. Also, reserve red oak if present. Remove low lying drains from treatment area to create 150' wide strips of unharvested timber to create thermal edge for summer roosting bats.

Next Step Treatments: Monitoring, Natural Regen (Intermediate)

Acceptable Regen: Any combination of the original stands over story species prior to harvest.

Other Comment: Retention for this stand will be greater than 3% and will consist of reserve tree species. Per John Depue request strip low lying of timber in center of stand was left for wildlife habitat.

Site Condition:

Proposed Start Date: 10/01/2026

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
4	11066004-Selection	44.2	4111 - S.Maple, Hard Mast Association	9	84	81-110	Harvest	Selection	411 - Northern Hardwood	Current	No

Prescription Specs: Selectively thin hardwoods to 70-90 square feet of basal area. Favor oak, hemlock, white pine and cedar where present. Oak should be released on 3 sides to an average BA of 60 sqft. Where 30 sqft or more of hemlock occurs thin to no less than 100 sqft of BA. Around areas of heavy Hemlock, open up the drip edge to encourage hemlock seedling establishment. Follow all guidelines set forth in “The Complete Marker”.

Next Step Treatments: Monitoring, Natural Regen (Intermediate)

Acceptable Regen: Any combination of the original stands over story species prior to harvest.

Other Comment: Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species.

Site Condition:

Proposed Start Date: 10/01/2026

Total Treatment Acreage Proposed: 102.2

Report 4 – Site Conditions

Baraga Mgt. Unit

Jason Collins: Examiner

Compartment: 66

Year of Entry: 2027

Availability for Management

Total Acres	Acres Available	*Acres Avail With Condition*	Acres Not Available		Dominant Site Conditions *5C*	2F	2G	2H	3B	3J	3L
78	38	***0***	40	**Aspen**		27			13		
9	0	***0***	9	**Hemlock**					9		
3	3	***0***	0	**Herbaceous Openland**							
1	1	***0***	0	**Low-Density Trees**							
14	0	***0***	14	**Lowland Deciduous**			14				
162	13	***0***	149	**Mixed Upland Deciduous**		16			121		12
178	44	***44***	90	**Northern Hardwood**	***44***	7		5	71	8	
106	0	***23***	82	**Oak**	***23***				82		
22	0	***0***	22	**Upland Mixed Forest**						22	
10	10	***0***	0	**Upland Shrub**							
23	23	***0***	0	**Urban**							
7	0	***0***	7	**White Pine**		7					
614	133	***67***	414	Total Forested Acres	***67***	57	14	5	297	30	12
	22%	***11%***	67%	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**	**3J: Water quality/BMPs (stream, river, or lake)**	8	2F: Too steep	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified
	Comments:						
2	**Unavailable**	**2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)**	5	2F: Too steep	Unspecified	Unspecified	Unspecified
	Comments:						

3	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	14	3B: Threatened, endangered, and special concern species	Unspecified	Unspecified	Unspecified
Comments:							
4	**Available**	**5C: Delay treatment for age/size class diversity or exceptional site quality**	44	Unspecified	Unspecified	Unspecified	Unspecified
Comments: 2025 - BA range of 80-90. Look at possible harvest in 2037.							
5	**Available**	**5C: Delay treatment for age/size class diversity or exceptional site quality**	23	Unspecified	Unspecified	Unspecified	Unspecified
Comments: 2025 - Look at harvest in 2037.							
6	**Unavailable**	**2F: Too steep**	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	**Unavailable**	**3B: Threatened, endangered, and special concern species**	9	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments:							
8	**Unavailable**	**3J: Water quality/BMPs (stream, river, or lake)**	22	2G: Too wet (sensitive soils, does not include access issues)	3B: Threatened, endangered, and special concern species	Unspecified	Unspecified
Comments: Stand is too wet and majority is within the bat hibernacula buffer.							

9	**Unavailable**	**2F: Too steep**	16	3B: Threatened, endangered, and special concern species	Unspecified	Unspecified	Unspecified
Comments: 2025 - Small part of stand falls within bat hibernacula buffer.							
10	**Unavailable**	**2F: Too steep**	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	**Unavailable**	**2F: Too steep**	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	**Unavailable**	**2F: Too steep**	27	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Hill next to US 45 with the Snowmobile trail running through.							
14	**Unavailable**	**3L: Other wildlife concerns**	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Buffer Wet areas Per Wildlife Division for Bat Habitat.							
17	**Unavailable**	**3B: Threatened, endangered, and special concern species**	288	Unspecified	Unspecified	Unspecified	Unspecified
Comments: 2025 - Stand site conditioned due to wildlife concerns.							

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 7 – Stands

Compartment: 66
Year of Entry: 2027

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
1	4110 - Sugar Maple Association	Sawtimber Well	43.6	84	81-110	N/A	harvested in 2007/08 as part of "Two Stitch Hardwoods" (11-017-07-01)

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	65		14	84
Yellow Birch	5		12	
Basswood	15		14	
Red Oak	15		16	

Sub-Canopy Species	Density	Avg. Height	Size
White Ash	Full	Variable	Variable
Sugar Maple	Full	Variable	Variable
Red Oak	Medium	10 - 20 feet	10 - 20 feet
Hemlock	Low	Variable	Variable
Yellow Birch	Low	Variable	Variable
Ironwood	Medium	>20 feet	>20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
2	4119 - Mixed Northern Hardwoods	Sawtimber Well	4.8	84	111-140	N/A	Stand is the same as stand 1 but drops off a rock ledge that cannot be accessed

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	54		12	84
Red Maple	15		10	
Basswood	15		14	
Yellow Birch	5	Seedling	6	
Quaking Aspen	1		12	
White Spruce	5		12	
Hemlock	5		12	

Sub-Canopy Species	Density	Avg. Height	Size
Ironwood	High	Variable	Variable
White Ash	Full	Variable	Variable
Sugar Maple	Full	Variable	Variable
Hemlock	High	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
3	4119 - Mixed Northern Hardwoods	Poletimber Well	7.9	81	81-110	N/A	OI Stand Year Origin was 555 Steep Slopes with drainage- inoperable.

Canopy Species	% Cover	Size Class	DBH	Age
Basswood	5		14	
Yellow Birch	5		14	
Sugar Maple	50		14	81
Red Oak	30		14	
Hemlock	10		16	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Full	Variable	Variable
Ironwood	Full	10 - 20 feet	10 - 20 feet
Balsam Fir	Medium	>20 feet	>20 feet
Red Oak	High	10 - 20 feet	10 - 20 feet
Hemlock	Medium	Variable	Variable
White Ash	Full	10 - 20 feet	10 - 20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
4	4111 - S.Maple, Hard Mast Association	Sawtimber Well	44.2	84	81-110	N/A	harvested in 2007/08 as part of "Two Stitch Hardwoods" (11-017-07-01)

Canopy Species	% Cover	Size Class	DBH	Age
Yellow Birch	5		12	
Red Oak	30		16	
Sugar Maple	55		14	84
Basswood	10		14	

Sub-Canopy Species	Density	Avg. Height	Size
Ironwood	Medium	10 - 20 feet	10 - 20 feet
White Ash	Full	Variable	Variable
Sugar Maple	Full	Variable	Variable
Red Oak	Full	10 - 20 feet	10 - 20 feet
Hemlock	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
5	4111 - S.Maple, Hard Mast Association	Poletimber Medium	2.7	84	51-80	N/A	Rock knob, steep slopes, inoperable.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	70		10	84
Red Oak	25		14	
Basswood	5		12	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Full	Variable	Variable
White Ash	Full	10 - 20 feet	10 - 20 feet
Ironwood	Medium	>20 feet	>20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
6	4110 - Sugar Maple Association	Poletimber Medium	4.0	84	51-80	N/A	Rock knob, steep slopes, inoperable.
7	122 - Road/Parking Lot	Unspecifed	9.4			No	HIGHWAY M-26 AND M-38
8	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	14.2	55	81-110	N/A	2025 - Ash is all dead from EAB. Site conditioned due to wildlife concerns.Lots of wet areas with smaller dia. ash.
9	4199 - Other Mixed Upland Deciduous	Sawtimber Well	16.0	82	81-110	N/A	Steep slopes, drainage, inoperable ground. Aspen is dying out and converting to hdwd.
10	4199 - Other Mixed Upland Deciduous	Poletimber Well	7.7	55	51-80	N/A	2025 - Stand is site conditioned due to wild life concerns.OPIC - FMD: OI Stand Year Origin was 555

6

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	83		10	84
White Pine	2		18	
Red Oak	8		12	
Northern White Cedar	1	Sapling	6	
Hemlock	1	Seedling	8	
Basswood	5		14	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Full	Variable	Variable
Ironwood	Full	10 - 20 feet	10 - 20 feet
White Ash	Full	10 - 20 feet	10 - 20 feet

8

Canopy Species	% Cover	Size Class	DBH	Age
Yellow Birch	15	Seedling	8	
Balsam Fir	7	Seedling	6	
Red Oak	15		14	
Hemlock	15		16	
Sugar Maple	8	Seedling	8	
Red Maple	40		9	55

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Full	>20 feet	>20 feet
Sugar Maple	Full	>20 feet	>20 feet
Red Maple	Full	>20 feet	>20 feet
Yellow Birch	Full	>20 feet	>20 feet
Ironwood	Full	>20 feet	>20 feet

9

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	30		15	82
Red Oak	30		16	82
Hemlock	10		14	
Sugar Maple	5	Seedling	8	
Red Maple	25		12	

Sub-Canopy Species	Density	Avg. Height	Size
Ironwood	Full	>20 feet	>20 feet
Balsam Fir	Full	>20 feet	>20 feet
Red Oak	High	>20 feet	>20 feet
Hemlock	Full	>20 feet	>20 feet
Red Maple	Full	Variable	Variable

10

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	30	Seedling	8	
White Pine	5		14	
Yellow Birch	5	Seedling	8	
Quaking Aspen	35		12	55
Red Oak	25		12	

Sub-Canopy Species	Density	Avg. Height	Size
White Ash	High	>20 feet	>20 feet
Ironwood	Medium	Variable	Variable
Red Oak	Medium	Variable	Variable
Hemlock	Low	10 - 20 feet	10 - 20 feet
Balsam Fir	Medium	10 - 20 feet	10 - 20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
11	4319 - Mixed Upland Forest	Poletimber Medium	22.2	110	81-110	N/A	Slopes along Adventure Creek.

Canopy Species	% Cover	Size Class	DBH	Age
White Ash	20	Seedling	8	110
Balsam Fir	10	Seedling	6	
Sugar Maple	5		8	
Red Maple	15		8	
Red Oak	5		14	
White Spruce	15		10	
Northern White Cedar	10		8	
Hemlock	20		10	110

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Full	10 - 20 feet	10 - 20 feet
Hemlock	Full	Variable	Variable
White Ash	Full	Variable	Variable
Sugar Maple	Full	Variable	Variable
Red Maple	Full	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
12	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	9.1	71	141-170	N/A	2025 - Site conditioned due to wildlife concerns.Access is through Private.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	5	Seedling	7	
White Pine	2		18	
Red Oak	5		14	
White Spruce	3		16	
Hemlock	35		18	
Sugar Maple	10		9	
Red Maple	40		9	71

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Full	10 - 20 feet	10 - 20 feet
Red Oak	Full	>20 feet	>20 feet
White Spruce	Full	10 - 20 feet	10 - 20 feet
Hemlock	Full	Variable	Variable
Sugar Maple	Full	Variable	Variable
Red Maple	Full	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
13	4199 - Other Mixed Upland Deciduous	Sawtimber Well	43.3	88	111-140	N/A	2025 - Majority of stand is site conditioned due to wildlife concerns

Canopy Species	% Cover	Size Class	DBH	Age
Red Oak	40		14	88
Hemlock	5		14	
Yellow Birch	5	Seedling	6	
Quaking Aspen	1		14	
Sugar Maple	13		8	
Red Maple	35		9	
White Pine	1		16	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Full	>20 feet	>20 feet
Yellow Birch	Medium	Variable	Variable
White Ash	Full	>20 feet	>20 feet
Sugar Maple	Full	Variable	Variable
Red Maple	Full	Variable	Variable
Red Oak	Medium	>20 feet	>20 feet
Hemlock	Medium	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
14	4111 - S.Maple, Hard Mast Association	Sawtimber Well	41.8	83	81-110	N/A	2025 - Stand is site conditioned due to wildlife concerns.Ridge with numerous mine shafts, test pits and adits. Data from stand 24. Inoperable ground. Some rock bluffs/outcrops.

Canopy Species	% Cover	Size Class	DBH	Age
Yellow Birch	5		9	
White Pine	5		18	
Red Oak	15		15	
Hemlock	5		17	
Sugar Maple	60		13	83
Red Maple	10	Seedling	7	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	Variable	Variable
Balsam Fir	Low	>20 feet	>20 feet
Hemlock	Low	Variable	Variable
Yellow Birch	Medium	>20 feet	>20 feet
Ironwood	Full	>20 feet	>20 feet
Sugar Maple	Full	Variable	Variable
Red Maple	Full	Variable	Variable
White Ash	Full	>20 feet	>20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
15	122 - Road/Parking Lot	Unspecifed	6.9			No	HIGHWAY M-26
16	4123 - Red Oak	Sawtimber Well	92.4	81	81-110	N/A	2025 - Majority of stand is site conditioned due to wildlife concerns.2015 - NICE OAK WITH MANY QUALITY SMALL LOGS IN STAND. Was harvested in 2007/08 as part of "Two Step Hardwoods" (11-018-07-01)
17	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	12.9	60	111-140	N/A	wet ground, some dieback starting to appear 2014.
18	4131 - Aspen, Oak	Sawtimber Well	5.2	54	81-110	N/A	Stand is Site Conditioned due to bat hibernacula.OI Stand Year Origin was 555Most of maple is in the north part of stand.

16

Canopy Species	% Cover	Size Class	DBH	Age
Basswood	2		14	
Sugar Maple	16		12	
Red Maple	5	Seedling	8	
Red Oak	70		14	81
Hemlock	1		12	
Yellow Birch	5	Seedling	8	
Quaking Aspen	1		12	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Full	10 - 20 feet	10 - 20 feet
Ironwood	Full	10 - 20 feet	10 - 20 feet
White Pine	Low	Variable	Variable
Red Oak	Full	10 - 20 feet	10 - 20 feet
Hemlock	Low	>20 feet	>20 feet
White Ash	Full	10 - 20 feet	10 - 20 feet

17

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	5		9	
Balsam Fir	24	Seedling	8	
Yellow Birch	5	Seedling	7	
Red Oak	15	Sapling	5	
White Spruce	5	Sapling	7	
Northern White Cedar	1		10	
Hemlock	5	Seedling	8	
Sugar Maple	15	Seedling	6	
Red Maple	25	Seedling	7	60

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Medium	Variable	Variable
Red Maple	Medium	Variable	Variable
White Ash	Medium	Variable	Variable

18

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	40		10	54
Red Oak	21		10	54
Sugar Maple	15	Seedling	7	70
Paper Birch	5	Seedling	5	
American Elm	4	Seedling	5	
White Ash	15		10	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Full	>20 feet	>20 feet
White Ash	Full	>20 feet	>20 feet
White Pine	Medium	10 - 20 feet	10 - 20 feet
Red Oak	Full	>20 feet	>20 feet
Balsam Fir	Full	>20 feet	>20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
19	4123 - Red Oak	Sawtimber Well	13.3	90	111-140	N/A	2025 - Site condition due to Wildlife ConcernCut w/ adj. stand in 2027. Steep slope along hwy. south end of stand is wet with heavy ash.

Canopy Species	% Cover	Size Class	DBH	Age
Basswood	2		14	
White Pine	2		18	
Red Oak	60		14	90
Hemlock	1		12	
Sugar Maple	20		12	
Red Maple	5	Seedling	8	
Yellow Birch	5	Seedling	8	
Quaking Aspen	5		12	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Full	10 - 20 feet	10 - 20 feet
Ironwood	Full	10 - 20 feet	10 - 20 feet
White Pine	Low	10 - 20 feet	10 - 20 feet
White Ash	Full	10 - 20 feet	10 - 20 feet
Red Oak	Full	10 - 20 feet	10 - 20 feet
Hemlock	Medium	>20 feet	>20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
20	4199 - Other Mixed Upland Deciduous	Sawtimber Well	31.3	81	111-140	N/A	2025 - Stand site conditioned due to wildlife concerns.Ridge, mine shafts and adits. Poor quality and stunted.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	40	Seedling	8	
White Pine	1		16	
Red Oak	52		12	81
Hemlock	1		12	
Yellow Birch	5	Seedling	8	
Quaking Aspen	1		12	

Sub-Canopy Species	Density	Avg. Height	Size
Ironwood	Full	10 - 20 feet	10 - 20 feet
Sugar Maple	Full	10 - 20 feet	10 - 20 feet
Red Oak	Low	10 - 20 feet	10 - 20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
21	122 - Road/Parking Lot	Unspecifed	6.5			No	Power Line ROW

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
22	4139 - Aspen, Mixed Deciduous	Sapling Well	38.1	6	1-50	N/A	POOR OVER STORY WITH NICE POLES COMING UP UNDER.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	40	Log	1	6
White Ash	14	Log	1	
White Pine	1		18	70
Red Oak	15		12	70
Red Oak	1	Log	1	6
Hemlock	4	Seedling	8	70
Sugar Maple	20	Log	1	
Red Maple	5	Log	1	6

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
23	4191 - Mixed Upland Deciduous with Conifer	Sapling Poor	4.1	32	1-50	N/A	Snowmobile trail runs adjacent to stand Stand is converting to forested.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	5	Log	1	
White Ash	15	Log	1	
Apple (spp.)	10	Log	3	
Red Oak	25	Log	1	32
White Spruce	15	Sapling	5	
White Pine	25	Sapling	6	32
Black Cherry	5	Log	1	

Sub-Canopy Species	Density	Avg. Height	Size
Witch Hazel	High	5 - 10 feet	5 - 10 feet
Sumac	High	5 - 10 feet	5 - 10 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
24	4111 - S.Maple, Hard Mast Association	Sawtimber Well	29.2	83	111-140	N/A	2025 - Stand is site conditioned due to wildlife concerns

Canopy Species	% Cover	Size Class	DBH	Age
Yellow Birch	5		9	
Red Oak	15		15	
Hemlock	5		17	
Sugar Maple	65		14	83
Red Maple	10	Seedling	7	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	>20 feet	>20 feet
White Ash	Full	>20 feet	>20 feet
Red Oak	Medium	10 - 20 feet	10 - 20 feet
Hemlock	Low	Variable	Variable
Sugar Maple	Full	Variable	Variable
Red Maple	Full	Variable	Variable
Yellow Birch	Low	Variable	Variable
Ironwood	Full	10 - 20 feet	10 - 20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
25	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	44.3	6	1-50	N/A	Cut by Treist 2018-2020 as Guano Fir SBW 11-018-17.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	30	Log	1	6
White Pine	10		16	
Red Oak	5		13	
Northern White Cedar	5		10	
Hemlock	11		12	
Basswood	2	Log	1	
White Ash	5	Log	1	
American Elm	1	Sapling	6	
Balsam Fir	1	Log	1	
Sugar Maple	10	Log	1	80
Red Maple	20	Log	1	6

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
26	42350 - Upland Hemlock	Sawtimber Well	9.1	81	111-140	N/A	2025 - Stand site conditioned due to wildlife concerns.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	25		11	
Red Oak	10		14	
White Spruce	5		9	
Hemlock	60		14	81

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	High	>20 feet	>20 feet
Hemlock	Low	10 - 20 feet	10 - 20 feet
White Ash	Full	>20 feet	>20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
29	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	76.7	55	81-110	N/A	Possibly cut in 2027, Lots of wet areas with small dia. ash. South and West of stand are site conditioned due to Bat Hibernacula

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	7	Seedling	7	
Yellow Birch	5	Seedling	7	
Quaking Aspen	20		12	55
Red Oak	3	Seedling	8	
White Spruce	5		10	
Northern White Cedar	10		9	
Hemlock	10		14	
White Ash	5	Seedling	7	55
Black Ash	10	Seedling	7	
Red Maple	20	Seedling	6	
Paper Birch	5	Seedling	6	

Sub-Canopy Species	Density	Avg. Height	Size
Ironwood	Medium	>20 feet	>20 feet
Red Maple	Full	>20 feet	>20 feet
Balsam Fir	Full	>20 feet	>20 feet
Northern White Cedar	Low	Variable	Variable
White Ash	Full	>20 feet	>20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
30	310 - Herbaceous Openland	Unspecifed	2.8			No	Site of old Greenland Dump. This site was closed by DEQ, and has a restrictive covenant.
31	320 - Upland Shrub	Unspecifed	10.4			No	2025 - Edges beginning to reforest with paper birch.Grass area, State Police radio tower on south end.
32	330 - Low-Density Trees	Unspecifed	1.0			No	2025 - Mostly open area off highway. Beginning to reforest.
33	4199 - Other Mixed Upland Deciduous	Poletimber Well	4.3	70	111-140	N/A	POOR OVER STORY WITH NICE POLES COMING UP UNDER.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	15		14	
Sugar Maple	25		8	
White Pine	1		18	
Red Oak	55		11	70
Hemlock	4	Seedling	8	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	Variable	Variable
Red Oak	Full	10 - 20 feet	10 - 20 feet
Hemlock	High	Variable	Variable
White Ash	Full	>20 feet	>20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
34	4123 - Red Oak	Poletimber Well	0.4	70	111-140	N/A	POOR OVER STORY WITH NICE POLES COMING UP UNDER.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	20		8	
Red Oak	64		11	70
Hemlock	4	Seedling	8	
Yellow Birch	1	Seedling	6	
Quaking Aspen	10		14	
Ironwood	1	Seedling	5	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Medium	Variable	Variable
Ironwood	Medium	>20 feet	>20 feet
White Ash	Full	>20 feet	>20 feet
Balsam Fir	Medium	10 - 20 feet	10 - 20 feet
Red Oak	Full	10 - 20 feet	10 - 20 feet
Hemlock	High	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
36	4136 - Aspen, Mixed Conifer	Sapling Well	7.7	55	111-140	N/A	Originally part of stand 25. Was not harvested with the with the rest.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Seedling	8	55
Quaking Aspen	70		12	55
Balsam Fir	5	Sapling	6	
White Spruce	5		10	
Northern White Cedar	5		10	
White Pine	5		16	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Medium	>20 feet	>20 feet
Ironwood	Low	Variable	Variable
White Spruce	Low	Variable	Variable
Balsam Fir	Medium	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
37	4139 - Aspen, Mixed Deciduous		26.7	40	1-50	N/A	

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	40	Pole	4	40
Quaking Aspen	50	Seedling	6	40
Northern White Cedar	10	Log	3	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	Variable	Variable
Hazelnut (Beaked)	High	5 - 10 feet	5 - 10 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
38	42201 - Natural White Pine, Mixed Deciduous		7.3	80	51-80	N/A	Stand is a slope along Garner Rd leading down to Payseor Creek.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	20		16	
White Pine	60		16	80
Red Maple	20	Seedling	8	