



Compartment Review Presentation

Baraga Forest Management Unit

Compartment 11001

Entry Year 2022

Acreage: 1,791

County Baraga

Management Area: Huron Mountains

Revision Date: 2020-04-20

Stand Examiner: Ryan Mattila

Legal Description:

T52N, R30W - Section 6.

T52N, R31W - Sections 1, 3, 4 and 11.

T53N, R30W - Sections 30 and 31.

T53N, R31W - Sections 25, 35 and 36.

Identified Planning Goals:

To maintain a healthy sustainable forest with special consideration to wildlife habitat, fisheries habitat and recreational needs

Soil and topography:

The terrain is mostly level to rolling with distinct benches dropping to the lakeshore. The upland soils are Skanee loamy sands; Munising, Zeba and Assinins sands and loams. The lowlands are Carbondale and Tacoosh mucks and Gay mucky fine sandy loam.

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

The lake shore is in small private ownership. The remaining interior lands are owned by forest industry and by the Keweenaw Land Trust. Baraga County owns the tip of Point Abbaye.

Unique Natural Features:

The shoreline of Lake Superior and Point Abbaye.

Archeological, Historical, and Cultural Features:

None identified.

Special Management Designations or Considerations:

Deer yard and several SCA's / ERA's.

Watershed and Fisheries Considerations:

The compartment is bounded on the north by Lake Superior and on the south by Huron Bay.

Wildlife Habitat Considerations:

This compartment provides valuable wildlife habitat to grouse, deer, bear, furbearers, woodland raptors and neo tropical migrant song birds. This compartment is entirely within the Point Abbaye Deer Yarding complex. This yard is critically important to wintering deer from North eastern Baraga County. Maintenance and expansion of long lived conifer species such as eastern hemlock, northern white cedar, and white pine are of primary importance. Silvicultural practices which promote thermal cover habitat should be emphasized here. Maintenance of interior wildlife movement corridors particularly along riparian influence zones as well as along the Great Lakes shoreline is a wildlife emphasis. Improvement of within stand structural and species composition of hardwood associations through promotion of conifer species such as eastern hemlock is a wildlife management emphasis. Maintenance of aspen acreage within this compartment for early forest wildlife species is important.

Mineral Resource and Development Concerns and/or Restrictions

No active sand/gravel pits exist in the area, and there appears to be limited potential for sand & gravel within the compartment. Bedrock is very near the surface here, which consists of the Jacobsville Sandstone. The Jacobsville was historically used as a building stone; however, it has little economic value today. There is no known metallic mineral potential in this area. There is no known potential for economic oil and gas production in the UP. The state does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, reasonable access to the surface must be provided to private owners if they choose to explore or develop their mineral rights.

Vehicle Access:

Primary access to all the lands in this compartment are from Point Abbaye Road which is a seasonal county road.

Survey Needs:

None are needed.

Recreational Facilities and Opportunities:

There are no developed recreational facilities within the compartment. A campground was planned, but not built, on Huron Bay. Baraga County has a parking lot and pit toilets on their land at the tip of Point Abbaye

Fire Protection:

This is not a fire prone area.

Additional Compartment Information:

The following reports from the Inventory are attached:

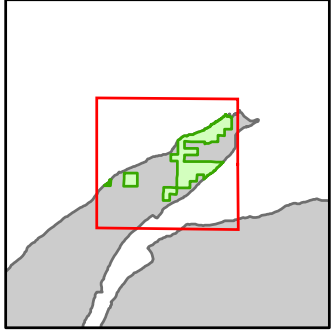
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

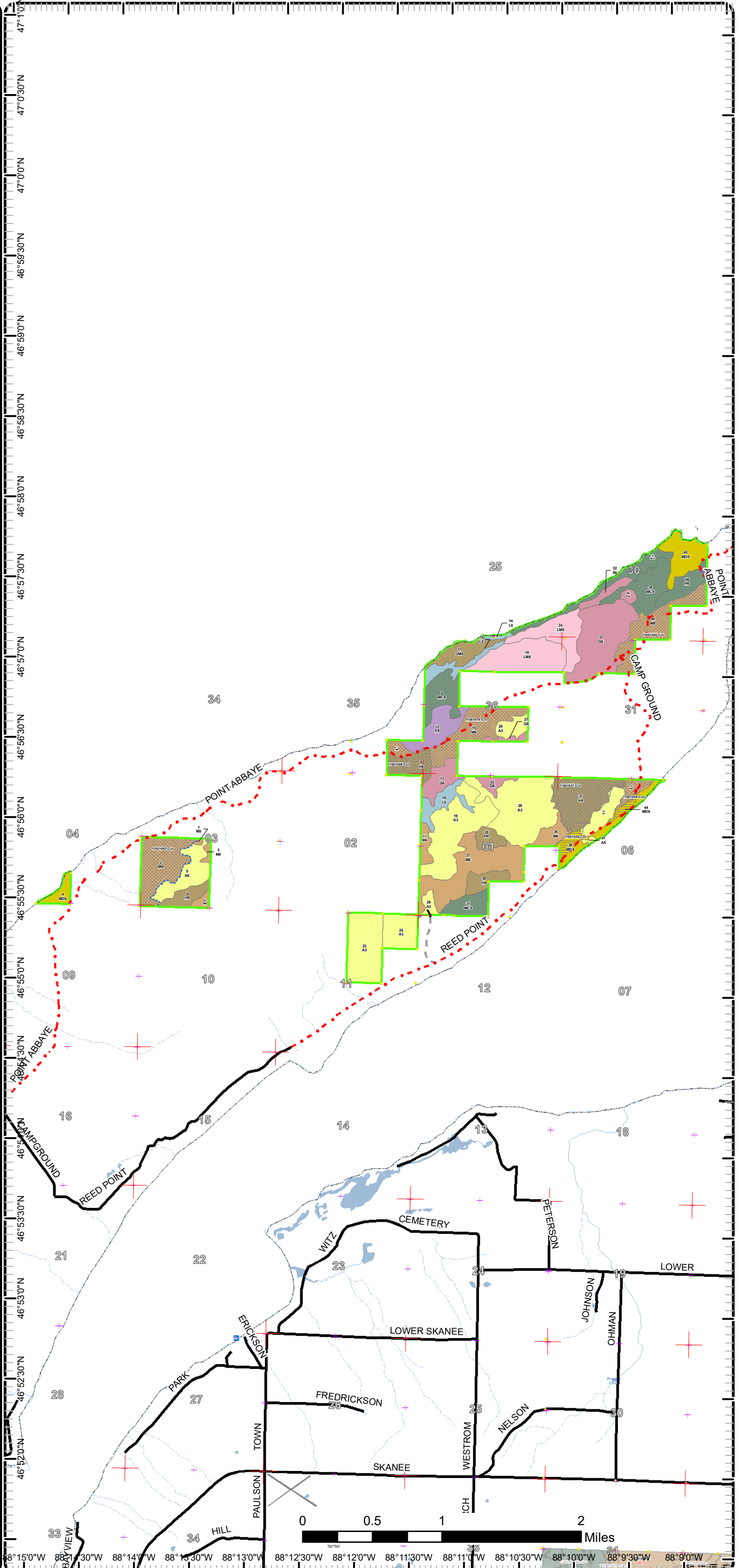
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 1
 T53N, R30W, Sec. 30, 31, T53N,
 R31W, Sec. 35, 36
 County: Baraga
 Unit: Baraga
 Mgmt Area: Huron Mountains
 YOE: 2022
 Acres: 1,791 GIS Calculated
 Examiner: Ryan Mattila
 Map Revised: 10/2/2020
 Map Phase: Post Review



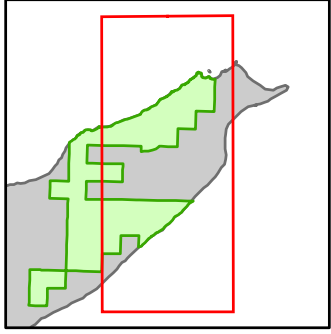
- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- Federal / State / County - Paved Road
- - - Federal / State - Dirt / Gravel Road
- · - · County - Gravel Road
- - - Private - Dirt / Gravel Road
- Intermittent Stream
- Perennial River
- Shoreline
- ▲ Berms
- ▭ Compartment Boundary
- ▭ Treatments with Site Conditions
- ▭ Selection (Group, Single Tree)
- ▭ Clearcut (w/Reserves)
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 622 - Lowland Shrub



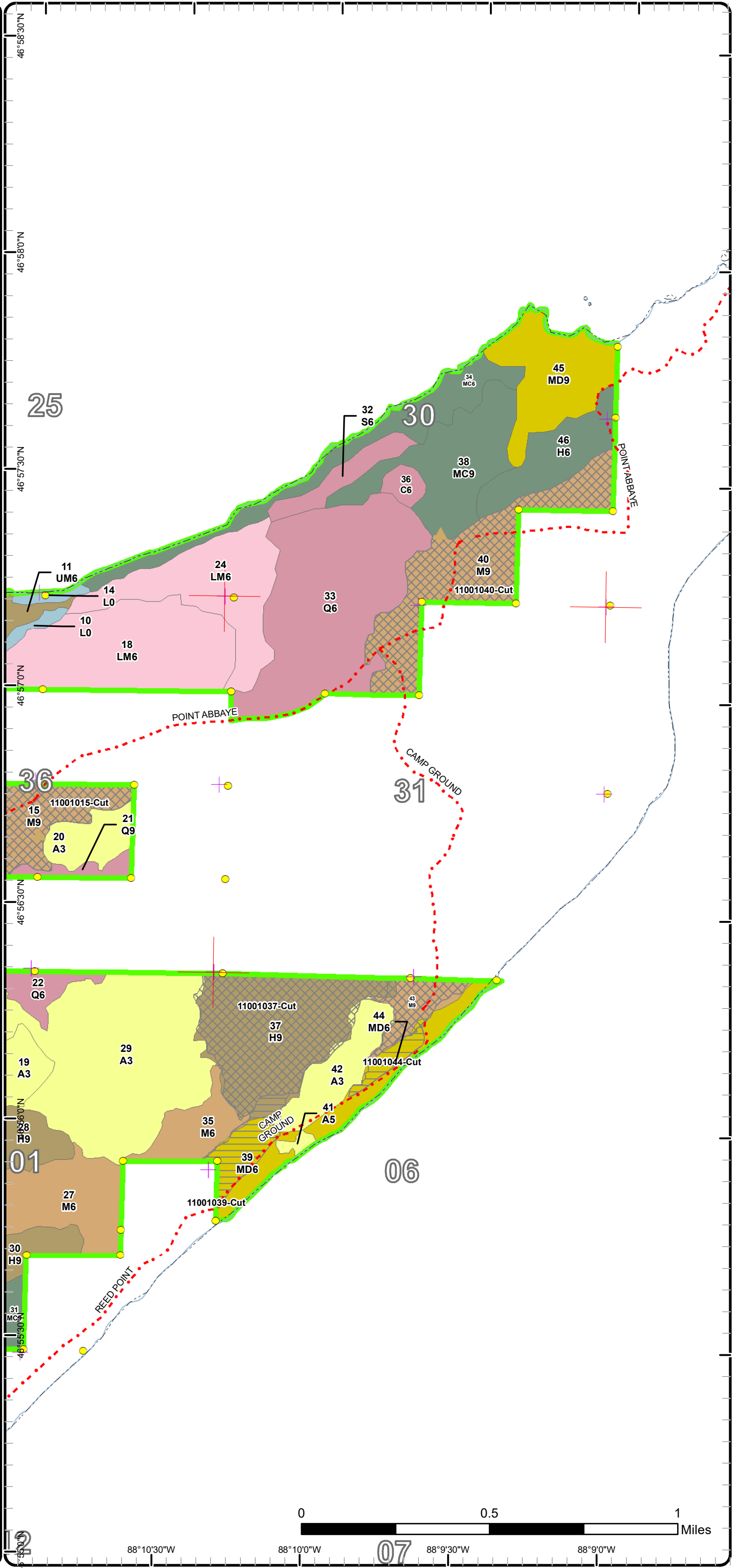
88°15'0"W 88°14'0"W 88°13'0"W 88°12'0"W 88°11'0"W 88°10'0"W 88°9'30"W 88°9'0"W

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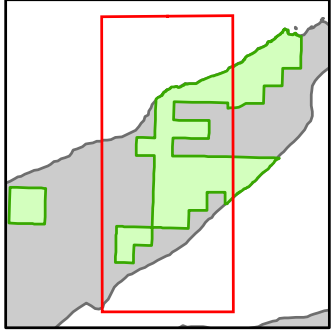


- Miris Corners
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- .-.- County - Gravel Road
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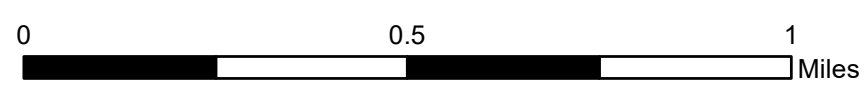
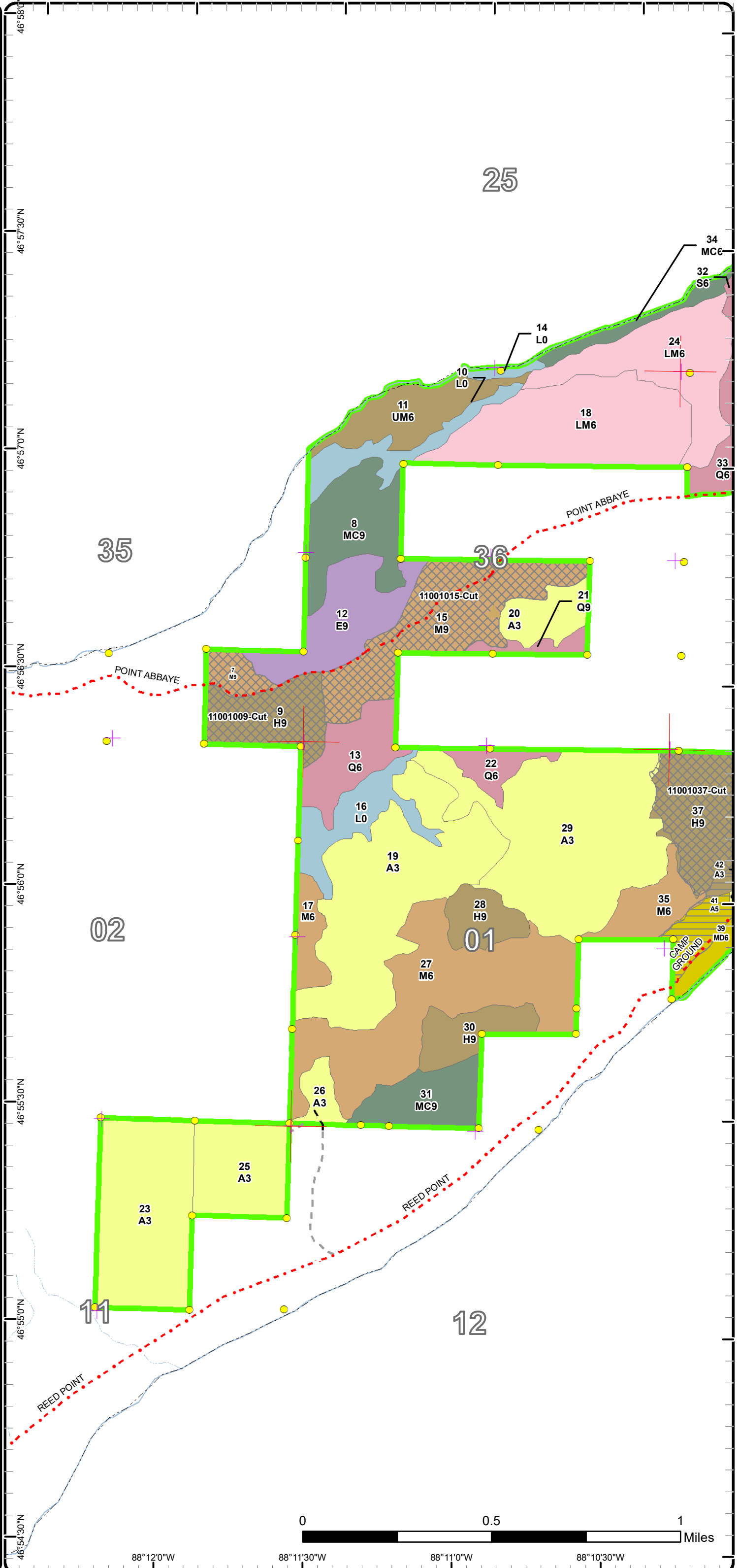


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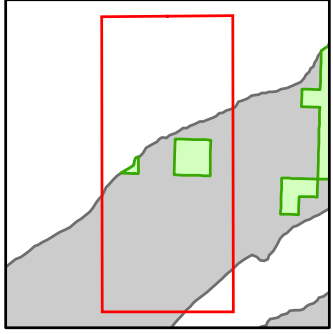
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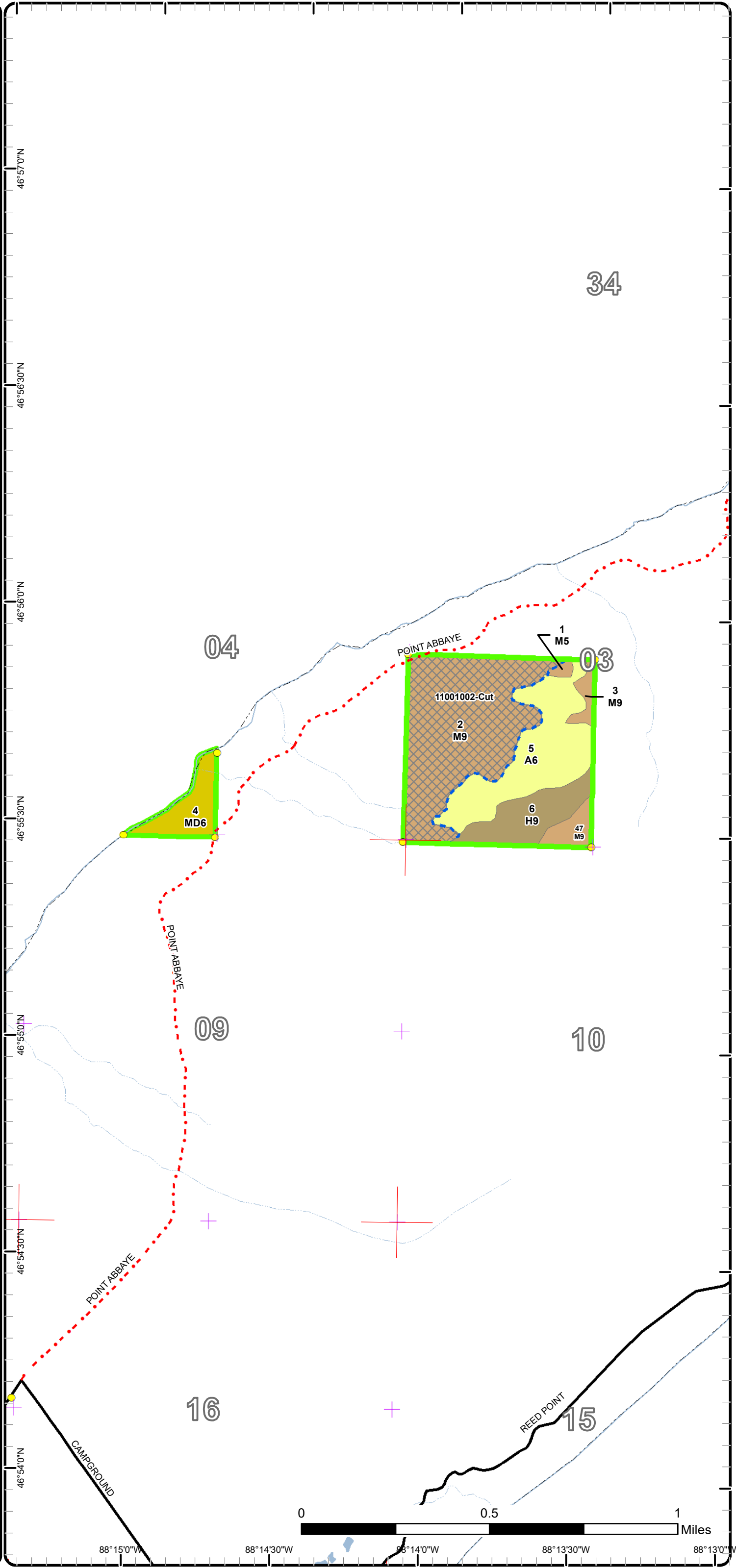
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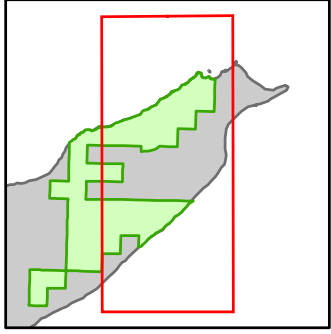


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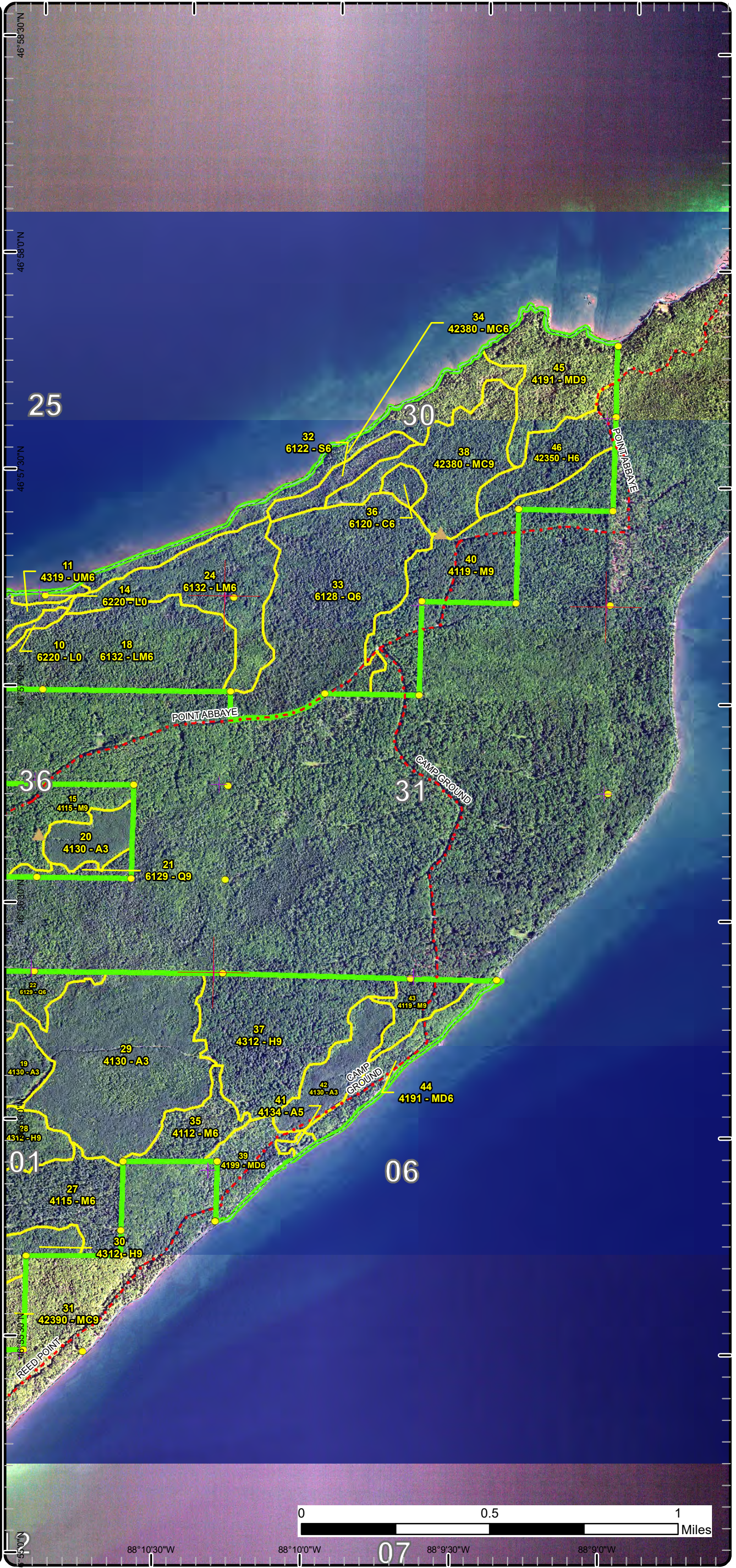


Stand Boundary Map

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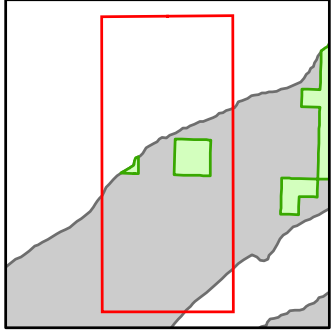


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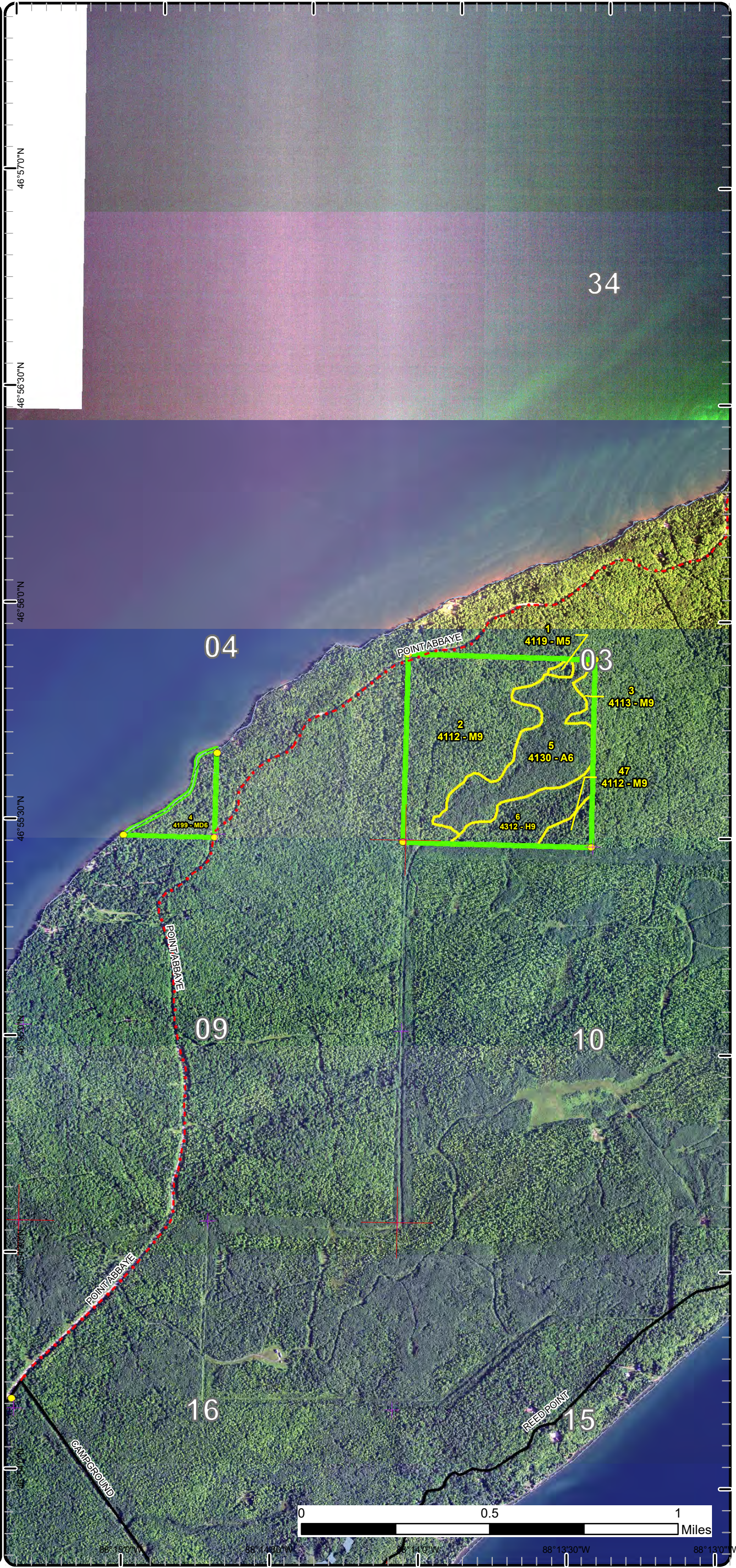


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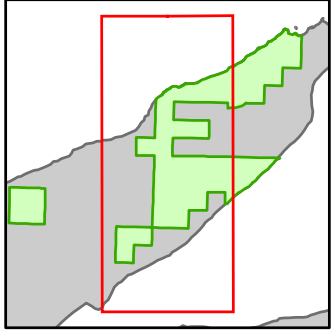


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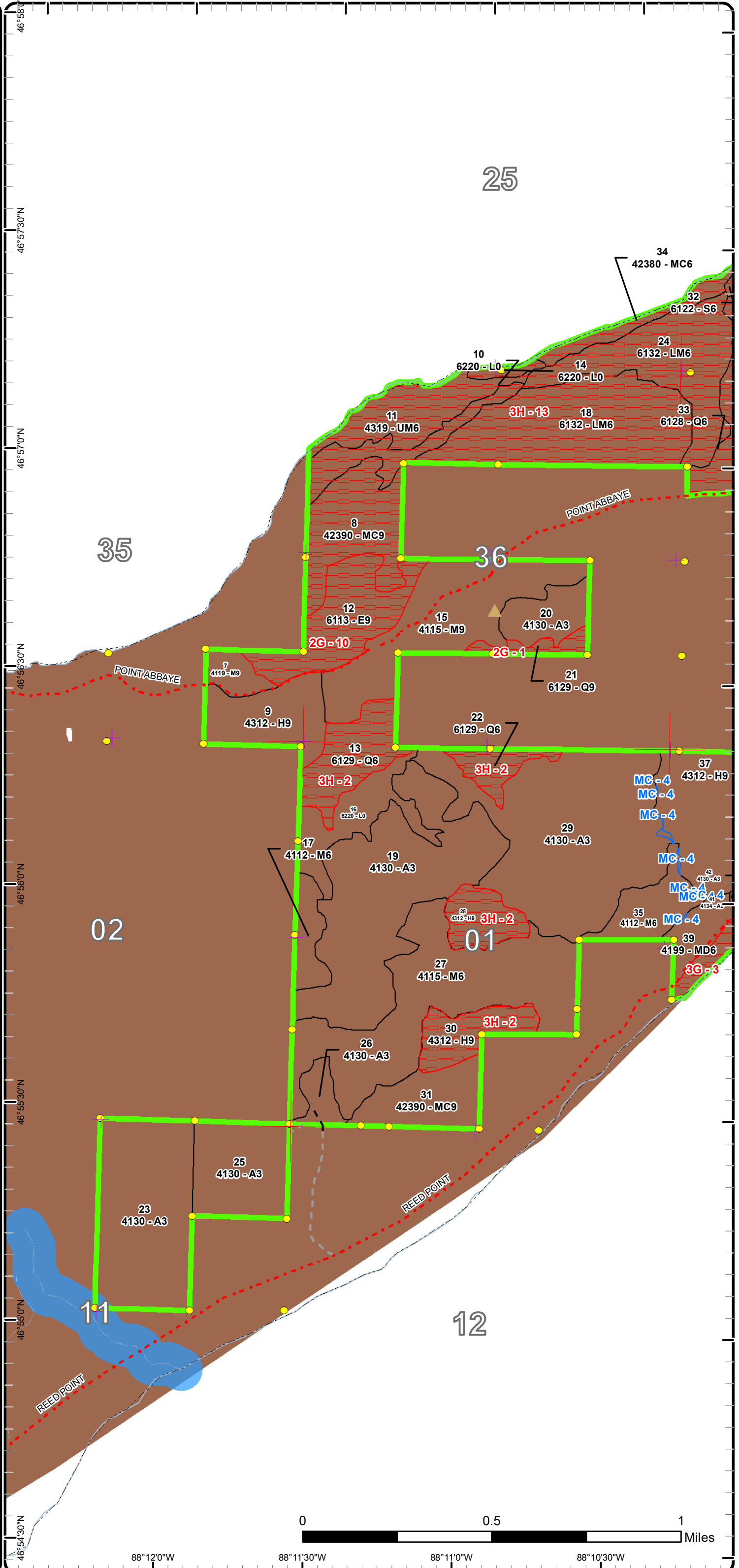


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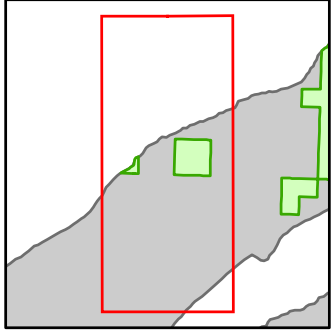


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- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- 3G: Other Influence zones - See comments
- Stand Boundaries
- Ecological Reference Areas
- High Priority Trout Stream Buffer
- Deer Winter Range

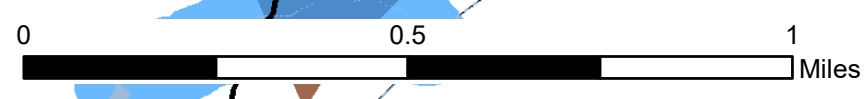
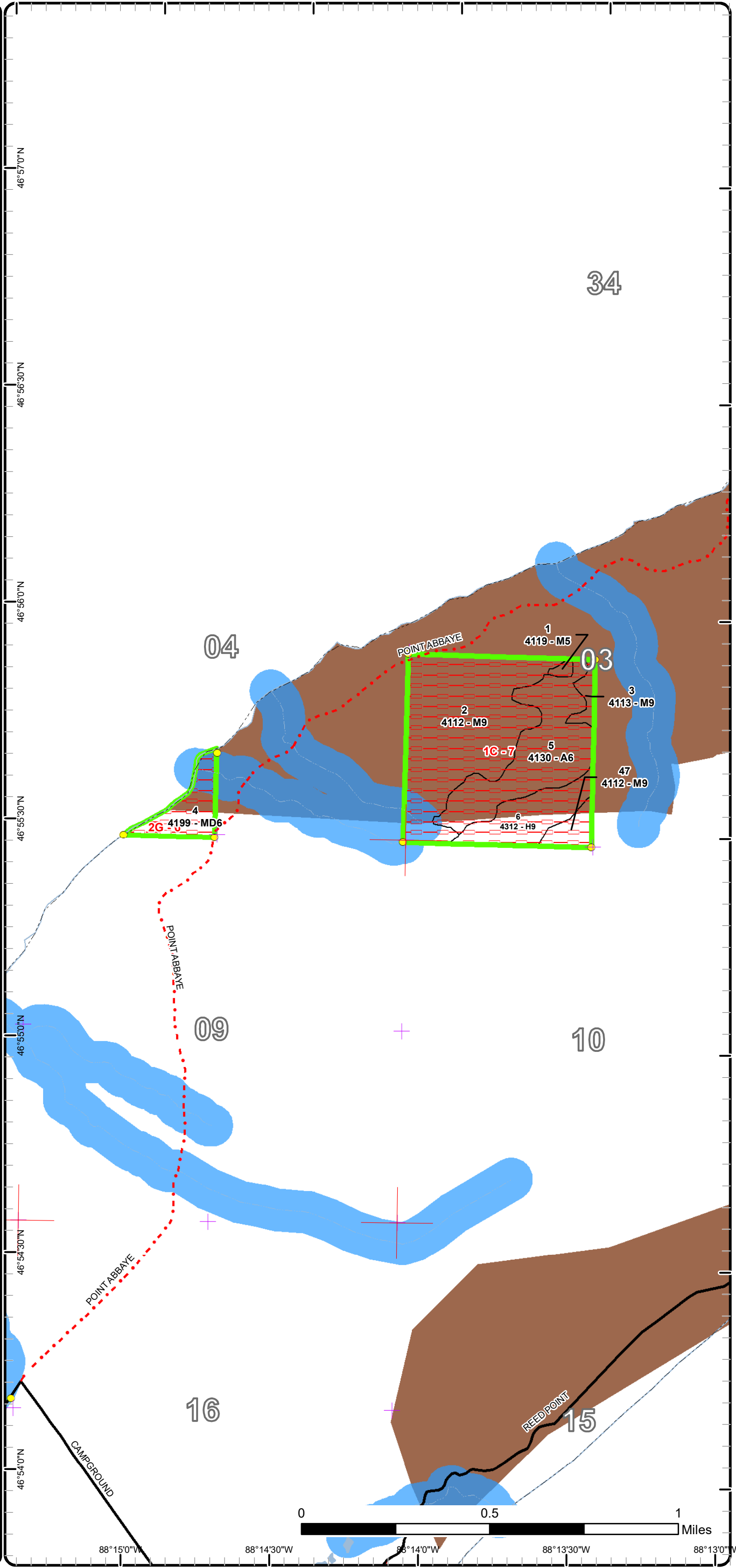


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- Compartment Boundary
- Unavailable
- 1C: Other dept or div proc/practices
- 2G: Too wet (sensitive soils, does not include access issues)
- Stand Boundaries
- High Priority Trout Stream Buffer
- Deer Winter Range



88°15'0"W 88°14'30"W 88°14'0"W 88°13'30"W 88°13'0"W

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	162	252	0	46	3	0	0	0	0	0	0	0	0	0	0	0	462
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	203	203
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	166	166
Lowland Deciduous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	43
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	57	0	0	0	0	0	0	0	83	140
Lowland Shrub	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	14
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	107	107
Northern Hardwood	0	0	0	0	0	1	0	0	80	0	0	0	0	0	0	0	0	319	399
Upland Conifers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	166	166
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33	33
Total	51	0	162	252	0	47	3	0	80	57	0	0	0	0	0	0	0	1140	1790



Report 2 – Treatment Summary

Baraga Mgt. Unit

Compartment 1

Year of Entry: 2022

Acres of Harvest

Total Compartment Acres: 1,791

Commercial Harvest - 226
 Harvests with Site Condition - 80
 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
Hemlock	0	109	0	0	0	0	0	0	0	109
Mixed Upland Deciduous	23	0	0	0	0	0	0	0	0	23
Northern Hardwood	0	174	0	0	0	0	0	0	0	174
Total	23	283	0	0	0	0	0	0	0	306

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	306	0	0	0	0	0	0	0	0	306
Next Step	0	0	0	0	0	0	320	0	0	320
Total	306	0	0	0	0	0	320	0	0	626



Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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Approved Treatments:

2	11001002-Cut	79.5	4112 - Maple, Beech, Cherry Association	Sawtimber Well	71	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
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Prescription Selectively thin hardwoods to 70-90 square feet of basal area. Favor oak, hemlock, white pine and cedar where/if present. Oak should be released on 3 sides to an average BA of 60 sq ft. Follow all guidelines set forth in "The Complete Marker".

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any combination of the original stand's over story species prior to harvest.

Regen:

Other

Comment:

Site Condition Other Dept./Div. Processes

Proposed Start Date: 10/1 /2021

7	11001007-Cut	9.9	4119 - Mixed Northern Hardwoods	Sawtimber Well	91	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
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Prescription Selectively thin hardwoods to 70-90 square feet of basal area. Favor oak, hemlock, white pine and cedar where/if present. Oak should be released on 3 sides to an average BA of 60 sq ft. Follow all guidelines set forth in "The Complete Marker".

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any combination of the original stand's over story species prior to harvest.

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2021

9	11001009-Cut	33.4	4312 - Hemlock, Mixed Deciduous	Sawtimber Well	119	201+	Harvest	Single Tree Selection	4312 - Hemlock, Mixed Deciduous	Uneven-Aged	No
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Prescription Selectively thin hardwoods to 70-90 square feet of basal area. Favor oak, hemlock, white pine and cedar where/if present. Oak should be released on 3 sides to an average BA of 60 sq ft. Follow all guidelines set forth in "The Complete Marker".

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any combination of the original stand's over story species prior to harvest.

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2021



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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15	11001015-Cut	70.5	4115 - Y.Birch, Hemlock NH	Sawtimber Well	83	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
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Prescription Selectively thin hardwoods to 70-90 square feet of basal area. Favor oak, hemlock, white pine and cedar where/if present. Oak should be released on 3 sides to an average BA of 60 sq ft. Follow all guidelines set forth in "The Complete Marker".
Specs:

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

Acceptable Any combination of the original stand's over story species prior to harvest.
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2021

37	11001037-Cut	75.6	4312 - Hemlock, Mixed Deciduous	Sawtimber Well	119	111-140	Harvest	Group Selection	4312 - Hemlock, Mixed Deciduous	Uneven-Aged	No
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Prescription Harvest all trees except hemlock, cedar, white pine, yellow birch, white birch. Also, reserve sugar maple and red maple =>22" dbh.
Specs:

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

Acceptable Any combination of the original stand's over story species prior to harvest.
Regen:

Other DNR prep.
Comment: The stand had a chapter 7 change since the new reserve species had a canopy closure of appx. 60%.
original Rx: Selectively thin hardwoods to 70-90 square feet of basal area. Favor oak, hemlock, white pine and cedar where/if present. Oak should be released on 3 sides to an average BA of 60 sq ft. Follow all guidelines set forth in "The Complete Marker".

Site Condition

Proposed Start Date: 10/1 /2019

39	11001039-Cut	16.4	4199 - Other Mixed Upland Deciduous	Poetimber Well	69	51-80	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Harvest all species down to 2 inches DBH except red oak, hemlock, white pine and cedar if present.
Specs:

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

Acceptable Aspen is the preferred species but any combination of the original stand's over story species prior to harvest is acceptable.
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2019



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	Habitat Cut
40	11001040-Cut	70.5	4119 - Mixed Northern Hardwoods	Sawtimber Well	81	111- 140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven- Aged	No
<p><u>Prescription</u> Selectively thin hardwoods to 70-90 square feet of basal area. Favor oak, hemlock, white pine and cedar where/if present. Oak should be released on 3 sides to an average BA of 60 sq ft. Follow all guidelines set forth in "The Complete Marker".</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Any combination of the original stand's over story species prior to harvest.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p>											
43	11001043-Cut	14.0	4119 - Mixed Northern Hardwoods	Sawtimber Well	91	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven- Aged	No
<p><u>Prescription</u> Selectively thin hardwoods to 70-90 square feet of basal area. Favor oak, hemlock, white pine and cedar where/if present. Oak should be released on 3 sides to an average BA of 60 sq ft. Follow all guidelines set forth in "The Complete Marker".</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory); Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Any combination of the original stand's over story species prior to harvest.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2019</p>											
44	11001044-Cut	6.6	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	84	81-110	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Even-Aged	No
<p><u>Prescription</u> Harvest all species down to 2 inches DBH except red oak, hemlock, white pine and cedar if present.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Any combination of the original stand's over story species prior to harvest.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2019</p>											

Total Treatment 376.4
Acres Proposed:

Report 4 – Site Conditions

Baraga Mgt. Unit
Ryan Mattila : Examiner

Compartment: 1
Year of Entry: 2022

Availability for Management

Total Acres	Acres Available	Acres Avail With Condition	Acres Not Available
462	414	0	48
6	0	0	6
203	113	2	88
166	0	0	166
43	0	0	43
140	0	0	140
51	27	0	24
14	0	0	14
107	20	2	85
399	306	1	92
166	29	0	137
33	0	0	33
1,791	909	5	877
	51%	0%	49%

Dominant Site Conditions

	Availability for Management			Dominant Site Conditions						
	Acres Available	Acres Avail With Condition	Acres Not Available	MC	1C	2G	3G	3H	3K	
462	414	0	48	Aspen						
6	0	0	6	Cedar						
203	113	2	88	2	21	0		38	29	
166	0	0	166	Lowland Conifers						
43	0	0	43	Lowland Deciduous						
140	0	0	140	Lowland Mixed Forest						
51	27	0	24	Lowland Shrub						
14	0	0	14	Lowland Spruce/Fir						
107	20	2	85	2		15	23		47	
399	306	1	92	1	92	0	0	0	0	
166	29	0	137	Upland Conifers						
33	0	0	33	Upland Mixed Forest						
1,791	909	5	877	5	159	66	26	417	209	
	51%	0%	49%	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)	7	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	Unspecified	Unspecified	Unspecified
Comments:							
2	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	80	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Baraga Mgt. Unit
Ryan Mattila : Examiner

Compartment: 1
Year of Entry: 2022

3	Unavailable	3G: Other Influence zones - See comments	26	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Lake shore influence zone.							
4	Available	Minor Change in Acreage	5				
Comments:							
5	Unavailable	3K: Rare or unique landforms	200	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Area is a Boreal Forest ERA See plan for additional details.							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	1C: Other dept or div proc/practices	159	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Land is currently approved for Land Transaction #20200202 Minerick.							
8	Unavailable	3K: Rare or unique landforms	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Area is a Sandstone Coddle Shore ERA See plan for additional details.							

Report 4 – Site Conditions

Baraga Mgt. Unit
Ryan Mattila : Examiner

Compartment: 1
Year of Entry: 2022

10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	43	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	337	3K: Rare or unique landforms	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified
Comments: Lake Superior shore line influence zone							

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	Great Lakes Islands	Great Lakes Islands provide significant habitat for numerous species, including many rare plants and animals, several of which are endemic or largely restricted to the Great Lakes region. Due to their isolation, islands provide good examples of many Great Lakes-associated natural communities and ecosystems, and thus have potential to provide insights for understanding the consequences of human disturbance on the increasingly fragmented ecosystems of the mainland.
SCA	Habitat Area	An area that provide some specific need for the life cycle of wildlife species, including State Wildlife Areas and Waterfowl Production Areas, deer wintering complexes in lowland conifer communities, grassland openings and savannas. Habitat areas are distinct from critical habitat designated for recovery of endangered or threatened species (such as Kirtland's warbler or piping plover areas) in that they are more general in nature, are not primarily associated with threatened or endangered species, and are not covered by species recovery plans that are developed in cooperation with Federal agencies.
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.
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of natural communities that have been identified as Element Occurrences (EOs) by the Michigan Natural Features Inventory (MNFI) within the context of their natural community classification system. Element Occurrences with viability ranks of A (Excellent) or B (Good) and a Global (G) or State (S) element (rarity) ranking of endangered (1), threatened (2), or rare (3) serve as an initial base of ERAs. They may be located upon any ownership in the State. The system is comprised of individual or associations of natural community types that are managed for restoration and maintenance of natural ecological processes and values. The public may submit recommendations for lands as ERAs using the DNR Conservation Area Recommendation Form.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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1	4119 - Mixed Northern Hardwoods	Poletimber Medium	1.4	42	1-50	N/A	Cut with Aspen stand to south in 10 years
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	5	Pole/Sapling	5		Witch Hazel	Low	5 - 10 feet	Tall Shrub
Red Maple	43	Pole	6	42				
Yellow Birch	15	Pole	8					
White Ash	20	Pole	6					
Paper Birch	5	Pole/Sapling	5					
Quaking Aspen	5	Pole	8					
Balsam Fir	5	Pole/Sapling	6					
White Spruce	2	Pole/Sapling	6					

2	4112 - Maple, Beech, Cherry Association	Sawtimber Well	79.5	71	111-140	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	70	Log/Pole	13	71	Red Maple	High	Variable	Sapling
Yellow Birch	7	Pole	9		Balsam Fir	Medium	Variable	Sapling
Paper Birch	5	Pole	9		White Pine	Low	5 - 10 feet	Sapling
White Spruce	3	Pole	8		Striped Maple	Low	5 - 10 feet	Sapling
White Pine	3	XLog	24					
Sugar Maple	12	Pole	8					

3	4113 - R.Maple, Conifer	Sawtimber Well	4.1	81	81-110	N/A	Cut with Aspen stand to the west in ten years part of unit 1 of "Pin Pen Pulp" cut in 2004
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	73	Log/Pole	13	81	Red Maple	High	5 - 10 feet	Sapling
Yellow Birch	2	Pole/Log	9		Balsam Fir	Medium	Variable	Sapling
White Spruce	3	Log/Pole	10		Northern White Cedar	Low	>20 feet	Pole
Northern White Cedar	3	Log/Pole	10		White Pine	Low	5 - 10 feet	Sapling
White Pine	1	XLog	20		Hemlock	Medium	>20 feet	Pole
Hemlock	15	Log	14		Black Ash	Low	5 - 10 feet	Sapling
Black Ash	3	Pole	6		Striped Maple	Low	10 - 20 feet	Sapling

4	4199 - Other Mixed Upland Deciduous	Poletimber Well	15.6	98	51-80	N/A	Wet soils. shallow rooted and ground never freezes.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	50	Pole/Log	9	98	Red Maple	Medium	Variable	Sapling
Paper Birch	20	Pole	8		Balsam Fir	Full	Variable	Sapling
Quaking Aspen	15	Log	14		White Spruce	Low	Variable	Pole
White Spruce	5	Pole	8		Tag Alder	Medium	10 - 20 feet	Tall Shrub
Northern White Cedar	5	Pole	6					
Black Ash	5	Pole	6					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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5	4130 - Aspen	Poletimber Well	45.7	42	51-80	N/A	Looks like it was a "choppers choice" when it was cut in 1978. This stand has a variable diameter and some aspen are as big as 12". Probably ready in 2032.	
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height
Red Maple	10	Sapling/Pole	4		Sugar Maple	Low	10 - 20 feet	Sapling
Paper Birch	5	Pole	6		Red Maple	Low	>20 feet	Pole
Quaking Aspen	75	Pole	7	42	Balsam Fir	Low	Variable	Sapling
White Spruce	5	Pole	6		White Spruce	Low	>20 feet	Sapling
Hemlock	5	Pole	8		Striped Maple	Low	5 - 10 feet	Sapling

6	4312 - Hemlock, Mixed Deciduous	Sawtimber Well	21.5	115	111-140	N/A	Look to clearcut in ten years with Aspen to north Part of "Pig Pen Pulp" cut in 2004.	
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height
Sugar Maple	2	Pole	8		Red Maple	Medium	Variable	Sapling
Red Maple	35	Log	12		Yellow Birch	Low	Variable	Sapling
Yellow Birch	10	Log/Pole	10		Balsam Fir	Low	Variable	Sapling
White Ash	2	Log	10		White Spruce	Low	Variable	Sapling
Northern White Cedar	2	Log	16		Hemlock	Medium	>20 feet	Pole
White Pine	3	XLog	22					
Hemlock	43	Log	16	115				
Black Ash	3	Log/Pole	10					

7	4119 - Mixed Northern Hardwoods	Sawtimber Well	9.9	91	81-110	N/A	Unit 4 of "Hot Plate Hdws" cut in 2004	
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height
Sugar Maple	68	Log/Pole	10	91	Sugar Maple	High	Variable	Sapling
Red Maple	10	Log/Pole	10					
Yellow Birch	5	Log	12					
Basswood	5	Log	12					
Northern White Cedar	5	Log	12					
Hemlock	5	Log	12					
Black Ash	2	Log/Pole	12					

8	42390 - Mixed Non-Pine Upland Conifers	Sawtimber Well	42.9	119	171-200	N/A	Stand hard factored nonharvestable, stand not visited during 2020 inventory cycle. Heavy to cedar poles in the north half of the stand.	
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height
Red Maple	17	Pole/Log	8		Red Maple	Low	Variable	Sapling
Yellow Birch	5	Log/Pole	12		Yellow Birch	Low	Variable	Sapling
Paper Birch	2	Pole/Log	8		Balsam Fir	Low	10 - 20 feet	Sapling
Balsam Fir	2	Pole	8		Northern White Cedar	Medium	>20 feet	Pole
White Spruce	2	Log	16		Tag Alder	Low	Variable	Tall Shrub
Black Spruce	2	Log/Pole	10					
Northern White Cedar	30	Pole/Log	10					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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9	4312 - Hemlock, Mixed Deciduous	Sawtimber Well	33.4	119	201+	N/A	Leave until next rotation and cut with hdwds to the north. Could cut hdwd pockets within stand.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	10	Log/Pole	11		Sugar Maple	Medium	Variable	Sapling
Red Maple	30	Log/Pole	12		Red Maple	Low	Variable	Sapling
Yellow Birch	5	Log/Pole	11		Yellow Birch	Low	Variable	Sapling
White Spruce	2	Log	16		Balsam Fir	Low	10 - 20 feet	Pole
Northern White Cedar	10	Log	16					
White Pine	1	XLog	24					
Hemlock	42	Log	16	119				

10	6220 - Alder/willow	Nonstocked	20.1		Unspecified	No	Stand hard factored nonharvestable, stand not visited during 2020 inventory cycle.
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11	4319 - Mixed Upland Forest	Poletimber Well	33.0	71	81-110	N/A	Stand hard factored nonharvestable, stand not visited during 2020 inventory cycle.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	20	Log/Pole	10		Balsam Fir	Full	Variable	Sapling
Paper Birch	25	Pole	8	71	Northern White Cedar	Medium	>20 feet	Pole
Balsam Fir	5	Pole	6		Tag Alder	Medium	10 - 20 feet	Tall Shrub
White Spruce	5	Log	12					
Black Spruce	5	Pole	8					
Northern White Cedar	20	Pole	8					
White Pine	5	XLog	22					
Hemlock	15	Log	16					

Shallow soils and shallow rooted trees.

12	6113 - Lowland Maple	Sawtimber Well	43.2	88	111-140	N/A	Shallow rooted trees with lots of blowdown.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	5	Pole/Log	8		Sugar Maple	Medium	>20 feet	Sapling
Red Maple	63	Log/Pole	10	88	Yellow Birch	Low	Variable	Sapling
Yellow Birch	10	Pole/Log	8		Balsam Fir	Low	Variable	Sapling
Paper Birch	2	Pole	8		Northern White Cedar	Medium	>20 feet	Pole
Northern White Cedar	10	Log/Pole	10					
Hemlock	10	Log/Pole	12					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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13 6129 - Mixed Coniferous Lowland Forest Poletimber Well 29.7 104 81-110 N/A Wet Ground,

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Pole	6		Red Maple	Low	Variable	Sapling
Paper Birch	2	Pole	6		Yellow Birch	Low	Variable	Sapling
White Spruce	5	Log/Pole	10		Balsam Fir	High	Variable	Sapling
Black Spruce	8	Pole	7		Black Spruce	Low	10 - 20 feet	Sapling
Northern White Cedar	20	Pole/Log	9		White Pine	Low	5 - 10 feet	Sapling
Tamarack	15	Pole	8					
White Pine	15	Log	14					
Hemlock	30	Log	14	104				

14 6220 - Alder/willow Nonstocked 3.7 Unspecified No Stand hard factored nonharvestable, stand not visited during 2020 inventory cycle.

Tag Alder

15 4115 - Y.Birch, Hemlock NH Sawtimber Well 70.5 83 111-140 N/A units 3 and 4 of "Hot Plate Hdwds" cut in 2004

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	10	Pole/Log	9		Sugar Maple	Medium	Variable	Sapling
Red Maple	56	Log/Pole	11	83	Red Maple	High	10 - 20 feet	Sapling
Yellow Birch	5	Pole/Log	9		Northern White Cedar	Medium	>20 feet	Pole
Paper Birch	2	Pole	8					
Northern White Cedar	10	Log/Pole	10					
White Pine	2	Log	16					
Hemlock	15	Log	14					

16 6220 - Alder/willow Nonstocked 27.3 No

17 4112 - Maple, Beech, Cherry Association Poletimber Well 13.5 74 51-80 N/A stand is in transition from Aspen to hdwds, May need to take basal area down to 50sqft in some places.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	5	Pole	8		Red Maple	Medium	Variable	Pole
Red Maple	83	Pole	8	74	Yellow Birch	Medium	>20 feet	Pole
Yellow Birch	5	Pole	6		Balsam Fir	Medium	Variable	Sapling
Paper Birch	2	Log/Pole	10		White Spruce	Low	Variable	Sapling
Balsam Fir	5	Pole	5		Quaking Aspen	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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18 6132 - Mixed Lowland Forest with Cedar Poletimber Well 83.1 72 141-170 N/A Stand hard factored nonharvestable, stand not visited during 2020 inventory cycle.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	40	Pole	7	72
Yellow Birch	5	Log/Pole	10	
White Spruce	2	Log	12	
Northern White Cedar	20	Pole	8	
White Pine	3	XLog	22	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	High	>20 feet	Pole
Yellow Birch	Low	Variable	Sapling
Paper Birch	Low	>20 feet	Pole
Balsam Fir	High	Variable	Sapling

Lots of wet Swails and strips on small diameter hdwd (blowdown or old cutting?).

19 4130 - Aspen Sapling Well 112.3 16 1-50 N/A "Abbeye Aspen" units 1, 2 and 3. cut in 2004.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Sapling	1	
Quaking Aspen	90	Sapling	1	16

20 4130 - Aspen Sapling Well 18.5 21 1-50 N/A cut in 1999

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Sapling	2	
Quaking Aspen	90	Sapling	2	21

21 6129 - Mixed Coniferous Lowland Forest Sawtimber Well 7.4 99 111-140 N/A Small acerage, transition between A3 and S5.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Log/Pole	10	
Paper Birch	2	Pole	6	
Quaking Aspen	2	Pole	8	
Balsam Fir	5	Pole	6	
Black Spruce	20	Pole	8	
Northern White Cedar	11	Pole	8	
Tamarack	5	Pole	8	
White Pine	5	Log/Pole	12	
Hemlock	40	Log	14	99

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	Variable	Sapling
Black Spruce	Medium	Variable	Sapling
White Pine	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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22	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	12.5	91	81-110	N/A	Stand hard factored nonharvestable, stand not visited during 2020 inventory cycle.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Pole	6		Red Maple	Low	Variable	Sapling
Paper Birch	2	Pole	6		Yellow Birch	Low	Variable	Sapling
White Spruce	5	Log/Pole	10		Balsam Fir	High	Variable	Sapling
Black Spruce	8	Pole	7		Black Spruce	Low	10 - 20 feet	Sapling
Northern White Cedar	20	Pole/Log	9		White Pine	Low	< 5 feet	Sapling
Tamarack	15	Pole	8					
White Pine	15	Log	14					
Hemlock	30	Log	14	91				

23	4130 - Aspen	Sapling Well	80.1	26	1-50	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	2	Sapling	3		Balsam Fir	Low	10 - 20 feet	Sapling
Quaking Aspen	98	Sapling	3	26				

24	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	56.8	84	81-110	N/A	Stand hard factored nonharvestable, stand not visited during 2020 inventory cycle.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	27	Pole	8	84	Red Maple	High	Variable	Sapling
Yellow Birch	5	Log/Pole	10		Yellow Birch	Low	Variable	Sapling
Paper Birch	20	Pole	8		Balsam Fir	High	Variable	Sapling
Northern White Cedar	25	Log/Pole	10		Northern White Cedar	Medium	Variable	Pole
White Pine	3	XLog	24					

Wet ground with shallow soils, was prescribed in the past but was deemed "too wet" to be cut.

25	4130 - Aspen	Sapling Well	40.0	16	1-50	N/A	cut in 2004 as part of "Abbaye Aspen" Unit 5.
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	2	Sapling	1	
Quaking Aspen	98	Sapling	1	16

26	4130 - Aspen	Sapling Well	9.2	16	1-50	N/A	cut in 2004 as part of "Abbaye Aspen" unit 4
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Sapling	1	
Paper Birch	3	Sapling	1	
Quaking Aspen	90	Sapling	1	16
Balsam Fir	2	Sapling	1	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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27 4115 - Y.Birch, Hemlock NH Poletimber Well 107.5 77 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	25	Log	10		Sugar Maple	Medium	Variable	Sapling
Red Maple	33	Pole/Log	8	77	Red Maple	Low	Variable	Sapling
Yellow Birch	10	Log/Pole	10		Yellow Birch	Low	Variable	Sapling
Red Oak	2	Log	16		Hemlock	Low	>20 feet	Pole
Paper Birch	2	Log/Pole	10					
White Pine	3	XLog	22					
Hemlock	25	Log	16					

28 4312 - Hemlock, Mixed Deciduous Sawtimber Well 17.3 104 171-200 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	10	Log/Pole	11		Sugar Maple	Low	>20 feet	Pole
Red Maple	30	Log/Pole	11		Red Maple	Medium	>20 feet	Pole
Yellow Birch	6	Log	14		Hemlock	Medium	>20 feet	Pole
Northern White Cedar	2	Log/Pole	11					
White Pine	2	XLog	24					
Hemlock	50	XLog/Log	18	104				

29 4130 - Aspen Sapling Well 126.9 23 1-50 N/A 1997 cutting record.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	3	Sapling	2	
Quaking Aspen	94	Sapling	2	23
Balsam Fir	3	Sapling	2	

30 4312 - Hemlock, Mixed Deciduous Sawtimber Well 21.1 104 171-200 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	10	Log/Pole	11		Sugar Maple	Low	Variable	Pole
Red Maple	30	Log/Pole	11		Red Maple	Medium	Variable	Pole
Yellow Birch	6	Log	14		Hemlock	Medium	>20 feet	Pole
Northern White Cedar	2	Log/Pole	11					
White Pine	2	XLog	24					
Hemlock	50	XLog/Log	18	104				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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31 42390 - Mixed Non-Pine Upland Conifers Sawtimber Well 28.8 116 141-170 N/A Some pockets were cut before and are filled with small diameter Hdwds. Several wet drainages throughout.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	8	Pole/Sapling	6		Yellow Birch	Medium	>20 feet	Pole
Yellow Birch	5	Log/Pole	10		Balsam Fir	Medium	>20 feet	Pole
Paper Birch	2	Pole	8		Hemlock	High	>20 feet	Pole
Balsam Fir	2	Pole	8					
Northern White Cedar	38	Log/Pole	10					
White Pine	5	XLog	22					
Hemlock	40	XLog	22	116				

32 6122 - Black Spruce Poletimber Well 14.1 81 51-80 N/A Stand hard factored nonharvestable, stand not visited during 2020 inventory cycle.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	90	Pole	8	81	Paper Birch	Low	Variable	Sapling
White Pine	10	Log/Pole	12		Balsam Fir	High	Variable	Sapling
					Black Spruce	Medium	Variable	Sapling

Wet.

33 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Well 116.6 106 111-140 N/A Stand hard factored nonharvestable, stand not visited during 2020 inventory cycle.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	22	Pole/Log	10		Red Maple	Medium	Variable	Sapling
Yellow Birch	3	Pole/Log	10		Yellow Birch	Low	Variable	Sapling
Paper Birch	5	Pole	8		Balsam Fir	High	Variable	Sapling
Quaking Aspen	2	Pole	6		Northern White Cedar	Low	>20 feet	Pole
Balsam Fir	5	Pole	6		Tag Alder	Medium	10 - 20 feet	Tall Shrub
Black Spruce	5	Pole	8					
Northern White Cedar	23	Pole	8					
White Pine	5	XLog	22					

Wet ground with Hemlock knobs.

34 42380 - Non Pine Upland Conifer, Mixed Deciduous Poletimber Well 42.7 91 111-140 N/A Stand hard factored nonharvestable, stand not visited during 2020 inventory cycle.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	15	Pole	8		Balsam Fir	Full	Variable	Sapling
Paper Birch	15	Pole	8					
Balsam Fir	5	Pole	6					
White Spruce	8	Log	12					
Black Spruce	8	Pole	8					
Northern White Cedar	10	Pole	8					
White Pine	10	Log	18					

stand is adjacent to the Lake Shore and has areas of blowdown.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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35 4112 - Maple, Beech, Cherry Association Poletimber Well 20.7 76 51-80 N/A Stand not visited during 2020 inventory cycle.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	60	Log/Pole	10	76
Red Maple	30	Pole/Log	9	
Yellow Birch	3	Log/Pole	10	
Paper Birch	2	Pole/Log	9	
Quaking Aspen	3	Log	12	
Hemlock	2	Log	14	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	High	Variable	Sapling
Balsam Fir	Low	Variable	Sapling

36 6120 - Lowland Cedar Poletimber Well 5.8 84 81-110 N/A Stand hard factored nonharvestable, stand not visited during 2020 inventory cycle.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Pole	5	
Paper Birch	5	Pole	6	
Balsam Fir	5	Pole	6	
White Spruce	5	Pole	8	
Black Spruce	10	Pole	8	
Northern White Cedar	50	Log/Pole	10	84
Hemlock	15	Log/Pole	10	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Medium	Variable	Sapling
Balsam Fir	Full	Variable	Sapling
Black Spruce	Low	Variable	Sapling

37 4312 - Hemlock, Mixed Deciduous Sawtimber Well 78.8 119 111-140 N/A cut in 2004 as part of "Horse Barn Hdwds".

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	20	Log/Pole	10	
Red Maple	22	Log/Pole	10	
Yellow Birch	5	Pole/Log	9	
Paper Birch	2	Pole/Log	9	
Quaking Aspen	2	Log	12	
White Spruce	2	Log	14	
Northern White Cedar	2	Log	12	
Hemlock	45	Log	16	119

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Medium	>20 feet	Pole
Red Maple	Medium	>20 feet	Pole
Northern White Cedar	Low	>20 feet	Pole

38 42380 - Non Pine Upland Conifer, Mixed Deciduous Sawtimber Well 52.0 111 141-170 N/A Stand hard factored nonharvestable, stand not visited during 2020 inventory cycle.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	25	Log/Pole	10	
Yellow Birch	5	Pole	8	
Paper Birch	5	Pole	8	
Black Spruce	5	Pole	8	
Northern White Cedar	25	Log	12	
White Pine	5	XLog	20	
Hemlock	30	Log	16	111

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	High	Variable	Sapling
Hemlock	Medium	>20 feet	Pole



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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39	4199 - Other Mixed Upland Deciduous	Poletimber Well	22.0	69	51-80	N/A	Stand is adjacent to the lakeshore. There are wet and blowdown areas in stand.
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Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	5	Pole	8	
Red Maple	40	Pole	8	69
Yellow Birch	5	Pole	7	
Paper Birch	20	Pole	8	
Quaking Aspen	20	Pole	8	
Balsam Fir	10	Pole	7	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	High	Variable	Pole
White Spruce	Low	10 - 20 feet	Sapling
Witch Hazel	Medium	5 - 10 feet	Tall Shrub

40	4119 - Mixed Northern Hardwoods	Sawtimber Well	70.5	81	111-140	N/A	cut in 2004 as part of "Hot Plate Hdwds" units 1 and 2.
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Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	50	Log/Pole	11	81
Red Maple	22	Log/Pole	10	
Yellow Birch	3	Pole	8	
Paper Birch	5	Pole	8	
Quaking Aspen	3	Pole	8	
White Pine	2	XLog	22	
Hemlock	15	Log	16	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	High	Variable	Sapling
Balsam Fir	Medium	Variable	Sapling

41	4134 - Aspen, Spruce/Fir	Poletimber Medium	2.5	57	1-50	N/A	Grown over "G" type.
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Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	5	Pole	6	
Red Maple	5	Pole	6	
Paper Birch	5	Pole	6	
Quaking Aspen	50	Pole	8	57
Balsam Fir	21	Pole	8	
White Spruce	5	Pole	9	
Northern White Cedar	2	Pole	6	
White Pine	5	Pole	8	
Red Pine	2	Pole	6	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	High	Variable	Sapling
White Spruce	Low	10 - 20 feet	Sapling

42	4130 - Aspen	Sapling Well	26.8	23	Immature	N/A	1997 cutting record.
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	3	Sapling	2	
Yellow Birch	2	Sapling	2	
Quaking Aspen	93	Sapling	2	23
Balsam Fir	2	Sapling	2	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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43 4119 - Mixed Northern Hardwoods Sawtimber Well 14.8 91 81-110 N/A cut in 2004 as part of "Horse Barn Hdws"

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	58	Log/Pole	13	91	Sugar Maple	Medium	>20 feet	Pole
Red Maple	20	Log/Pole	11		Red Maple	Low	>20 feet	Pole
Yellow Birch	5	Pole/Log	9		Balsam Fir	Low	>20 feet	Sapling
Paper Birch	2	Pole/Log	9		Northern White Cedar	Low	>20 feet	Pole
Northern White Cedar	5	Pole/Log	9					
Hemlock	10	Log	14					

44 4191 - Mixed Upland Deciduous with Conifer Poletimber Well 22.5 84 81-110 N/A stand is adjacent to the lakeshore, Was M5 last time.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	15	Pole/Log	9		Sugar Maple	Low	Variable	Sapling
Red Maple	30	Pole/Log	9	84	Red Maple	Medium	Variable	Sapling
Yellow Birch	3	Pole/Log	9		Balsam Fir	High	Variable	Sapling
Paper Birch	15	Pole	9		Northern White Cedar	Low	>20 feet	Pole
Quaking Aspen	5	Log/Pole	12					
White Spruce	2	Pole	8					
Northern White Cedar	15	Pole	8					
Hemlock	15	Log	14					

45 4191 - Mixed Upland Deciduous with Conifer Sawtimber Well 46.6 81 111-140 N/A Stand hard factored nonharvestable, stand not visited during 2020 inventory cycle.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	5	Pole/Log	8		Red Maple	Medium	Variable	Sapling
Red Maple	45	Log/Pole	10	81	Yellow Birch	Low	Variable	Pole
Yellow Birch	5	Pole	8		Balsam Fir	High	Variable	Sapling
Paper Birch	5	Log/Pole	10		Northern White Cedar	Medium	>20 feet	Pole
Balsam Fir	2	Pole	6					
White Spruce	3	Log/Pole	10					
Northern White Cedar	5	Log/Pole	10					
White Pine	2	XLog	22					

2010: Was E6 last rotation. the east portion of this stand is cuttable, but should wait until the hardwoods to the south are ready before it is prescribed.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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46 42350 - Upland Hemlock Poletimber Well 30.9 97 141-170 N/A Stand hard factored nonharvestable, stand not visited during 2020 inventory cycle.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	8	Pole	7		Balsam Fir	High	Variable	Sapling
Yellow Birch	5	Pole	7		Hemlock	Medium	>20 feet	Pole
Paper Birch	5	Pole	8					
Balsam Fir	2	Pole	6					
Black Spruce	8	Pole	8					
Northern White Cedar	9	Pole/Log	10					
White Pine	3	XLog	24					
Hemlock	60	Log	16	97				

47 4112 - Maple, Beech, Cherry Association Sawtimber Well 7.0 75 111-140 N/A Part of "Pig Pen Pulp" cut in 2004.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	5	Pole	8		Red Maple	Medium	Variable	Sapling
Red Maple	75	Log	12	75	Yellow Birch	Low	Variable	Sapling
Yellow Birch	5	Log/Pole	10		Balsam Fir	Low	Variable	Sapling
White Ash	2	Log	10		White Spruce	Low	Variable	Sapling
White Pine	3	XLog	22		Hemlock	Medium	>20 feet	Pole
Hemlock	10	Log	16	115				