



Compartment Review Presentation

Baraga Forest Management Unit

Compartment 11080

Entry Year 2022

Acreage: 2,761

County Marquette

Management Area: Huron Mountains

Revision Date: 2020-04-21

Stand Examiner: Jason Mittlestat

Legal Description:

Baraga County, Arvon Township
T52N R30W Section 12, 13, 16, 26 and 35.
T51N R30W Section 1.
Marquette County, Powell Township
T52N R29W Section 7, 16, 17, 18, 21 and 28.

Identified Planning Goals:

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

Soil and topography:

Much of the compartment is level to rolling. There is an area of steep slopes and exposed bedrock to the south. Soils are Carbondale and Tacoosh mucks in the lowlands. Uplands are Rubicon, Croswell, Kinross, Assinins, and Kalkaska sands; Yalmer, Burt Variant, Munising, Skanee, and Keweenaw loamy sands; Peshekee cobbly silt loam; and rock outcrop.

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

The surrounding lands are primarily industrial timber land to the west. To the south and east lands are private clubs.

Unique Natural Features:

Mouth of the Huron River and the confluence of the East and West Branches of the Huron River and adjoining falls.

Archeological, Historical, and Cultural Features:

HAL and MNFI will need to be referenced.

Special Management Designations or Considerations:

Watershed and Fisheries Considerations:

The compartment adjoins Lake Superior. The Huron River and Little Huron River flow through the compartment as does Chinks Creek. These water bodies are popular with fishermen. Both the Huron and Little Huron Rivers are trout streams. There is a need to upgrade the crossing on Chinks Creek in T51N R30W Sec 1.

Wildlife Habitat Considerations:

This compartment provides valuable wildlife habitat to grouse, deer, bear, furbearers, woodland raptors and neo tropical migrant song birds. Moose are of particular importance in this area and frequent this compartment. Accordingly management activities which conserve deep shade adjacent to aquatic feeding sites is desired for thermal regulation of moose during the summer. This compartment is within the Western extension of the Huron Mountains Deer Yarding complex. This yard is critically important to wintering deer from Southeastern Baraga and much of Marquette County. Maintenance and expansion of long lived conifer species such as eastern hemlock, northern white cedar, and white pine are of primary importance. The Huron Mountains represent one of the largest remaining functional hemlock dominated forest expanses in the upper Great Lakes region. Silvicultural practices which promote thermal cover habitat should be emphasized here. Maintenance of wildlife movement corridors particularly along riparian influence zones is a wildlife emphasis. Along with improvement of within stand structural and species composition of hardwood associations through promotion of conifer species such as eastern hemlock. Maintenance of aspen acreage within this compartment for early forest wildlife species.

Mineral Resource and Development Concerns and/or Restrictions

No active sand/gravel pits exist in the area, and potential for sand & gravel within the compartment appear to be low. There is no known metallic mineral potential in this area, and there is no record of past metallic mineral exploration or leasing within the compartment. 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:

Access from the west in Baraga County is by county road. Access to the lands east of the Huron River is by an extensive logging road system though industry and small private ownership's.

Survey Needs:

Some survey is needed.

Recreational Facilities and Opportunities:

The land at the mouth of the Huron River is heavily used for camping and picnicking. A developed campground is available at Big Ericks where the East and West Branches of the Huron River meet.

Fire Protection:

The jack pine types near the mouth of the Huron River present a fire risk. Development of private recreational properties to the South and West, combined with the popular day use in the beach area make this an area of concern for wild fire potential. The eastern part of the compartment borders several bald rock outcrops of the Huron Mountains which are prone to lightening strikes as well and present access challenges.

Additional Compartment Information:

There is heavy deer browse throughout the compartment. This will require attention during silvicultural operations.

The following reports from the Inventory are attached:

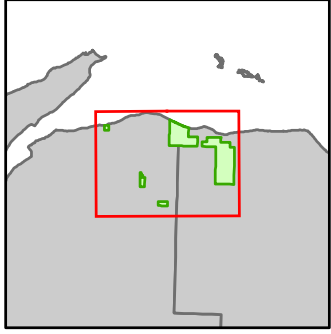
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

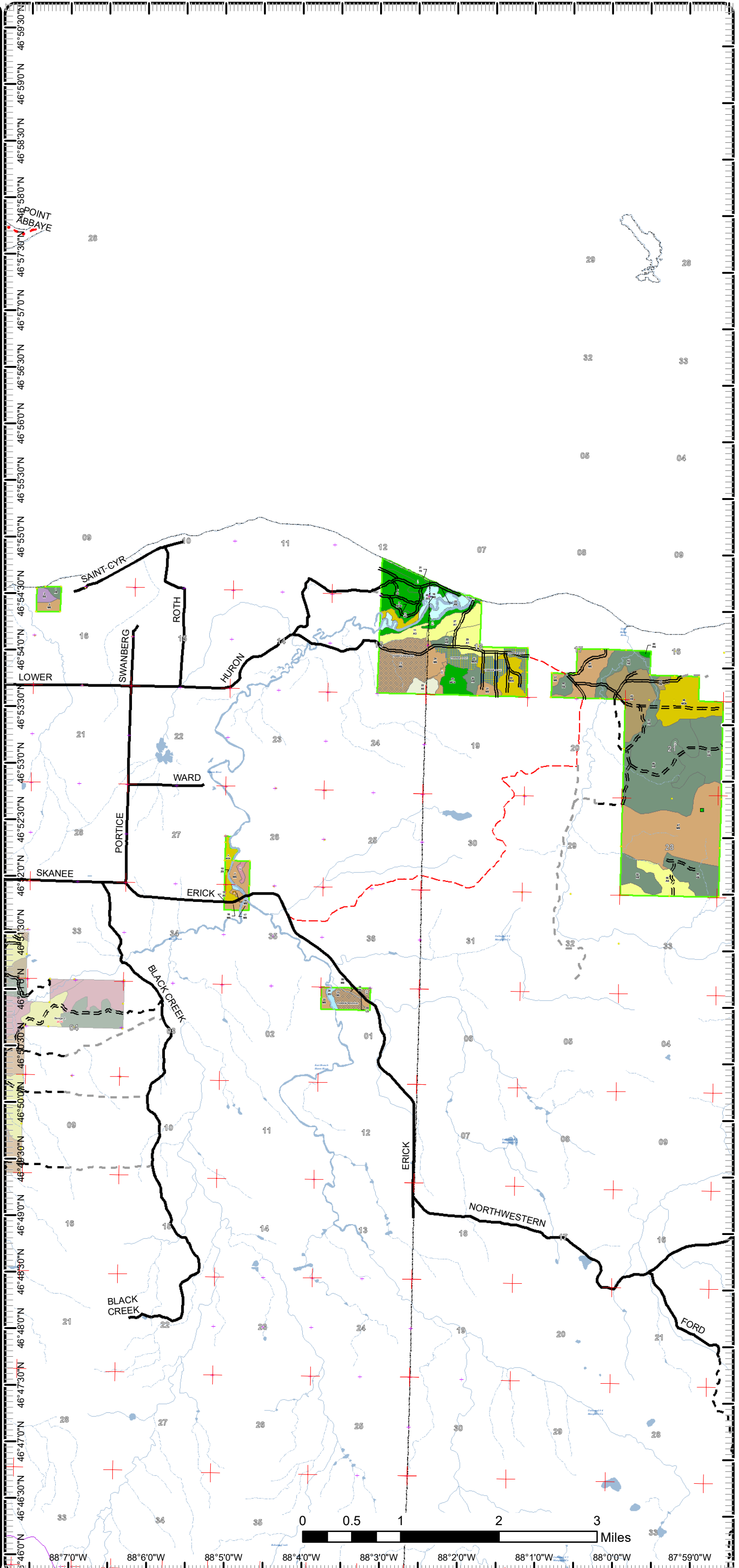
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 80
 T52N, R30W, Sec. 13, 16, 26, 35
 T52N, R29W, Sec. 16, 17, 21, 28,
 T51N, R30W, Sec. 1
 County: Marquette
 Unit: Baraga
 Mgmt Area: Huron Mountains
 YOE: 2022
 Acres: 2,761 GIS Calculated
 Examiner: Jason Mittlestat
 Map Revised: 10/2/2020
 Map Phase: Post Review



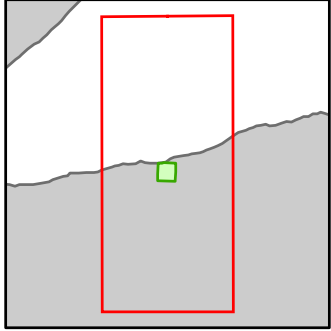
- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- == DNR - Forest Access Route
- Federal / State / County - Paved Road
- - Federal / State - Dirt / Gravel Road
- - County - Dirt Road (Seasonal)
- - Private - Dirt / Gravel Road
- - Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers
- Gate
- Campground
- City
- Compartment Boundary
- ▨ Selection (Group, Single Tree)
- ▨ Seed Tree (w/Reserves)
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 122 - Roads/Parking Lot
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 710 - Sand/Soil
- 790 - Other Bare/Sparsely Vegetated



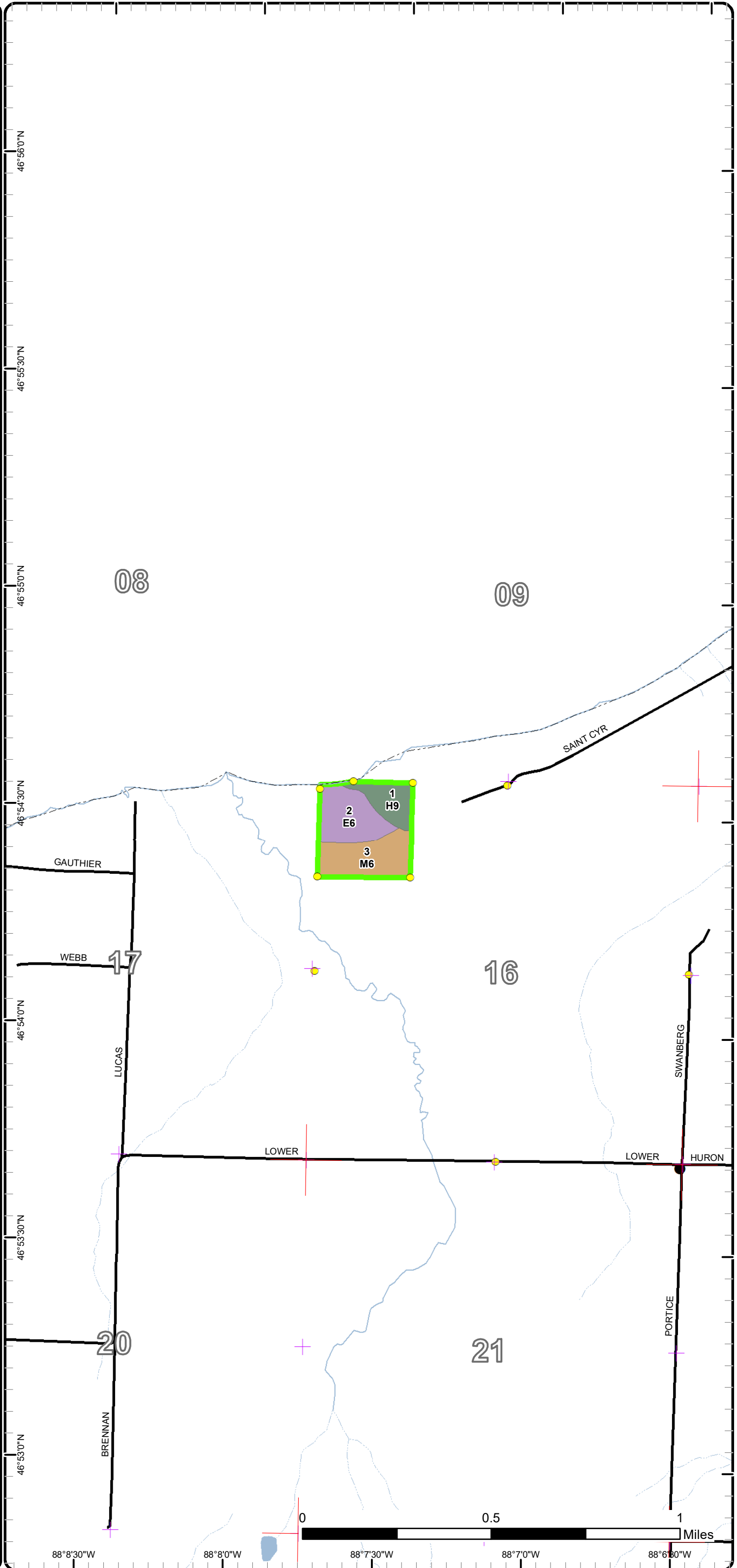
88°46'0"W 88°46'30"W 88°47'0"W 88°47'30"W 88°48'0"W 88°48'30"W 88°49'0"W 88°49'30"W 88°50'0"W 88°50'30"W 88°51'0"W 88°51'30"W 88°52'0"W 88°52'30"W 88°53'0"W 88°53'30"W 88°54'0"W 88°54'30"W 88°55'0"W 88°55'30"W 88°56'0"W 88°56'30"W 88°57'0"W 88°57'30"W 88°58'0"W 88°58'30"W 88°59'0"W 88°59'30"W

Cover Type & Treatments Map

Compartment: 80
 T52N, R30W, Sec. 13, 16, 26, 35
 T52N, R29W, Sec. 16, 17, 21, 28,
 T51N, R30W, Sec. 1
 County: Marquette
 Unit: Baraga
 Mgmt Area: Huron Mountains
 YOE: 2022
 Acres: 2,761 GIS Calculated
 Examiner: Jason Mittlestat
 Map Revised: 10/2/2020
 Map Phase: Post Review

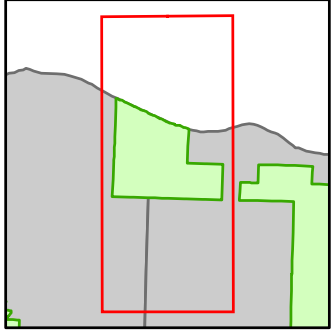


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- Federal / State / County - Paved Road
- Intermittent Stream
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers
- City
- Compartment Boundary
- 411 - Northern Hardwood
- 423 - Other Upland Conifers
- 611 - Lowland Deciduous Forest

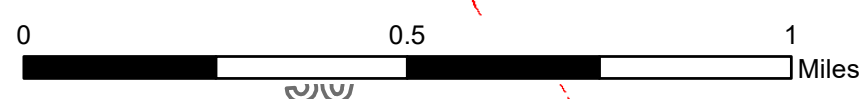
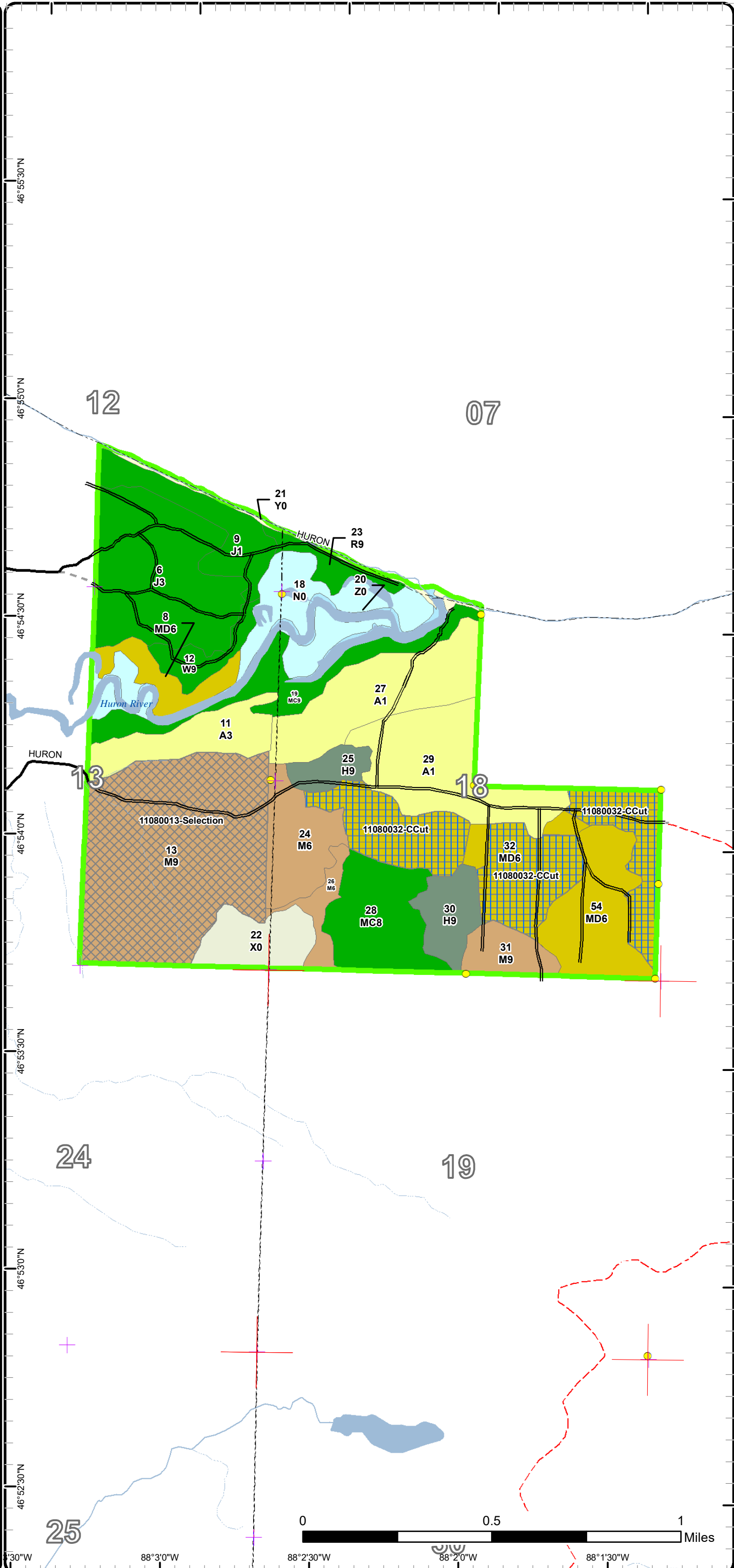


Cover Type & Treatments Map

Compartment: 80
 T52N, R30W, Sec. 13, 16, 26, 35
 T52N, R29W, Sec. 16, 17, 21, 28,
 T51N, R30W, Sec. 1
 County: Marquette
 Unit: Baraga
 Mgmt Area: Huron Mountains
 YOE: 2022
 Acres: 2,761 GIS Calculated
 Examiner: Jason Mittlestat
 Map Revised: 10/2/2020
 Map Phase: Post Review



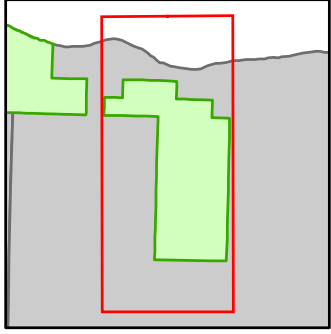
- Miris Corners
- Remonumented Section Corners
- Survey Grade Corners
- - - Counties
- DNR - Secondary Forest Road
- Federal / State / County - Paved Road
- County - Dirt Road (Seasonal)
- - - Private - Dirt / Gravel Road
- - - Intermittent Stream
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers
- Compartment Boundary
- ▨ Selection (Group, Single Tree)
- ▨ Seed Tree (w/Reserves)
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 500 - Water
- 623 - Emergent Wetland
- 710 - Sand/Soil
- 790 - Other Bare/Sparsely Vegetated



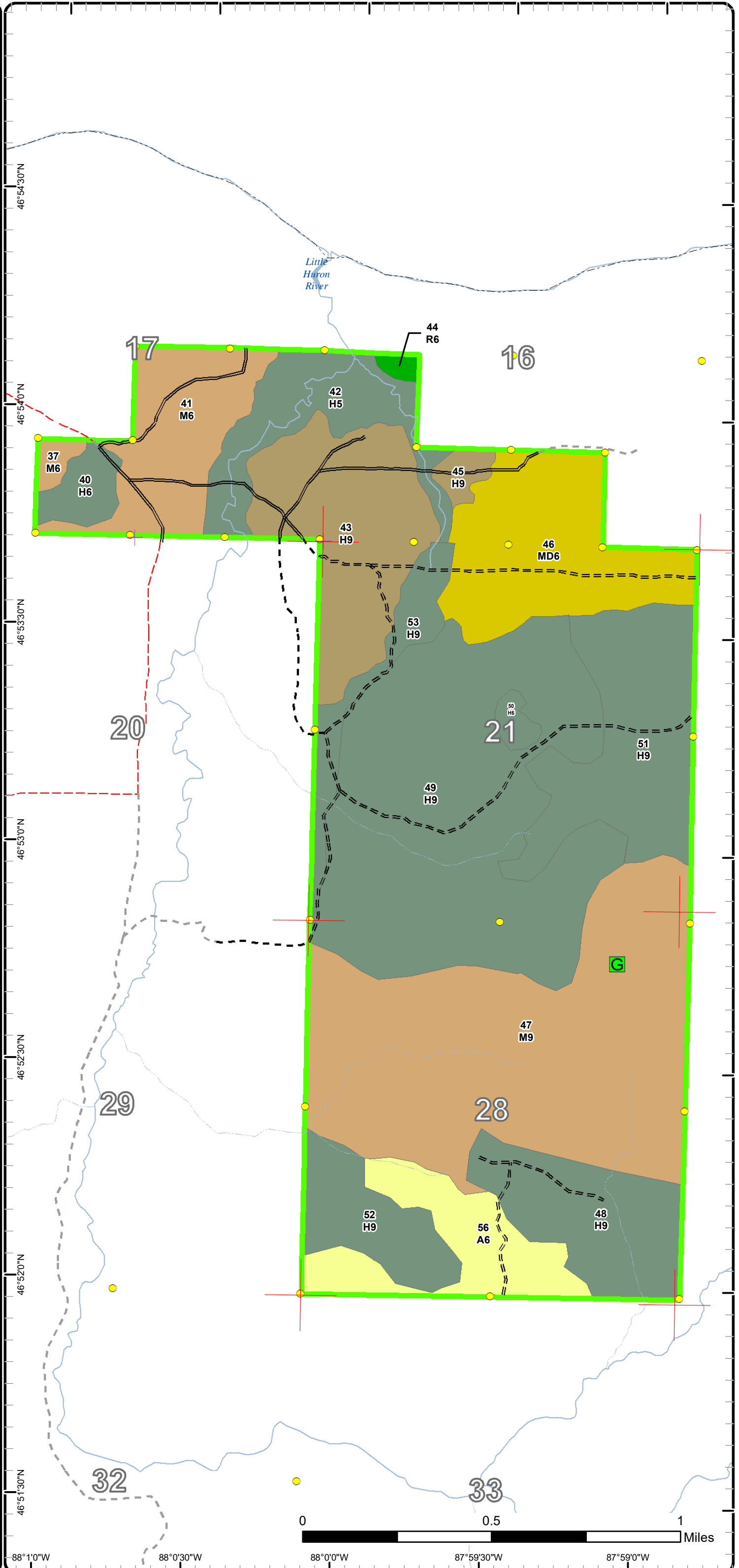
88°30'W 88°30'W 88°20'W 88°20'W 88°10'W 88°10'W

Cover Type & Treatments Map

Compartment: 80
 T52N, R30W, Sec. 13, 16, 26, 35
 T52N, R29W, Sec. 16, 17, 21, 28,
 T51N, R30W, Sec. 1
 County: Marquette
 Unit: Baraga
 Mgmt Area: Huron Mountains
 YOE: 2022
 Acres: 2,761 GIS Calculated
 Examiner: Jason Mittlestat
 Map Revised: 10/2/2020
 Map Phase: Post Review

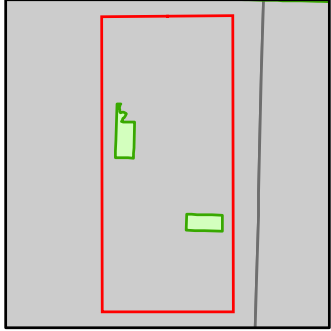


- Miris Corners
- Remonumented Section Corners
- Survey Grade Corners
- - - Counties
- == DNR - Secondary Forest Road
- == DNR - Forest Access Route
- - - Federal / State - Dirt / Gravel Road
- - - County - Dirt Road (Seasonal)
- - - Private - Dirt / Gravel Road
- Intermittent Stream
- Perennial River
- Shoreline
- Lakes and Rivers
- G Gate
- Compartment Boundary
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest

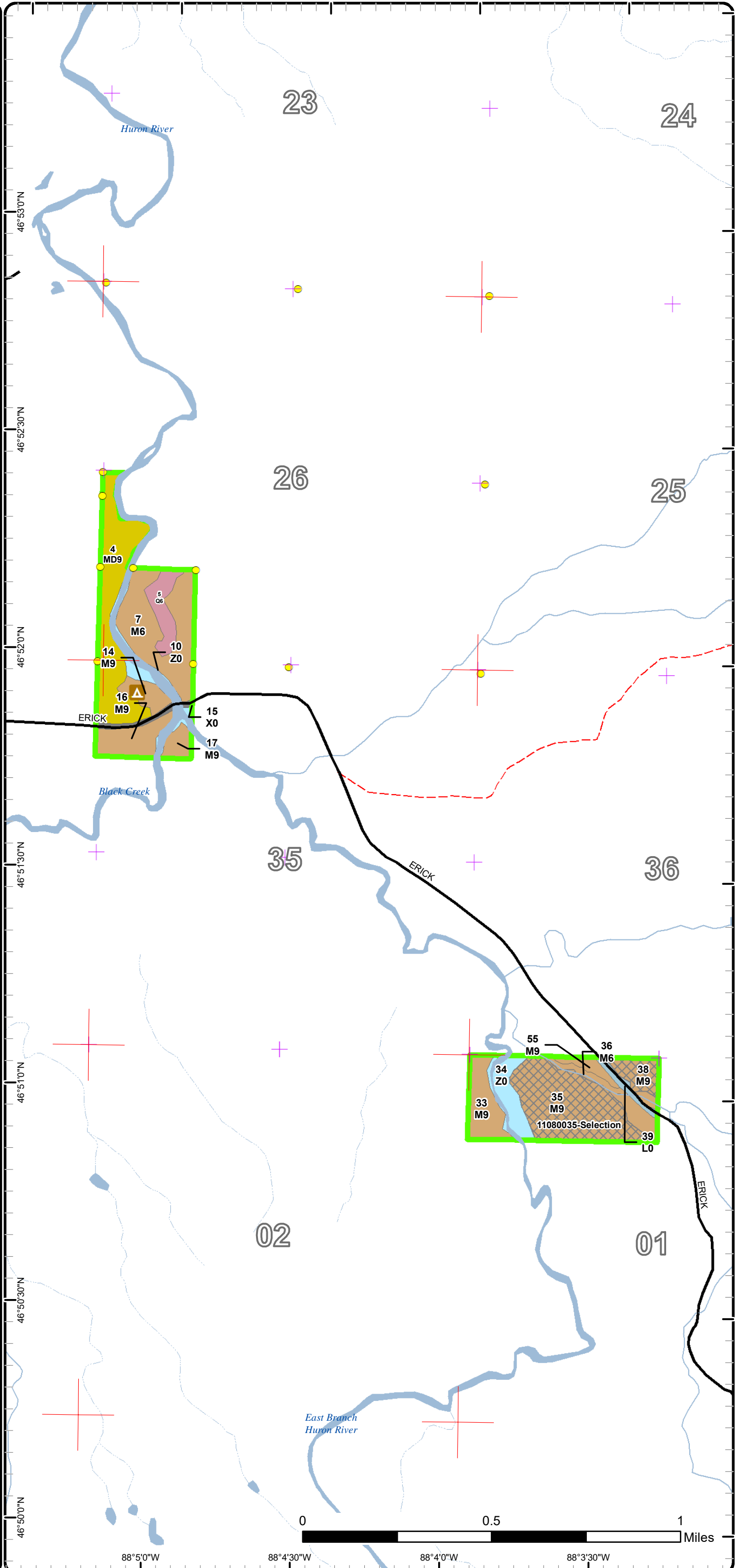


Cover Type & Treatments Map

Compartment: 80
 T52N, R30W, Sec. 13, 16, 26, 35
 T52N, R29W, Sec. 16, 17, 21, 28,
 T51N, R30W, Sec. 1
 County: Marquette
 Unit: Baraga
 Mgmt Area: Huron Mountains
 YOE: 2022
 Acres: 2,761 GIS Calculated
 Examiner: Jason Mittlestat
 Map Revised: 10/2/2020
 Map Phase: Post Review

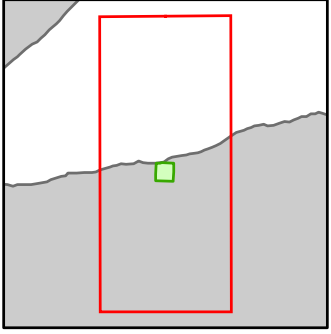


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- Federal / State / County - Paved Road
- County - Dirt Road (Seasonal)
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Campground
- Compartment Boundary
- Selection (Group, Single Tree)
- 411 - Northern Hardwood
- 419 - Mixed Upland Deciduous
- 612 - Lowland Coniferous Forest
- 122 - Roads/Parking Lot
- 500 - Water
- 622 - Lowland Shrub

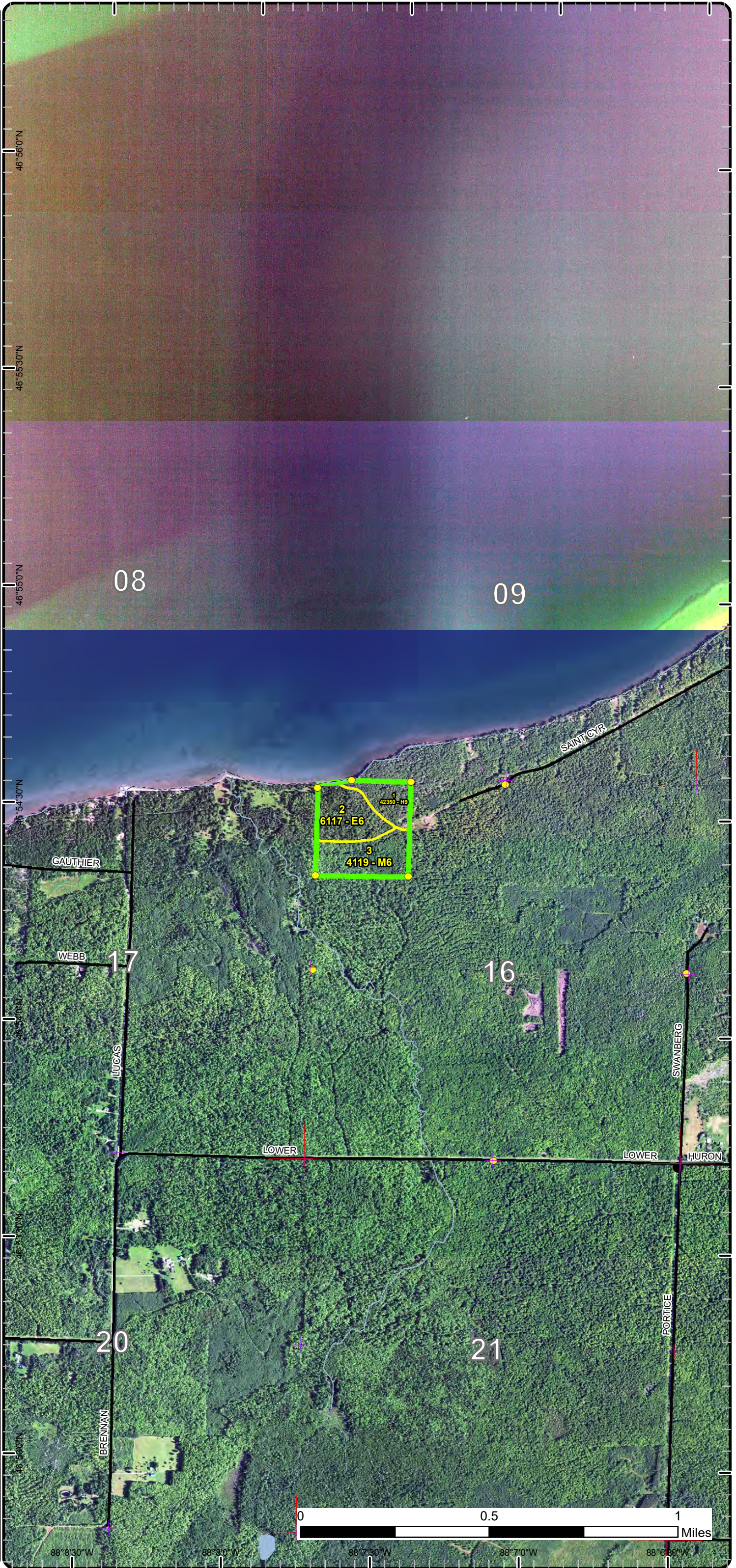


Stand Boundary Map

Compartment: 80
 T52N, R30W, Sec. 13, 16, 26, 35
 T52N, R29W, Sec. 16, 17, 21, 28,
 T51N, R30W, Sec. 1
 County: Marquette
 Unit: Baraga
 Mgmt Area: Huron Mountains
 YOE: 2022
 Acres: 2,761 GIS Calculated
 Examiner: Jason Mittlestat
 Map Revised: 10/2/2020
 Map Phase: Post Review

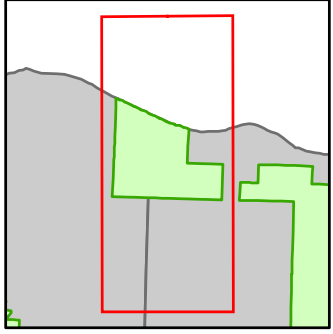


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- Federal / State / County - Paved Road
- Intermittent Stream
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers
- City
- Compartment Boundary
- Stand Boundaries
- 411 - Northern Hardwood
- 423 - Other Upland Conifers
- 611 - Lowland Deciduous Forest

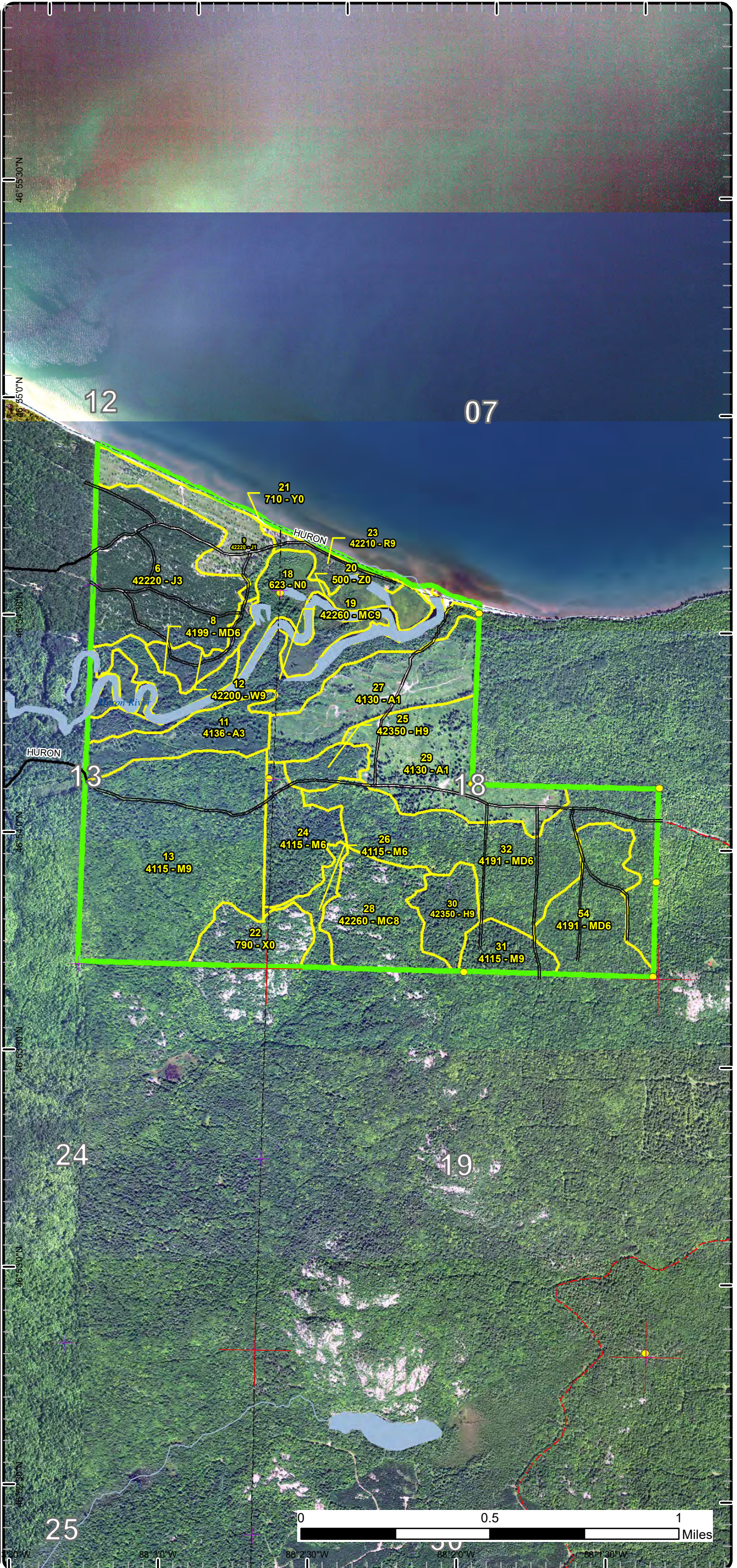


Stand Boundary Map

Compartment: 80
 T52N, R30W, Sec. 13, 16, 26, 35
 T52N, R29W, Sec. 16, 17, 21, 28,
 T51N, R30W, Sec. 1
 County: Marquette
 Unit: Baraga
 Mgmt Area: Huron Mountains
 YOE: 2022
 Acres: 2,761 GIS Calculated
 Examiner: Jason Mittlestat
 Map Revised: 10/2/2020
 Map Phase: Post Review

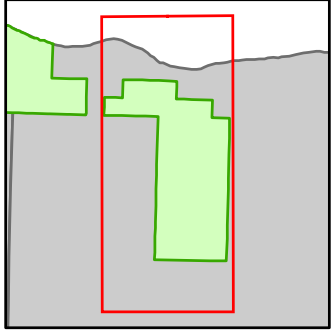


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- Federal / State / County - Paved Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Intermittent Stream
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers
- Compartment Boundary
- Stand Boundaries
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 500 - Water
- 623 - Emergent Wetland
- 710 - Sand/Soil
- 790 - Other Bare/Sparsely Vegetated

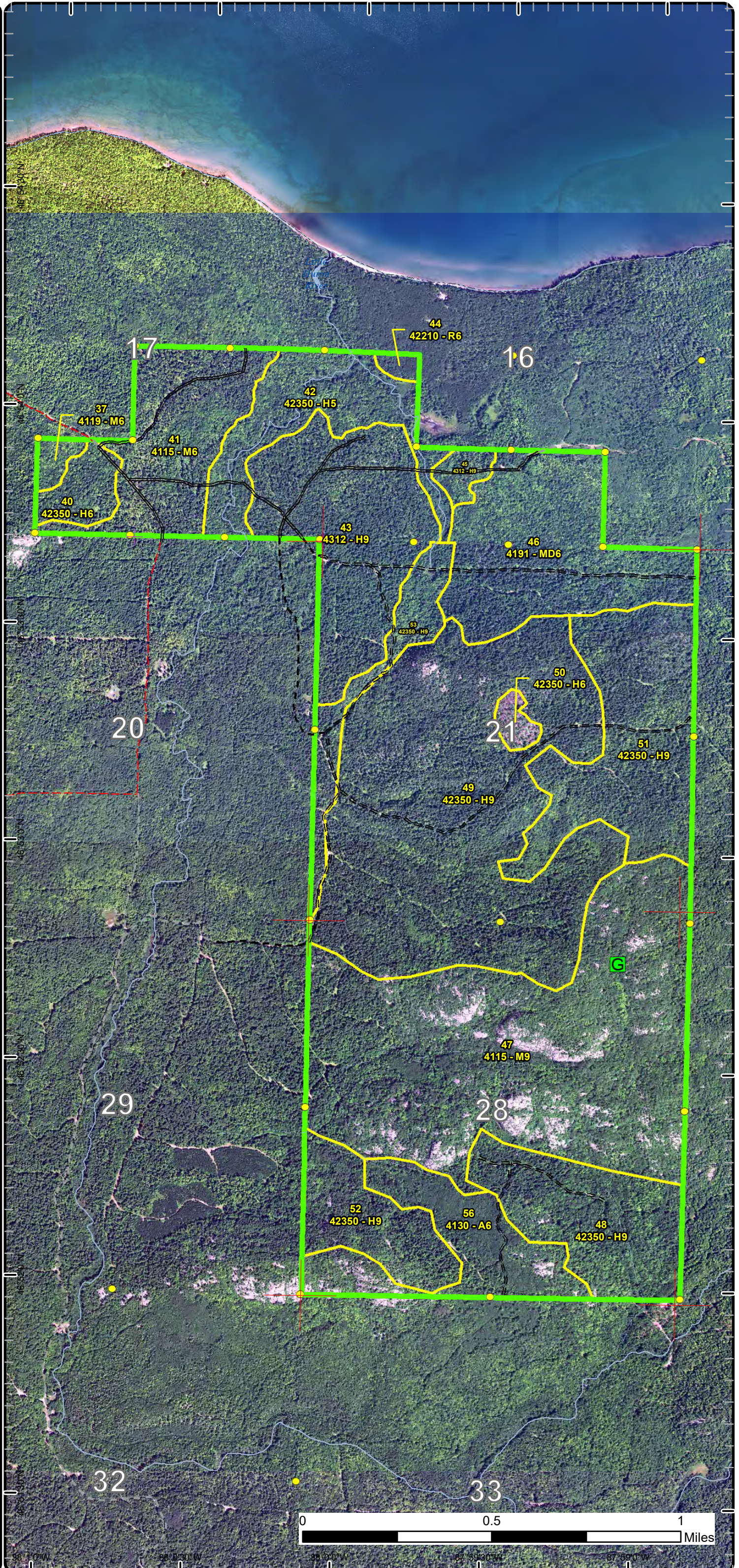


Stand Boundary Map

Compartment: 80
 T52N, R30W, Sec. 13, 16, 26, 35
 T52N, R29W, Sec. 16, 17, 21, 28,
 T51N, R30W, Sec. 1
 County: Marquette
 Unit: Baraga
 Mgmt Area: Huron Mountains
 YOE: 2022
 Acres: 2,761 GIS Calculated
 Examiner: Jason Mittlestat
 Map Revised: 10/2/2020
 Map Phase: Post Review

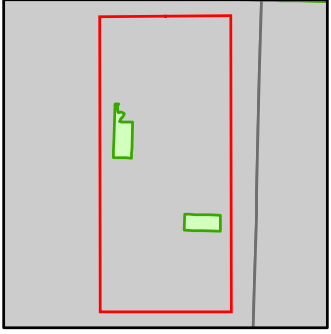


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State - Dirt / Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Intermittent Stream
- Perennial River
- Shoreline
- Lakes and Rivers
- G Gate
- Compartment Boundary
- Stand Boundaries
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest

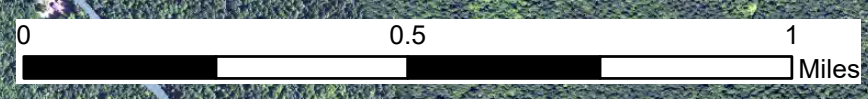
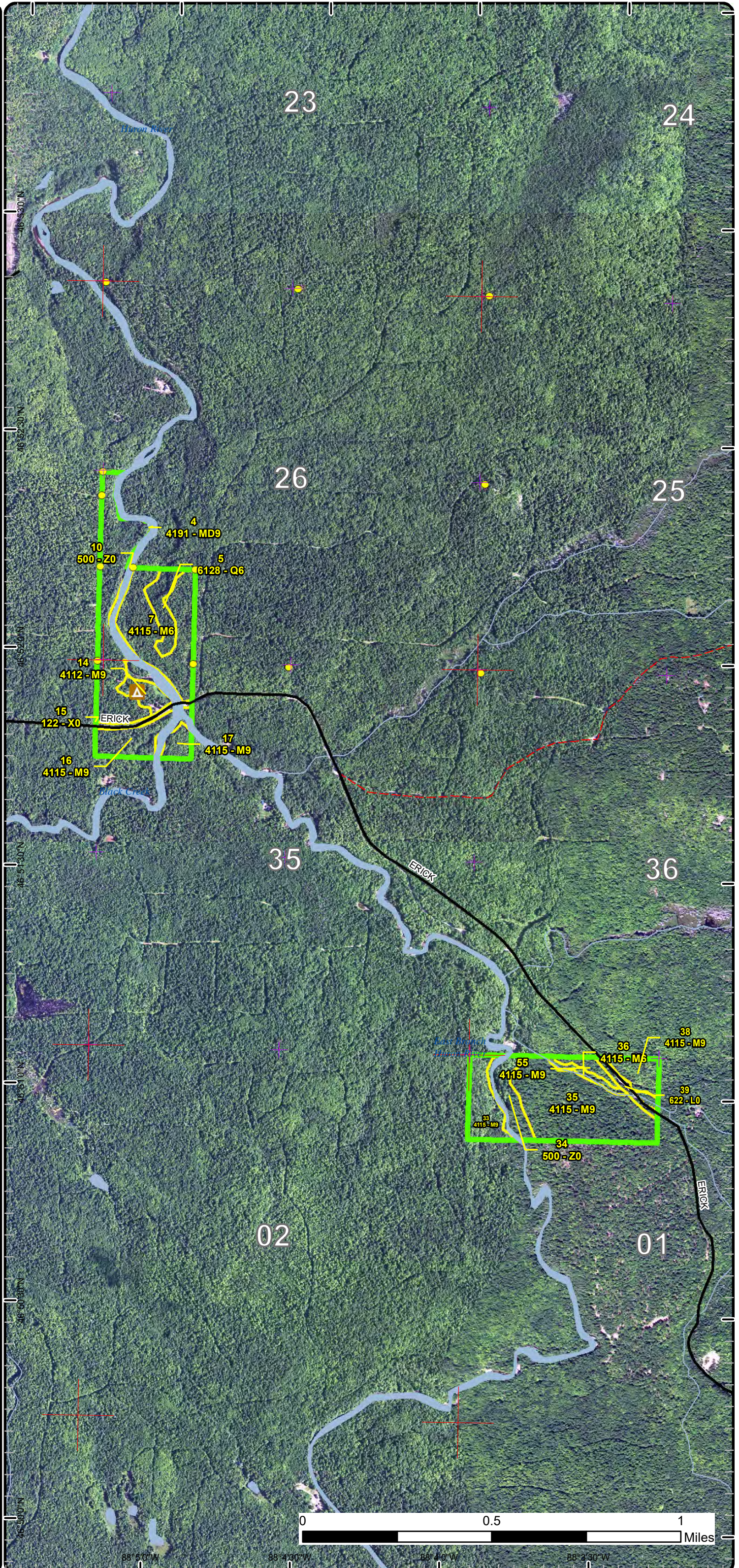


Stand Boundary Map

Compartment: 80
 T52N, R30W, Sec. 13, 16, 26, 35
 T52N, R29W, Sec. 16, 17, 21, 28,
 T51N, R30W, Sec. 1
 County: Marquette
 Unit: Baraga
 Mgmt Area: Huron Mountains
 YOE: 2022
 Acres: 2,761 GIS Calculated
 Examiner: Jason Mittlestat
 Map Revised: 10/2/2020
 Map Phase: Post Review



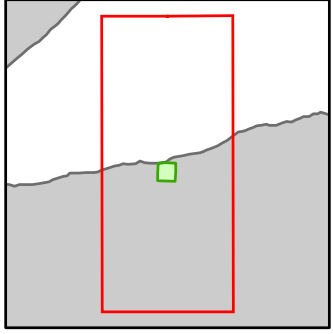
- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- Federal / State / County - Paved Road
- County - Dirt Road (Seasonal)
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- ▲ Campground
- Compartment Boundary
- Stand Boundaries
- 411 - Northern Hardwood
- 419 - Mixed Upland Deciduous
- 612 - Lowland Coniferous Forest
- 122 - Roads/Parking Lot
- 500 - Water
- 622 - Lowland Shrub



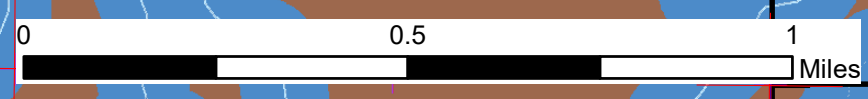
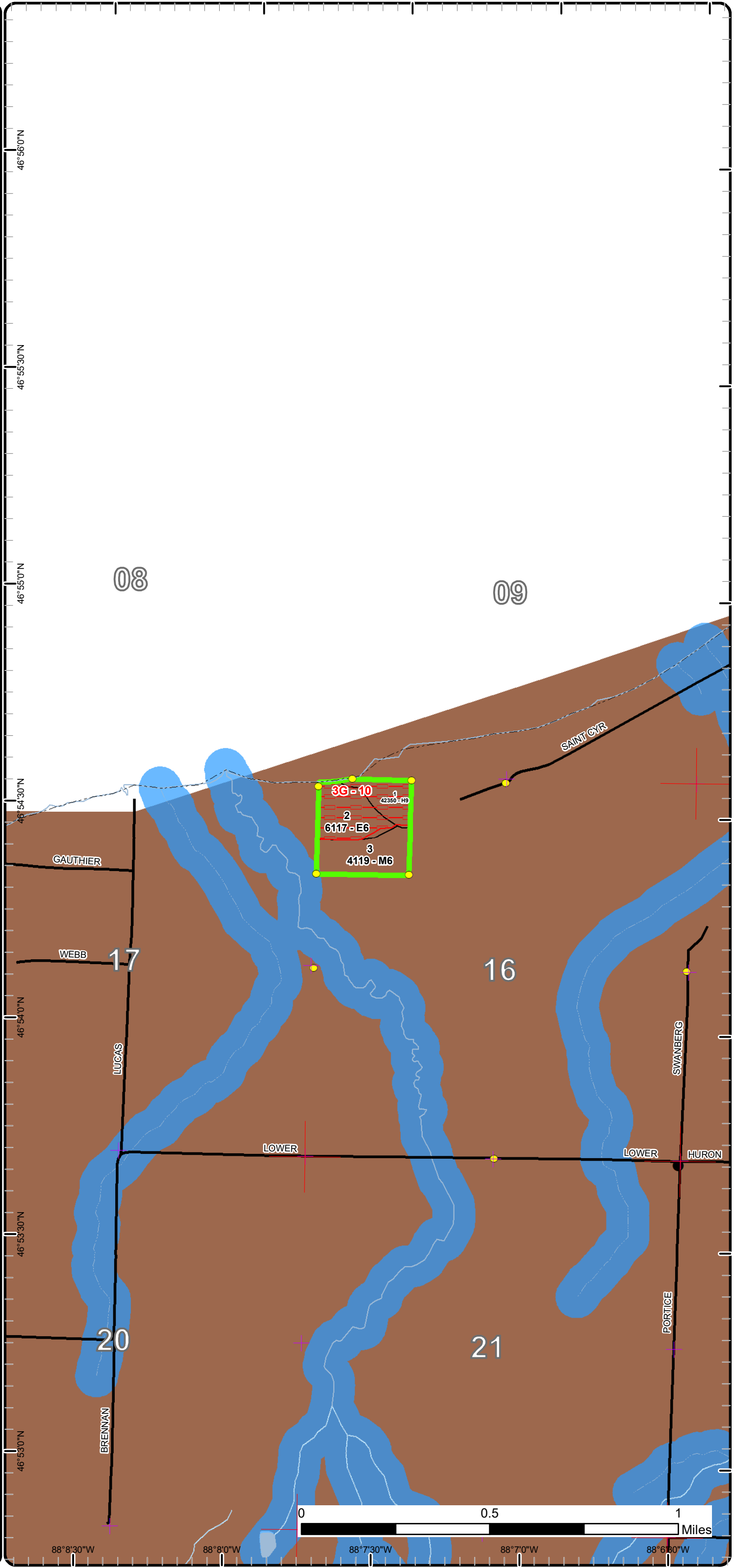
88° 5' 0" W 88° 4' 30" W 88° 4' 0" W 88° 3' 30" W

Special Conservation Areas

Compartment: 80
 T52N, R30W, Sec. 13, 16, 26, 35
 T52N, R29W, Sec. 16, 17, 21, 28,
 T51N, R30W, Sec. 1
 County: Marquette
 Unit: Baraga
 Mgmt Area: Huron Mountains
 YOE: 2022
 Acres: 2,761 GIS Calculated
 Examiner: Jason Mittlestat
 Map Revised: 10/2/2020
 Map Phase: Post Review



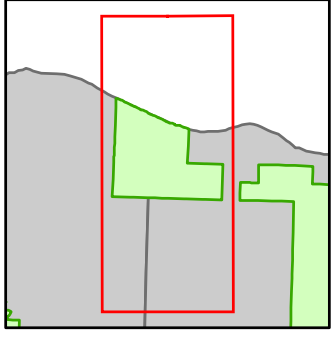
- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- Federal / State / County - Paved Road
- Intermittent Stream
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers
- City
- Compartment Boundary
- Unavailable
- 3G: Other Influence zones - See comments
- Stand Boundaries
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer
- Deer Winter Range



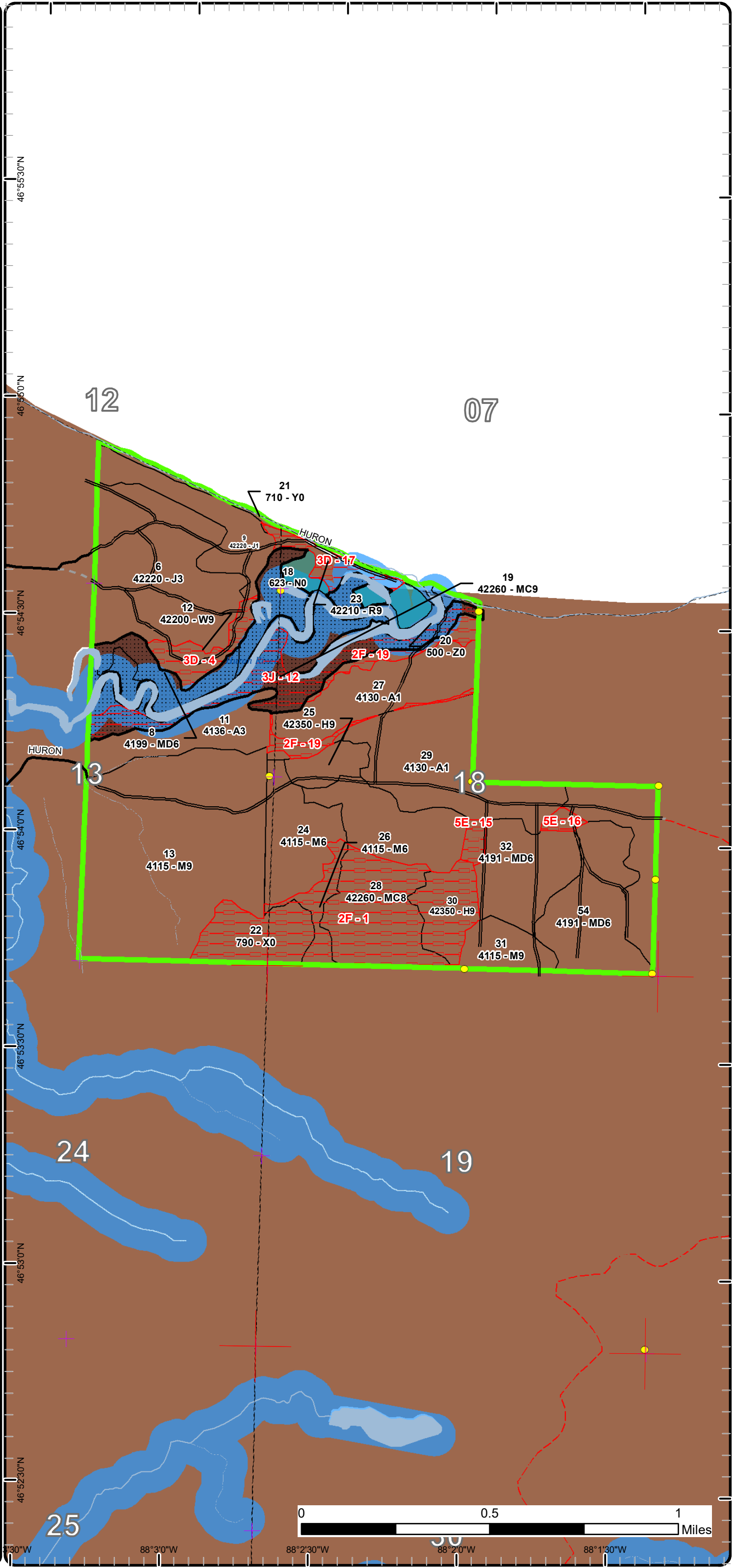
88°8'30"W 88°8'0"W 88°7'30"W 88°7'0"W 88°6'30"W

Special Conservation Areas

Compartment: 80
 T52N, R30W, Sec. 13, 16, 26, 35
 T52N, R29W, Sec. 16, 17, 21, 28,
 T51N, R30W, Sec. 1
 County: Marquette
 Unit: Baraga
 Mgmt Area: Huron Mountains
 YOE: 2022
 Acres: 2,761 GIS Calculated
 Examiner: Jason Mittlestat
 Map Revised: 10/2/2020
 Map Phase: Post Review

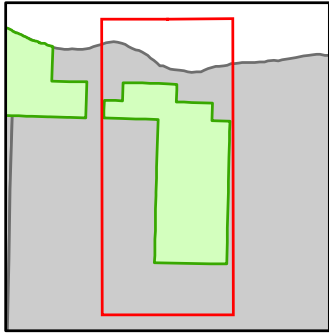


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- Federal / State / County - Paved Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Intermittent Stream
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers
- Compartment Boundary
- Unavailable
- 2F: Too steep
- 3D: Recreational / Scenic values
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- Stand Boundaries
- SCA
- Coastal Environmental Areas
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer
- Deer Winter Range
- Spring or Seep

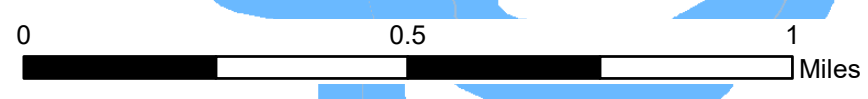
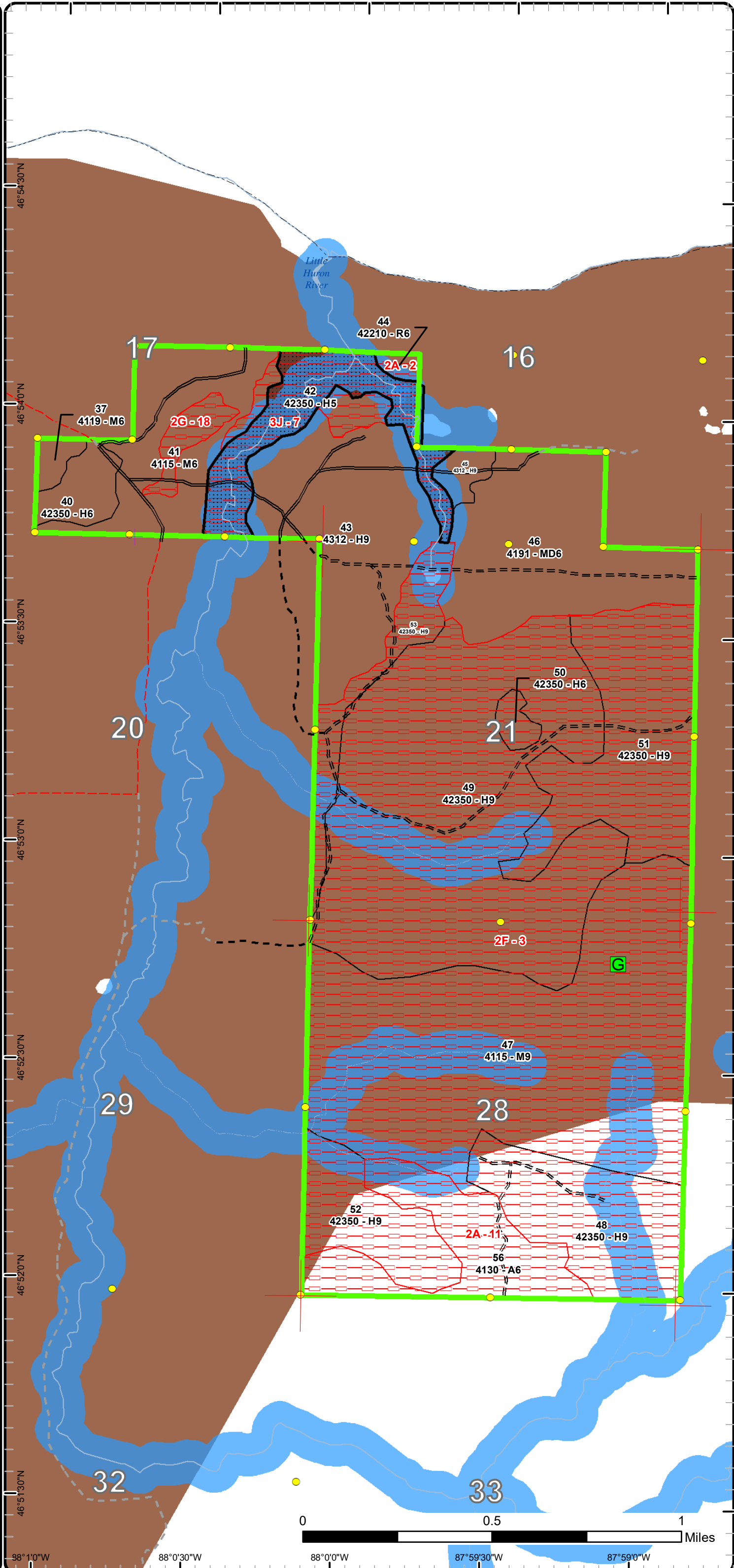


Special Conservation Areas

Compartment: 80
 T52N, R30W, Sec. 13, 16, 26, 35
 T52N, R29W, Sec. 16, 17, 21, 28,
 T51N, R30W, Sec. 1
 County: Marquette
 Unit: Baraga
 Mgmt Area: Huron Mountains
 YOE: 2022
 Acres: 2,761 GIS Calculated
 Examiner: Jason Mittlestat
 Map Revised: 10/2/2020
 Map Phase: Post Review



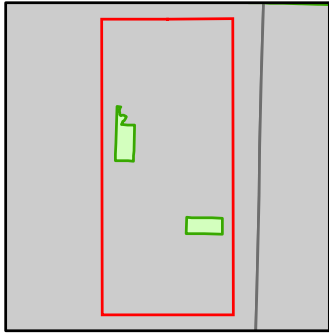
- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State - Dirt / Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Intermittent Stream
- Perennial River
- Shoreline
- Lakes and Rivers
- G Gate
- Compartment Boundary
- Unavailable
- 2A: Adjacent landowner denied access
- 2F: Too steep
- 2G: Too wet (sensitive soils, does not include access issues)
- 3J: Water quality / BMPs (stream, river, or lake)
- Stand Boundaries
- SCA
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer
- Deer Winter Range
- Spring or Seep



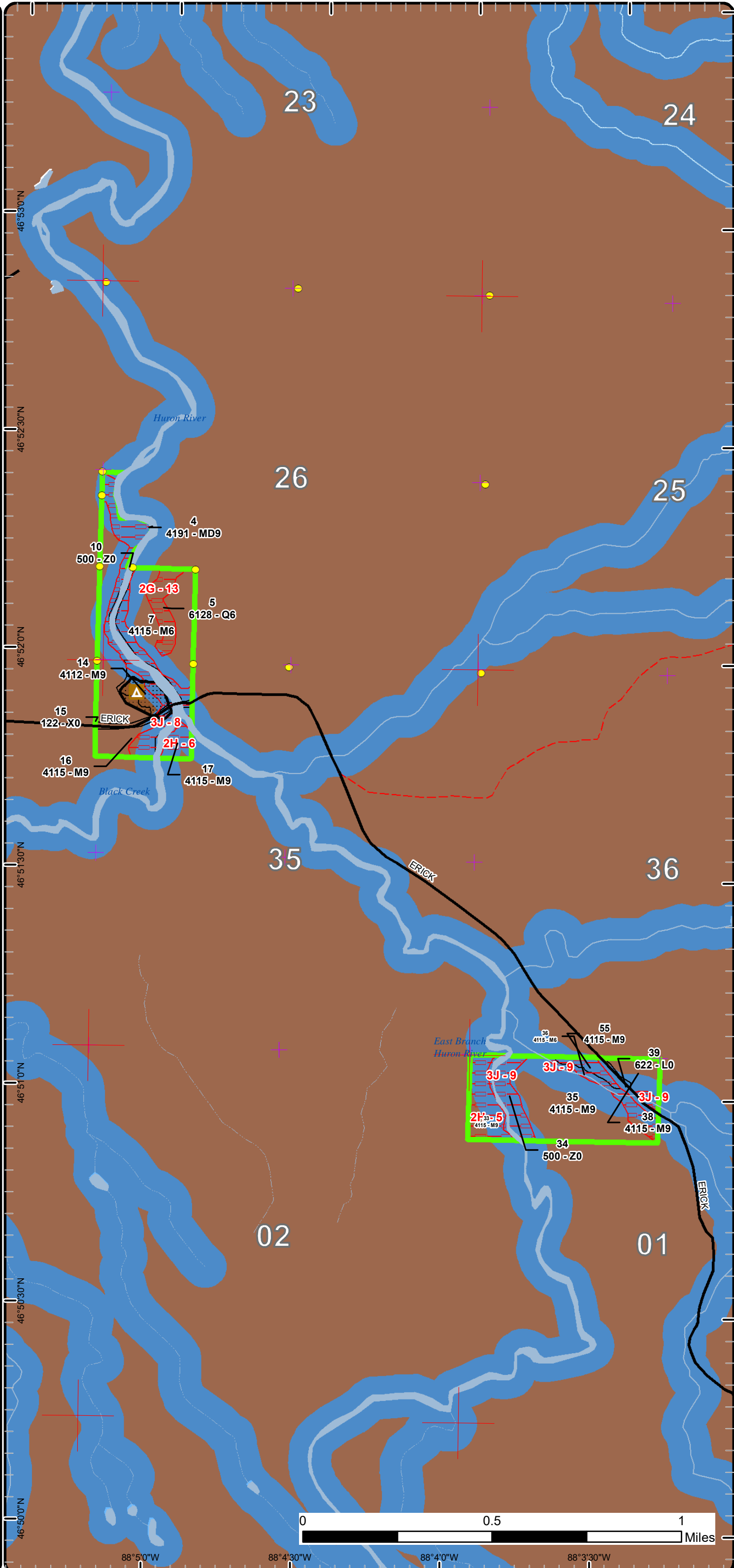
38° 1'0" W 88° 0'30" W 88° 0'0" W 87° 59'30" W 87° 59'0" W

Special Conservation Areas

Compartment: 80
 T52N, R30W, Sec. 13, 16, 26, 35
 T52N, R29W, Sec. 16, 17, 21, 28,
 T51N, R30W, Sec. 1
 County: Marquette
 Unit: Baraga
 Mgmt Area: Huron Mountains
 YOE: 2022
 Acres: 2,761 GIS Calculated
 Examiner: Jason Mittlestat
 Map Revised: 10/2/2020
 Map Phase: Post Review



- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- Federal / State / County - Paved Road
- County - Dirt Road (Seasonal)
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Campground
- Compartment Boundary
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3J: Water quality / BMPs (stream, river, or lake)
- Stand Boundaries
- SCA
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer
- Deer Winter Range
- State Forest Campground



88°5'0"W 88°4'30"W 88°4'0"W 88°3'30"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	124	32	0	0	0	0	0	0	0	0	0	0	0	0	0	79	235
Bare/Sparsely Vegetated	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27
Hemlock	0	0	0	0	0	0	0	0	21	0	0	178	0	0	0	0	0	787	986
Jack Pine	0	0	31	0	86	0	0	0	0	0	0	0	0	0	0	0	0	0	116
Lowland Conifers	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	7
Lowland Deciduous	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	15
Lowland Shrub	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Marsh	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56
Mixed Upland Deciduous	0	0	0	0	0	0	161	0	17	0	0	0	0	0	0	0	0	167	345
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	82	82
Northern Hardwood	0	0	0	0	0	0	8	26	126	0	0	0	0	0	0	0	0	648	808
Red Pine	0	0	0	0	0	0	0	0	0	0	5	0	0	10	0	0	0	0	14
Sand, Soil	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Urban	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Water	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42
White Pine	0	0	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0	0	14
Total	139	0	155	32	86	0	169	26	186	0	5	178	0	24	0	0	0	1763	2760



Report 2 – Treatment Summary

Baraga Mgt. Unit

Year of Entry: 2022

Acres of Harvest

Compartment 80

Total Compartment Acres: 2,761

Commercial Harvest - 297
 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	0	0	0	105	0	0	0	0	0	105
Northern Hardwood	0	191	0	0	0	0	0	0	0	191
Total	0	191	0	105	0	0	0	0	0	297

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	297	0	0	0	0	0	0	0	0	297
Next Step	0	0	0	0	0	0	297	0	0	297
Total	297	0	0	0	0	0	297	0	0	593



Standard

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

Approved Treatments:

13	11080013-Selection	152.7	4115 - Y.Birch, Hemlock NH	Sawtimber Well	109	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription Specs:</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 sqft. Follow all guidelines set forth in "The Complete Marker".</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Any combination of the original stand's over story species prior to harvest.</p> <p><u>Other Comment:</u> Follow deer wintering yard guidelines for harvest season for this treatment area. Winter cut only (December 1st to March 31st) Retention: 3-10% BA will be the retention for this stand.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p>											
32	11080032-CCut	105.4	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	50	81-110	Harvest	Seed Tree with Retention	4199 - Other Mixed Upland Deciduous	Two-Aged	No
<p><u>Prescription Specs:</u> Harvest all species down to 4.6 inches DBH except hemlock, cedar and white pine. Also, reserve red oak if present. All yellow birch 20" DBH and greater shall be retained. Leave tree mark 1 paper birch per acre for seed. Two long term retention pockets have been identified for this harvest area. They might change in shape once field work is done to match the topography better.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Intermediate)</p> <p><u>Acceptable Regen:</u> Any combination of the original stand's over story species prior to harvest.</p> <p><u>Other Comment:</u> As agreed upon during pre-review there does not have to be any seasonal restriction on this treatment area for deer winter yard reasons. Retention for this stand will be greater than 3% and will consist of reserve tree species. There are also two areas of aprx 3 acres each taken out of the treatment area as long term retention. These might move in position during sale prep work in order to fit the landscape better.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p>											
35	11080035-Selection	32.5	4115 - Y.Birch, Hemlock NH	Sawtimber Well	109	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription Specs:</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 sqft. Follow all guidelines set forth in "The Complete Marker".</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Any combination of the original stand's over story species prior to harvest.</p> <p><u>Other Comment:</u> Follow deer wintering yard guidelines for harvest season for this treatment area. Winter cut only (December 1st to March 31st) Retention: 3-10% BA will be the retention for this stand.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p>											



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
38 11080038-Selection	6.0	4115 - Y.Birch, Hemlock NH	Sawtimber Well	109	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 sqft. 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 Regen:</u> Any combination of the original stand's over story species prior to harvest.</p> <p><u>Other Comment:</u> Follow deer wintering yard guidelines for harvest season for this treatment area. Winter cut only (December 1st to March 31st)</p> <p>Retention: 3-10% BA will be the retention for this stand.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p>										

Total Treatment 296.6
Acreage Proposed:

Report 4 – Site Conditions

Baraga Mgt. Unit
Jason Mittlestat : Examiner

Compartment: 80
Year of Entry: 2022

Availability for Management

Total Acres	Acres Available	Acres Available With Condition	Acres Not Available
235	142	0	93

Dominant Site Conditions

	Total Acres	Acres Available	Acres Available With Condition	Acres Not Available	Dominant Site Conditions								
					2A	2F	2G	2H	3D	3G	3J	5E	
235	142	0	93	Aspen	79	14							
27	0	0	27	Bare/Sparsely Vegetated		27							
986	181	0	806	Hemlock		717				8	80		
117	117	0	0	Jack Pine					0				
7	0	0	7	Lowland Conifers			7						
15	1	0	14	Lowland Deciduous						14			
3	3	0	0	Lowland Shrub									
56	56	0	0	Marsh					0				
345	328	0	17	Mixed Upland Deciduous					0		10	7	
82	0	0	82	Natural Mixed Pines		46						36	
808	376	0	432	Northern Hardwood		383	15	14		0	20		
15	0	0	15	Red Pine	5				10				
8	8	0	0	Sand, Soil					0				
3	2	0	1	Urban								1	
42	24	0	18	Water								18	
14	0	0	14	White Pine					14				
2,761	1,236		1,525	Total Forested Acres	83	1,187	22	14	24	23	166	7	
	45%		55%	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	2F: Too steep	105	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	3L: Other wildlife concerns	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Baraga Mgt. Unit
Jason Mittlestat : Examiner

Compartment: 80
Year of Entry: 2022

2	Unavailable	2A: Adjacent landowner denied access	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	2F: Too steep	1,067	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	Unspecified	Unspecified	Unspecified
Comments: DRIP Purchase lands							
4	Unavailable	3D: Recreational / Scenic values	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	80	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Baraga Mgt. Unit
Jason Mittlestat : Examiner

Compartment: 80
Year of Entry: 2022

8	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	30	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	3G: Other Influence zones - See comments	23	2G: Too wet (sensitive soils, does not include access issues)	3L: Other wildlife concerns	Unspecified	Unspecified
Comments: Hemlock.							
11	Unavailable	2A: Adjacent landowner denied access	79	Unspecified	Unspecified	Unspecified	Unspecified
Comments: No legal access, Huron Mt Club.							
12	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	36	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Huron River buffer							
13	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Baraga Mgt. Unit
Jason Mittlestat : Examiner

Compartment: 80
Year of Entry: 2022

15	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Unavailable	3D: Recreational / Scenic values	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Heavily used camping area.							
18	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
19	Unavailable	2F: Too steep	14	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments:							



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
	Spring Wetlands Riparian Area	Spring Seep	SCA	5
Comments Huron River riparian corridor and wildlife travel corridor.				
	Spring Wetlands Riparian Area	Spring Seep	SCA	53
Comments Huron River riparian corridor and wildlife travel corridor.				
	Spring Wetlands Riparian Area	Spring Seep	SCA	65
Comments Huron River riparian corridor and wildlife travel corridor.				



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

Conservation Area	Type	Description
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
SCA	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.
HCVA	Coastal Environmental Areas	The public designation process is defined by Part 323, Shorelands Protection and Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451. The program is administered by the Michigan Department of Environmental Quality (DEQ). This is an inactive program with no new areas currently under consideration by the DEQ.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

1	42350 - Upland Hemlock	Sawtimber Well	8.6	109	141-170	N/A	Heavy Deer Browse
----------	------------------------	----------------	-----	-----	---------	-----	-------------------

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	2	Log	16	
Red Maple	3	Log	16	
Paper Birch	2	Pole/Sapling	10	
Northern White Cedar	6	Pole/Log	12	
White Pine	2	Log	16	
Hemlock	85	Log	18	109

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

2	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	14.7	70	51-80	N/A	Old beach swail along Huron Bay. Wet ground.
----------	--	-----------------	------	----	-------	-----	--

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	40	Pole	8	70
Yellow Birch	3	Pole	8	
Paper Birch	10	Pole	8	
Quaking Aspen	20	Log	14	
Balsam Fir	2	Pole	8	
White Spruce	5	Pole	8	
Northern White Cedar	10	Pole/Log	10	
Hemlock	5	Log	14	
Black Ash	5	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Full	10 - 20 feet	Sapling
Balsam Fir	Low	10 - 20 feet	Sapling
White Spruce	Low	10 - 20 feet	Sapling
Northern White Cedar	Low	>20 feet	Pole
Black Ash	Medium	10 - 20 feet	Sapling

3	4119 - Mixed Northern Hardwoods	Poletimber Well	16.3	77	141-170	N/A	Under contract as St Cyr Hdwd
----------	---------------------------------	-----------------	------	----	---------	-----	-------------------------------

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	50	Pole	8	77
Red Maple	25	Pole	8	
Yellow Birch	8	Pole	8	
Paper Birch	5	Pole	10	
Northern White Cedar	2	Pole	10	
Hemlock	10	Log	14	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Medium	Variable	Pole
Red Maple	Medium	Variable	Pole
Balsam Fir	Low	10 - 20 feet	Sapling
Hemlock	Low	>20 feet	Log

4	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	30.3	109	81-110	N/A	Deer Browse
----------	--	----------------	------	-----	--------	-----	-------------

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	25	Log/Pole	14	109
Red Maple	20	Log/Pole	14	
Yellow Birch	10	Pole	10	
Red Oak	5	Log	14	
Balsam Fir	5	Pole	8	
White Spruce	5	Pole/Log	10	
Northern White Cedar	5	Pole	10	
Hemlock	25	Log	16	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Low	10 - 20 feet	Pole
Red Maple	Low	10 - 20 feet	Pole
Yellow Birch	Low	10 - 20 feet	Sapling
Hemlock	Low	>20 feet	Log



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

5	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	7.0	70	51-80	N/A	Old river channel. Heavy deer browse.
---	--	-----------------	-----	----	-------	-----	---------------------------------------

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	5	Pole	6		Sugar Maple	Medium	10 - 20 feet	Sapling
Red Maple	5	Pole	6		Yellow Birch	Medium	10 - 20 feet	Sapling
Paper Birch	5	Pole/Log	10		Balsam Fir	Low	10 - 20 feet	Sapling
White Spruce	5	Pole	8		White Spruce	Low	10 - 20 feet	Sapling
Northern White Cedar	20	Pole	8		Black Ash	Low	10 - 20 feet	Sapling
Hemlock	40	Log	14	70				
Black Ash	20	Pole/Log	10					

6	42220 - Natural Jack Pine	Sapling Well	86.2	31	Unspecified	N/A	
---	---------------------------	--------------	------	----	-------------	-----	--

Canopy Species	% Cover	Size Class	DBH	Age
Jack Pine	100	Pole/Sapling	3	31

7	4115 - Y.Birch, Hemlock NH	Poletimber Well	26.3	66	81-110	N/A	Deer Browse
---	----------------------------	-----------------	------	----	--------	-----	-------------

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	40	Pole	10	66	Sugar Maple	Low	Variable	Pole
Red Maple	20	Pole	10		Red Maple	Low	Variable	Pole
Yellow Birch	5	Pole/Log	12		Yellow Birch	Low	Variable	Sapling
White Spruce	5	Pole/Log	10		Hemlock	Low	>20 feet	Pole
Northern White Cedar	3	Pole	8		Black Cherry	Low	Variable	Sapling
Hemlock	25	Log	18		Ironwood	Low	10 - 20 feet	Sapling
Black Cherry	2	Pole/Log	10					

8	4199 - Other Mixed Upland Deciduous	Poletimber Well	17.1	70	81-110	N/A	Birch / red maple bench near the Huron River.
---	-------------------------------------	-----------------	------	----	--------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	10	Pole	7		Red Maple	Medium	>20 feet	Sapling
Red Maple	40	Pole	7	70	Balsam Fir	Medium	>20 feet	Sapling
Red Oak	5	Pole	7		Hazelnut (American)	Medium	5 - 10 feet	Tall Shrub
Paper Birch	20	Pole	7					
Quaking Aspen	10	Pole	7					
Balsam Fir	3	Pole	7					
White Spruce	5	Pole	7					
Northern White Cedar	2	Pole	7					
White Pine	5	Log	16					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																																																			
9	42220 - Natural Jack Pine	Sapling Poor	30.5	11	1-50	N/A	Estimated 750 trees per acre regen, regen is a mix of advanced red pine 4-7 ft tall and jack pine <1-3ft tall																																																																																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>5</td> <td>Pole/Log</td> <td>10</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>25</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>70</td> <td>Sapling</td> <td>1</td> <td>11</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	White Pine	5	Pole/Log	10		Red Pine	25	Log	12		Jack Pine	70	Sapling	1	11																																																																															
Canopy Species	% Cover	Size Class	DBH	Age																																																																																																						
White Pine	5	Pole/Log	10																																																																																																							
Red Pine	25	Log	12																																																																																																							
Jack Pine	70	Sapling	1	11																																																																																																						
10	500 - Water	Nonstocked	9.7		Unspecified	No																																																																																																				
11	4136 - Aspen, Mixed Conifer	Sapling Well	31.8	22	Unspecified	N/A																																																																																																				
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>3</td> <td>Sapling</td> <td>2</td> <td>22</td> </tr> <tr> <td>Paper Birch</td> <td>25</td> <td>Sapling</td> <td>2</td> <td>22</td> </tr> <tr> <td>Quaking Aspen</td> <td>50</td> <td>Sapling</td> <td>2</td> <td>22</td> </tr> <tr> <td>Balsam Fir</td> <td>3</td> <td>Sapling</td> <td>2</td> <td>22</td> </tr> <tr> <td>White Spruce</td> <td>2</td> <td>Sapling</td> <td>2</td> <td>22</td> </tr> <tr> <td>Northern White Cedar</td> <td>2</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>White Pine</td> <td>2</td> <td>Sapling</td> <td>1</td> <td>22</td> </tr> <tr> <td>White Pine</td> <td>8</td> <td>Log</td> <td>16</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>2</td> <td>Log</td> <td>16</td> <td></td> </tr> <tr> <td>Hemlock</td> <td>3</td> <td>Log</td> <td>16</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	3	Sapling	2	22	Paper Birch	25	Sapling	2	22	Quaking Aspen	50	Sapling	2	22	Balsam Fir	3	Sapling	2	22	White Spruce	2	Sapling	2	22	Northern White Cedar	2	Log/Pole	12		White Pine	2	Sapling	1	22	White Pine	8	Log	16		Red Pine	2	Log	16		Hemlock	3	Log	16																																													
Canopy Species	% Cover	Size Class	DBH	Age																																																																																																						
Red Maple	3	Sapling	2	22																																																																																																						
Paper Birch	25	Sapling	2	22																																																																																																						
Quaking Aspen	50	Sapling	2	22																																																																																																						
Balsam Fir	3	Sapling	2	22																																																																																																						
White Spruce	2	Sapling	2	22																																																																																																						
Northern White Cedar	2	Log/Pole	12																																																																																																							
White Pine	2	Sapling	1	22																																																																																																						
White Pine	8	Log	16																																																																																																							
Red Pine	2	Log	16																																																																																																							
Hemlock	3	Log	16																																																																																																							
12	42200 - Natural White Pine	Sawtimber Well	13.8	120	81-110	N/A	Natural red pine.																																																																																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Oak</td> <td>2</td> <td>Log</td> <td>10</td> <td></td> <td>White Spruce</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>90</td> <td>Log</td> <td>10</td> <td>120</td> <td>White Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Pine</td> <td>3</td> <td>Log</td> <td>10</td> <td></td> <td>Red Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Jack Pine</td> <td>5</td> <td>Pole</td> <td>10</td> <td></td> <td>Hemlock</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Red Oak	2	Log	10		White Spruce	Low	10 - 20 feet	Sapling	White Pine	90	Log	10	120	White Pine	Low	10 - 20 feet	Sapling	Red Pine	3	Log	10		Red Pine	Low	10 - 20 feet	Sapling	Jack Pine	5	Pole	10		Hemlock	Low	10 - 20 feet	Sapling																																																						
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																																																																		
Red Oak	2	Log	10		White Spruce	Low	10 - 20 feet	Sapling																																																																																																		
White Pine	90	Log	10	120	White Pine	Low	10 - 20 feet	Sapling																																																																																																		
Red Pine	3	Log	10		Red Pine	Low	10 - 20 feet	Sapling																																																																																																		
Jack Pine	5	Pole	10		Hemlock	Low	10 - 20 feet	Sapling																																																																																																		
13	4115 - Y.Birch, Hemlock NH	Sawtimber Well	152.7	109	111-140	N/A	Ready to be thinned. Heavy Deer Browse																																																																																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>30</td> <td>Log</td> <td>14</td> <td>109</td> <td>Sugar Maple</td> <td>Full</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>20</td> <td>Pole</td> <td>9</td> <td></td> <td>Red Maple</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Yellow Birch</td> <td>8</td> <td>Pole/Log</td> <td>11</td> <td></td> <td>Paper Birch</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Basswood</td> <td>3</td> <td>Log</td> <td>12</td> <td></td> <td>Ironwood</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Ash</td> <td>3</td> <td>Log</td> <td>14</td> <td></td> <td>Striped Maple</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Oak</td> <td>3</td> <td>Log</td> <td>14</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>2</td> <td>Pole</td> <td>10</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>White Spruce</td> <td>2</td> <td>Pole</td> <td>10</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>2</td> <td>Pole</td> <td>10</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Hemlock</td> <td>27</td> <td>Log</td> <td>18</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Sugar Maple	30	Log	14	109	Sugar Maple	Full	10 - 20 feet	Sapling	Red Maple	20	Pole	9		Red Maple	Medium	10 - 20 feet	Sapling	Yellow Birch	8	Pole/Log	11		Paper Birch	Low	10 - 20 feet	Sapling	Basswood	3	Log	12		Ironwood	Medium	10 - 20 feet	Sapling	White Ash	3	Log	14		Striped Maple	Low	10 - 20 feet	Sapling	Red Oak	3	Log	14						Paper Birch	2	Pole	10						White Spruce	2	Pole	10						Northern White Cedar	2	Pole	10						Hemlock	27	Log	18					
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																																																																		
Sugar Maple	30	Log	14	109	Sugar Maple	Full	10 - 20 feet	Sapling																																																																																																		
Red Maple	20	Pole	9		Red Maple	Medium	10 - 20 feet	Sapling																																																																																																		
Yellow Birch	8	Pole/Log	11		Paper Birch	Low	10 - 20 feet	Sapling																																																																																																		
Basswood	3	Log	12		Ironwood	Medium	10 - 20 feet	Sapling																																																																																																		
White Ash	3	Log	14		Striped Maple	Low	10 - 20 feet	Sapling																																																																																																		
Red Oak	3	Log	14																																																																																																							
Paper Birch	2	Pole	10																																																																																																							
White Spruce	2	Pole	10																																																																																																							
Northern White Cedar	2	Pole	10																																																																																																							
Hemlock	27	Log	18																																																																																																							



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

14 4112 - Maple, Beech, Cherry Association Sawtimber Well 4.6 109 51-80 N/A Big Ericks SFCG

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	60	Log	12	109	Red Maple	Low	5 - 10 feet	Sapling
Red Maple	20	Log	12					
Yellow Birch	10	Log	12					
Hemlock	10	Log	16					

15 122 - Road/Parking Lot Nonstocked 2.5 Unspecified No

16 4115 - Y.Birch, Hemlock NH Sawtimber Well 9.3 109 51-80 N/A Big Ericks Wood 11-19-12-01 Heavy Deer Browse.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	40	Pole/Log	11	109	Sugar Maple	Medium	Variable	Pole
Red Maple	15	Pole	9		Red Maple	Low	Variable	Pole
Yellow Birch	13	Pole	9		Yellow Birch	Low	10 - 20 feet	Sapling
Balsam Fir	2	Pole	8		Hemlock	Low	Variable	Pole
White Spruce	5	Pole/Log	10					
Hemlock	25	Log	16					

17 4115 - Y.Birch, Hemlock NH Sawtimber Well 3.7 109 111-140 N/A Stand is between branches of the Huron River and cannot be reached for management.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	45	Pole	10	109	Sugar Maple	Low	Variable	Pole
Red Maple	25	Pole	10		Red Maple	Low	Variable	Pole
Yellow Birch	5	Pole/Log	12		Yellow Birch	Low	Variable	Pole
White Spruce	5	Pole/Log	10		Hemlock	Low	>20 feet	Log
Northern White Cedar	3	Pole	8		Black Cherry	Low	Variable	Pole
Hemlock	15	Log	18		Ironwood	Low	Variable	Pole
Black Cherry	2	Pole/Log	10					

18 623 - Emergent Wetland Nonstocked 55.6 Unspecified No

19 42260 - Natural Pine, Mixed Deciduous Sawtimber Well 36.3 102 111-140 N/A Mixed pine with hardwoods. Hardwood regeneration is heavily browsed.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Pole	8		Red Maple	Medium	Variable	Pole
Red Oak	5	Log	12		Balsam Fir	Full	>20 feet	Sapling
Paper Birch	10	Pole	8		White Pine	Low	10 - 20 feet	Sapling
Quaking Aspen	10	Pole	8					
Northern White Cedar	5	Log	12					
White Pine	45	Log	16	102				
Red Pine	15	Log	16					
Hemlock	5	Log	16					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																											
20	500 - Water	Nonstocked	23.3		Unspecified	No																																																												
21	710 - Sand, Soil	Nonstocked	8.2		Unspecified	No																																																												
22	790 - Other Bare/Sparsely Vegetated	Nonstocked	26.9		Unspecified	No																																																												
23	42210 - Natural Red Pine	Sawtimber Well	10.4	120	81-110	N/A	Mouth of Huron River																																																											
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>5</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>85</td> <td>Log</td> <td>12</td> <td>120</td> </tr> <tr> <td>Jack Pine</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	5	Log	14		Red Pine	85	Log	12	120	Jack Pine	10	Pole	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Low	10 - 20 feet	Sapling	Red Pine	Low	10 - 20 feet	Sapling																															
Canopy Species	% Cover	Size Class	DBH	Age																																																														
White Pine	5	Log	14																																																															
Red Pine	85	Log	12	120																																																														
Jack Pine	10	Pole	8																																																															
Sub-Canopy Species	Density	Avg. Height	Size																																																															
Black Spruce	Low	10 - 20 feet	Sapling																																																															
Red Pine	Low	10 - 20 feet	Sapling																																																															
24	4115 - Y.Birch, Hemlock NH	Poletimber Well	33.6	109	51-80	N/A	Olympique Aspen 11-021-12-01Heavy Deer Browse.																																																											
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>40</td> <td>Pole/Log</td> <td>10</td> <td>109</td> </tr> <tr> <td>Red Maple</td> <td>20</td> <td>Pole/Log</td> <td>10</td> <td></td> </tr> <tr> <td>Yellow Birch</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>3</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>2</td> <td>Pole/Log</td> <td>10</td> <td></td> </tr> <tr> <td>Hemlock</td> <td>25</td> <td>Log</td> <td>16</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	40	Pole/Log	10	109	Red Maple	20	Pole/Log	10		Yellow Birch	10	Pole	8		Paper Birch	3	Pole	8		Northern White Cedar	2	Pole/Log	10		Hemlock	25	Log	16		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Yellow Birch</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Hemlock</td> <td>Low</td> <td>>20 feet</td> <td>Log</td> </tr> <tr> <td>Striped Maple</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Sugar Maple	High	10 - 20 feet	Sapling	Red Maple	Medium	10 - 20 feet	Sapling	Yellow Birch	Low	10 - 20 feet	Sapling	Hemlock	Low	>20 feet	Log	Striped Maple	Low	10 - 20 feet	Sapling				
Canopy Species	% Cover	Size Class	DBH	Age																																																														
Sugar Maple	40	Pole/Log	10	109																																																														
Red Maple	20	Pole/Log	10																																																															
Yellow Birch	10	Pole	8																																																															
Paper Birch	3	Pole	8																																																															
Northern White Cedar	2	Pole/Log	10																																																															
Hemlock	25	Log	16																																																															
Sub-Canopy Species	Density	Avg. Height	Size																																																															
Sugar Maple	High	10 - 20 feet	Sapling																																																															
Red Maple	Medium	10 - 20 feet	Sapling																																																															
Yellow Birch	Low	10 - 20 feet	Sapling																																																															
Hemlock	Low	>20 feet	Log																																																															
Striped Maple	Low	10 - 20 feet	Sapling																																																															
25	42350 - Upland Hemlock	Sawtimber Well	11.8	109	201+	N/A	A two chain wide strip along the north edge could be cut in 2032 Deer Browse																																																											
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>2</td> <td>Log</td> <td>16</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>3</td> <td>Log</td> <td>16</td> <td></td> </tr> <tr> <td>Yellow Birch</td> <td>5</td> <td>Log</td> <td>16</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>5</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Hemlock</td> <td>85</td> <td>XLog</td> <td>20</td> <td>109</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	2	Log	16		Red Maple	3	Log	16		Yellow Birch	5	Log	16		Northern White Cedar	5	Log	12		Hemlock	85	XLog	20	109	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>>20 feet</td> <td>Pole</td> </tr> <tr> <td>Yellow Birch</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Striped Maple</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Sugar Maple	Low	>20 feet	Sapling	Red Maple	Low	>20 feet	Pole	Yellow Birch	Low	>20 feet	Sapling	Striped Maple	Low	10 - 20 feet	Sapling													
Canopy Species	% Cover	Size Class	DBH	Age																																																														
Sugar Maple	2	Log	16																																																															
Red Maple	3	Log	16																																																															
Yellow Birch	5	Log	16																																																															
Northern White Cedar	5	Log	12																																																															
Hemlock	85	XLog	20	109																																																														
Sub-Canopy Species	Density	Avg. Height	Size																																																															
Sugar Maple	Low	>20 feet	Sapling																																																															
Red Maple	Low	>20 feet	Pole																																																															
Yellow Birch	Low	>20 feet	Sapling																																																															
Striped Maple	Low	10 - 20 feet	Sapling																																																															
26	4115 - Y.Birch, Hemlock NH	Poletimber Well	11.4	70	141-170	N/A	Ravine between rock bluffs.																																																											
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>45</td> <td>Pole/Log</td> <td>10</td> <td>70</td> </tr> <tr> <td>Red Maple</td> <td>20</td> <td>Pole/Log</td> <td>10</td> <td></td> </tr> <tr> <td>Yellow Birch</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>3</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>2</td> <td>Pole/Log</td> <td>10</td> <td></td> </tr> <tr> <td>Hemlock</td> <td>20</td> <td>Log</td> <td>16</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	45	Pole/Log	10	70	Red Maple	20	Pole/Log	10		Yellow Birch	10	Pole	8		Paper Birch	3	Pole	8		Northern White Cedar	2	Pole/Log	10		Hemlock	20	Log	16		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Yellow Birch</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Hemlock</td> <td>Low</td> <td>>20 feet</td> <td>Log</td> </tr> <tr> <td>Striped Maple</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Sugar Maple	High	10 - 20 feet	Sapling	Red Maple	Medium	10 - 20 feet	Sapling	Yellow Birch	Low	10 - 20 feet	Sapling	Hemlock	Low	>20 feet	Log	Striped Maple	Low	10 - 20 feet	Sapling				
Canopy Species	% Cover	Size Class	DBH	Age																																																														
Sugar Maple	45	Pole/Log	10	70																																																														
Red Maple	20	Pole/Log	10																																																															
Yellow Birch	10	Pole	8																																																															
Paper Birch	3	Pole	8																																																															
Northern White Cedar	2	Pole/Log	10																																																															
Hemlock	20	Log	16																																																															
Sub-Canopy Species	Density	Avg. Height	Size																																																															
Sugar Maple	High	10 - 20 feet	Sapling																																																															
Red Maple	Medium	10 - 20 feet	Sapling																																																															
Yellow Birch	Low	10 - 20 feet	Sapling																																																															
Hemlock	Low	>20 feet	Log																																																															
Striped Maple	Low	10 - 20 feet	Sapling																																																															



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

27 4130 - Aspen Sapling Poor 59.0 11 Immature N/A Olympique Aspen 11-021-12-01

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Pole	8	
Red Oak	2	Log	12	
Paper Birch	20	Sapling	1	
Quaking Aspen	61	Sapling	1	11
Northern White Cedar	2	Pole	8	
Hemlock	10	Log	16	

28 42260 - Natural Pine, Mixed Deciduous Sawtimber Medium 45.5 109 51-80 N/A Rock Bluff

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	10	Pole	8	
Red Maple	15	Pole	8	
Red Oak	5	Pole/Log	10	
Quaking Aspen	5	Pole	8	
White Pine	50	Log	14	109
Red Pine	10	Log	14	
Hemlock	5	Log	16	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Medium	>20 feet	Sapling
Red Maple	Medium	>20 feet	Pole
Red Oak	Low	10 - 20 feet	Sapling
Hemlock	Low	10 - 20 feet	Sapling

29 4130 - Aspen Sapling Poor 65.1 11 Immature N/A Olympique Aspen 11-021-12-01

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	16	Sapling	1	
Red Oak	2	Log	12	
Paper Birch	10	Sapling	1	
Quaking Aspen	60	Sapling	1	11
Northern White Cedar	2	Pole	8	
Hemlock	10	Log	16	

30 42350 - Upland Hemlock Sawtimber Well 21.1 70 171-200 N/A Could be put into type 2 old growth

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	2	Log	16	
Red Maple	3	Log	18	
Yellow Birch	5	Log	14	
Hemlock	90	XLog/Log	20	70

Sub-Canopy Species	Density	Avg. Height	Size
Striped Maple	Low	10 - 20 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
31	4115 - Y.Birch, Hemlock NH	Sawtimber Well	17.1	109	51-80	N/A	Little Huron Hdws 11-022-12-01
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Sugar Maple		60	Log	12	109	Sugar Maple	
Red Maple		5	Pole	10		Ironwood	
Yellow Birch		10	Pole/Log	10		Striped Maple	
Red Oak		5	Log	14			
Paper Birch		3	Pole	8			
Hemlock		15	Log	18			
Ironwood		2	Pole	6			
Sub-Canopy Species		Density	Avg. Height	Size			
Sugar Maple		Medium	>20 feet	Sapling			
Ironwood		Medium	>20 feet	Sapling			
Striped Maple		Medium	>20 feet	Sapling			
32	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	112.8	50	81-110	N/A	Final harvest, reserve oak, hemlock, red and white pine and any timber over 20" dbh. Leave tree mark or leave a patch of paper birch for seed.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Sugar Maple		13	Pole	8		Sugar Maple	
Red Maple		12	Pole	8		Red Maple	
Yellow Birch		10	Pole	8		Striped Maple	
Red Oak		5	Log/Pole	12			
Paper Birch		25	Log/Pole	10	50		
Quaking Aspen		10	Pole	8	50		
Northern White Cedar		5	Pole	8			
Hemlock		20	Log	12			
Sub-Canopy Species		Density	Avg. Height	Size			
Sugar Maple		Medium	10 - 20 feet	Sapling			
Red Maple		Medium	10 - 20 feet	Sapling			
Striped Maple		Low	10 - 20 feet	Sapling			
33	4115 - Y.Birch, Hemlock NH	Sawtimber Well	10.6	109	111-140	N/A	Slopes to river. Not operable.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Sugar Maple		40	Log	14	109	Sugar Maple	
Red Maple		18	Log	14		Red Maple	
Yellow Birch		5	Log	16		Northern White Cedar	
Northern White Cedar		5	Log/Pole	10		White Pine	
White Pine		10	XLog	24		Hemlock	
Red Pine		2	XLog	24			
Hemlock		20	XLog	22			
Sub-Canopy Species		Density	Avg. Height	Size			
Sugar Maple		Low	Variable	Sapling			
Red Maple		Low	Variable	Sapling			
Northern White Cedar		Low	Variable	Sapling			
White Pine		Low	Variable	Sapling			
Hemlock		Low	Variable	Sapling			
34	500 - Water	Nonstocked	9.4		Unspecified	No	east branch huron river



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

35	4115 - Y.Birch, Hemlock NH	Sawtimber Well	36.4	109	81-110	N/A	Ready to be thinned again. Some nice oak and pine regeneration in areas.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Sugar Maple		50	Log	12	109	Sugar Maple	
Red Maple		20	Log	12		Medium	
Yellow Birch		5	Log	12		10 - 20 feet	
Red Oak		2	Log	14		Sapling	
Balsam Fir		2	Pole	6		Red Oak	
White Spruce		2	Pole	10		Low	
Northern White Cedar		2	Pole	10		10 - 20 feet	
White Pine		2	Log	20		Sapling	
Hemlock		15	Log	18		White Pine	
						Low	
						10 - 20 feet	
						Sapling	

36	4115 - Y.Birch, Hemlock NH	Poletimber Well	3.5	70	81-110	N/A	Chinks Creek
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Sugar Maple		20	Pole	8		Tag Alder	
Red Maple		30	Pole	8	70	Medium	
Yellow Birch		20	Pole	8		10 - 20 feet	
White Spruce		5	Pole	8		Tall Shrub	
Northern White Cedar		5	Pole	8			
Hemlock		10	Log	16			
Black Ash		10	Log	12			

37	4119 - Mixed Northern Hardwoods	Poletimber Well	7.8	50	51-80	N/A	Deer Browse
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Sugar Maple		30	Pole	7	50	Sugar Maple	
Red Maple		25	Pole	7		High	
Yellow Birch		10	Pole	7		>20 feet	
Red Oak		5	Log	12		Sapling	
Paper Birch		10	Pole	7		Red Maple	
Quaking Aspen		15	Pole	7		Medium	
Hemlock		5	Log	14		>20 feet	
						Sapling	
						Yellow Birch	
						Medium	
						>20 feet	
						Sapling	
						Striped Maple	
						Low	
						>20 feet	
						Sapling	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

38 4115 - Y.Birch, Hemlock NH Sawtimber Well 6.0 109 81-110 N/A Ready for thinning

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	50	Log	12	109	Sugar Maple	Medium	10 - 20 feet	Sapling
Red Maple	20	Log	12		Red Maple	Medium	10 - 20 feet	Sapling
Yellow Birch	5	Log	12		Red Oak	Low	10 - 20 feet	Sapling
Red Oak	2	Log	14		Balsam Fir	Low	10 - 20 feet	Sapling
Balsam Fir	2	Pole	6		White Pine	Low	10 - 20 feet	Sapling
White Spruce	2	Pole	10		Hemlock	Low	10 - 20 feet	Sapling
Northern White Cedar	2	Pole	10					
White Pine	2	Log	20					
Hemlock	15	Log	18					

39 622 - Lowland Shrub Nonstocked 2.6 Unspecified No Road ditch

40 42350 - Upland Hemlock Poletimber Well 21.4 109 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	10	Pole	7		Sugar Maple	Low	10 - 20 feet	Sapling
Red Maple	10	Pole	7		Red Maple	Low	10 - 20 feet	Sapling
Yellow Birch	5	Pole	7		Yellow Birch	Low	10 - 20 feet	Sapling
Red Oak	3	Log	12		Red Oak	Low	10 - 20 feet	Sapling
Hemlock	70	Log	16	109	Hemlock	Low	10 - 20 feet	Sapling
Ironwood	2	Pole	7		Ironwood	Low	10 - 20 feet	Sapling

41 4115 - Y.Birch, Hemlock NH Poletimber Well 94.4 70 81-110 N/A Little Huron Hdws 11-022-12-01Heavy Deer Browse

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	25	Pole/Log	10	70	Sugar Maple	Low	Variable	Pole
Red Maple	22	Pole/Log	10		Red Maple	Low	Variable	Pole
Yellow Birch	15	Pole/Log	10		Yellow Birch	Low	Variable	Pole
Basswood	5	Pole/Log	10		Balsam Fir	High	10 - 20 feet	Sapling
Paper Birch	5	Pole	8					
Quaking Aspen	10	Pole/Log	12					
White Spruce	5	Pole/Log	10					
Hemlock	10	Log	16					
Black Ash	3	Pole	9					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

42 42350 - Upland Hemlock Poletimber Medium 80.3 109 51-80 N/A Little Huron river buffer. Potential SCA, water quality protection.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	5	Pole	10		Sugar Maple	Low	10 - 20 feet	Sapling
Red Maple	5	Pole	10		Red Maple	Low	10 - 20 feet	Sapling
Yellow Birch	10	Log	14		Yellow Birch	Low	10 - 20 feet	Sapling
Basswood	5	Pole	8		Black Ash	Low	10 - 20 feet	Sapling
Balsam Fir	5	Pole	8		Tag Alder	High	10 - 20 feet	Tall Shrub
White Spruce	10	Log	12					
Northern White Cedar	10	Log	18					
Hemlock	50	Log	18	109				

43 4312 - Hemlock, Mixed Deciduous Sawtimber Well 137.0 109 51-80 N/A Little Huron Hdws 11-022-12-01 Heavy Deer Browse

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	30	Pole/Log	12	109	Sugar Maple	Low	10 - 20 feet	Sapling
Red Maple	10	Pole	10		Red Maple	Low	10 - 20 feet	Sapling
Yellow Birch	5	Log/Pole	14		Yellow Birch	Low	10 - 20 feet	Sapling
Basswood	3	Log	11		Balsam Fir	Low	10 - 20 feet	Sapling
Quaking Aspen	5	Log	12		Ironwood	Low	10 - 20 feet	Sapling
White Spruce	5	Pole/Log	12					
Northern White Cedar	2	Log	12					
Hemlock	40	XLog/Log	18	109				

44 42210 - Natural Red Pine Poletimber Well 4.5 90 201+ N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	5	Pole/Log	8		Red Oak	Low	10 - 20 feet	Sapling
Red Pine	95	Pole/Log	8	90	Balsam Fir	Low	10 - 20 feet	Sapling
					White Spruce	Low	10 - 20 feet	Sapling
					White Pine	Low	Variable	Pole
					Red Pine	Low	Variable	Pole

45 4312 - Hemlock, Mixed Deciduous Sawtimber Well 10.4 109 51-80 N/A Heavy Deer Browse.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	30	Pole/Log	12	109	Sugar Maple	Low	10 - 20 feet	Sapling
Red Maple	10	Pole	10		Red Maple	Low	10 - 20 feet	Sapling
Basswood	3	Log	11		Yellow Birch	Low	10 - 20 feet	Sapling
Paper Birch	5	Log/Pole	14		Balsam Fir	Low	10 - 20 feet	Sapling
Quaking Aspen	5	Log	12		Black Ash	Low	10 - 20 feet	Sapling
White Spruce	5	Pole/Log	12		Ironwood	Low	10 - 20 feet	Sapling
Northern White Cedar	2	Log	12					
Hemlock	40	XLog/Log	18	109				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

46 4191 - Mixed Upland Deciduous with Conifer Poletimber Well 136.5 109 51-80 N/A The NW corner was cut with Little Huron Hdws 11-022-12-01. Might be ready by 2042

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	15	Pole	5	109	Sugar Maple	Low	Variable	Sapling
Red Maple	15	Pole	5		Red Maple	Low	Variable	Sapling
Yellow Birch	10	Pole	5		Yellow Birch	Low	Variable	Sapling
Basswood	3	Pole/Log	10		Balsam Fir	Low	Variable	Sapling
Paper Birch	5	Pole	5					
Quaking Aspen	25	Pole/Log	10	109				
White Spruce	5	Pole/Log	10					
Hemlock	20	Log	12					
Ironwood	2	Pole	5					

47 4115 - Y.Birch, Hemlock NH Sawtimber Well 371.5 101 81-110 N/A Steep bedrock outcrops.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	15	XLog/Log	20	101	Sugar Maple	Medium	5 - 10 feet	Sapling
White Pine	2	XLog	24					
Quaking Aspen	10	XLog/Log	18					
Sugar Maple	45	XLog/Log	18	101				
Red Maple	15	XLog/Log	18					
Yellow Birch	5	XLog/Log	18					
Red Oak	8	XLog/Log	18					

48 42350 - Upland Hemlock Sawtimber Well 95.5 101 81-110 N/A Steep ravines with lots of hemlock and white pine.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	85	XLog/Log	20	101	Red Maple	Medium	5 - 10 feet	Sapling
White Pine	5	XLog	24					
Yellow Birch	5	XLog/Log	18					
Sugar Maple	5	XLog/Log	18					

49 42350 - Upland Hemlock Sawtimber Well 355.4 101 81-110 N/A Steep ravines with lots of hemlock and white pine.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	85	XLog/Log	20	101	Red Maple	Medium	5 - 10 feet	Sapling
White Pine	5	XLog	24					
Yellow Birch	5	XLog/Log	18					
Sugar Maple	5	XLog/Log	18					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
50	42350 - Upland Hemlock	Poletimber Well	8.0	101	81-110	N/A	3 Bear Wildfire spring 2016
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Hemlock		90	XLog	24	101	Red Maple	
Sugar Maple		5	XLog/Log	18		Sugar Maple	
Red Maple		5	XLog/Log	18		Hemlock	
						Density	
						Avg. Height	
						Size	
						Medium	
						5 - 10 feet	
						Sapling	
						Trace	
						< 5 feet	
						Sapling	
51	42350 - Upland Hemlock	Sawtimber Well	136.7	101	81-110	N/A	Steep hillside. The stand was cut hard before we acquired it. Small diameter, might be ready around 2042.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Hemlock		70	XLog/Log	18	101	Sugar Maple	
Sugar Maple		10	Pole	5			
Quaking Aspen		10	Pole	5			
Red Maple		10	Pole	5	45		
						Density	
						Medium	
						5 - 10 feet	
						Sapling	
52	42350 - Upland Hemlock	Sawtimber Well	58.5	101	81-110	N/A	Steep ravines with lots of hemlock and white pine.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Hemlock		85	XLog/Log	20	101	Red Maple	
White Pine		5	XLog	24			
Yellow Birch		5	XLog/Log	18			
Sugar Maple		5	XLog/Log	18			
						Density	
						Medium	
						5 - 10 feet	
						Sapling	
53	42350 - Upland Hemlock	Sawtimber Well	41.7	101	81-110	N/A	Steep hillsides
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Hemlock		70	XLog/Log	18	101	Sugar Maple	
Sugar Maple		10	Pole	5			
Quaking Aspen		10	Pole	5			
Red Maple		10	Pole	5	45		
						Density	
						Medium	
						5 - 10 feet	
						Sapling	
54	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	48.4	50	81-110	N/A	Look to mark in 2032. Heavy Deer Browse.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Sugar Maple		13	Pole	8		Sugar Maple	
Red Maple		12	Pole	8		Red Maple	
Yellow Birch		10	Pole	8		Striped Maple	
Red Oak		5	Log/Pole	12			
Paper Birch		10	Pole	8			
Quaking Aspen		25	Pole	8	50		
Northern White Cedar		5	Pole	8			
						Density	
						Medium	
						10 - 20 feet	
						Sapling	
						Medium	
						10 - 20 feet	
						Sapling	
						Low	
						10 - 20 feet	
						Sapling	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

55	4115 - Y.Birch, Hemlock NH	Sawtimber Well	2.8	109	81-110	N/A	Ready for thinning
-----------	----------------------------	----------------	-----	-----	--------	-----	--------------------

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	50	Log	12	109	Sugar Maple	Medium	10 - 20 feet	Sapling
Red Maple	20	Log	12		Red Maple	Medium	10 - 20 feet	Sapling
Yellow Birch	5	Log	12		Red Oak	Low	10 - 20 feet	Sapling
Red Oak	2	Log	14		Balsam Fir	Low	10 - 20 feet	Sapling
Balsam Fir	2	Pole	6		White Pine	Low	10 - 20 feet	Sapling
White Spruce	2	Pole	10		Hemlock	Low	10 - 20 feet	Sapling
Northern White Cedar	2	Pole	10					
White Pine	2	Log	20					
Hemlock	15	Log	18					

56	4130 - Aspen	Poletimber Well	78.8	20	81-110	N/A	Aspen stand, aprx 20 yrs of age.
-----------	--------------	-----------------	------	----	--------	-----	----------------------------------

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	80	Sapling	2	20
Paper Birch	10	Sapling	2	
Balsam Fir	10	Sapling	2	