



Compartment Review Presentation

Baraga Forest Management Unit

Compartment 73

Entry Year 2016

Acreage: 942

County Keweenaw

Management Area: Central Keweenaw

Revision Date: 04/01/2014

Stand Examiner: Brad Carlson

Legal Description:

KEWEENAW COUNTY,
ALLOUEZ TOWNSHIP, T57N, R32W, SECTIONS 5, 6, and 7.
HOUGHTON TOWNSHIP, T58N, R31W, SECTIONS 34, and 35.

Identified Planning Goals:

The Central Keweenaw management area is mostly on beach ridge and dunes in northern Houghton and southern Keweenaw Counties. The state forest covers 3,679 acres and is in small-scattered parcels. The management area is dominated by the upland spruce/fir, cedar and aspen. Other attributes that played a role in the definition of this management area include:

- Dominated by the mesic northern forest natural community;
- Mid-range in site quality; and
- Major ownerships in this vicinity are non-industrial private and forest industry.

The management priority for this area is the production of timber products, while maintaining habitat qualities for wildlife species dependent on the northern hardwood communities in this area.

Soil and topography:

Terrain is rolling with narrow swamps. Uplands are Gratiot-Sabattis complex (rocky, very stony), Borgstrom- Ingalls complex, and Copper Harbor Bete Grise complex. Lowlands are mostly Tawas –Deford mucks. Lowlands in 58-31, sections 34, and 35, are mostly Lupton and Tawas mucks.

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

The land in Houghton Township is surrounded by industrial forest land owned by GMO. Ownership in Allouez Township is fragmented and mixed with small private and industrial owners. Lakefront property Northwest of the compartment is subdivided private recreational lots.

Unique Natural Features:

No Unique Natural Features known.

Archeological, Historical, and Cultural Features:

There are known concerns within the compartment. All proposed management activities have taken these concerns into consideration.

Special Management Designations or Considerations:

Watershed and Fisheries Considerations:

Buffalo Creek is a trout stream. The other streams in this compartment are not listed as trout streams. Maintain best management practices when operating near these streams.

Wildlife Habitat Considerations:

Paper birch stands are over-mature and should be regenerated. Deer browsing pressure is low and is not a constraint.

Mineral Resource and Development Concerns and/or Restrictions

Compartment 73: Sections 5 - 7, T57N-R32W, Keweenaw Co.

Surface sediments consist of coarse-textured glacial till thin to discontinuous along the coastline. The glacial drift thickness varies between 10 and 50 feet. The Precambrian Copper Harbor Conglomerate subcrops below the glacial drift. The Copper Harbor was previously mined for small amounts of copper. There is a gravel pit in Section 8 and potential appears good away from the shoreline. Abandoned copper mines are located six miles to the south, but potential is limited in the Compartment. The Compartment was not previously leased for metallic exploration. There is no economic oil and gas production in the UP.

Vehicle Access:

Access is limited to poor 2-track roads. Previous management activity in sections 5, and 6 have utilized temporary stream crossings.

Survey Needs:

Survey work is in progress

Recreational Facilities and Opportunities:

There are no developed recreational facilities in this compartment and there is no potential for future development.

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**

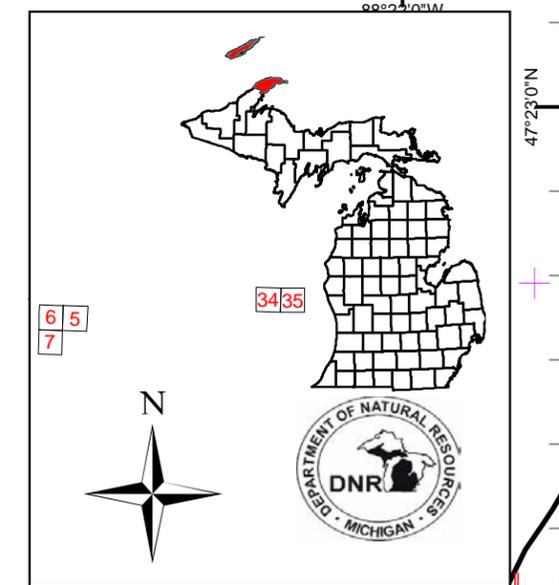
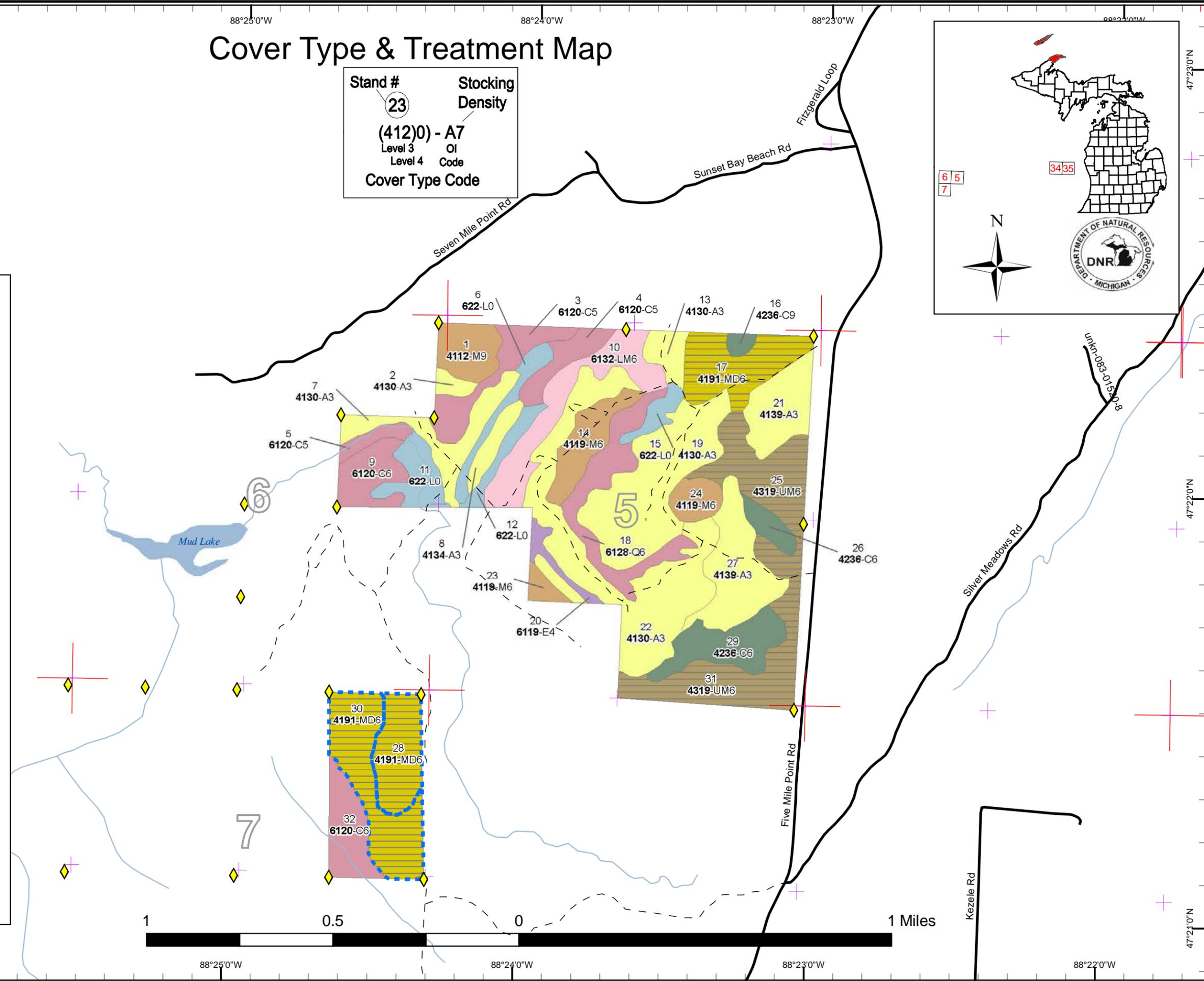
Compartment: 73
 T57N R32W Sec. 5, 6, 7
 T58N R31W Sec. 34, 35
 County: Keweenaw
 Unit: Baraga
 YOE: 2016
 Acres: 942 GIS Calculated
 Examiner: Brad Carlson
 Map Revised: 05/20/2014
 Map Phase: Pre-Review

Cover Type & Treatment Map

Stand #
 23
Stocking Density
 (412)0 - A7
 Level 3 OI
 Level 4 Code
Cover Type Code

Legend

- Miris Corners
- US Highway
- Highway
- Paved Roads
- Poor Dirt Roads
- Powerline
- Stream
- Intermittent Stream
- Snowmobile Trail
- ORV Route
- ORV Routes
- Snowmobile Trails
- Lakes and Rivers
- Treatments**
- Clearcut (w/Reserves, Patch/Strip)
- Forest Stands**
- Level 3**
- 411 - Northern Hardwood
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 431 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- Non-Forest Stands**
- Level 3**
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- State Forest Land



47°23'0"N
47°22'0"N
47°21'0"N

88°26'0"W 88°25'0"W 88°24'0"W 88°23'0"W

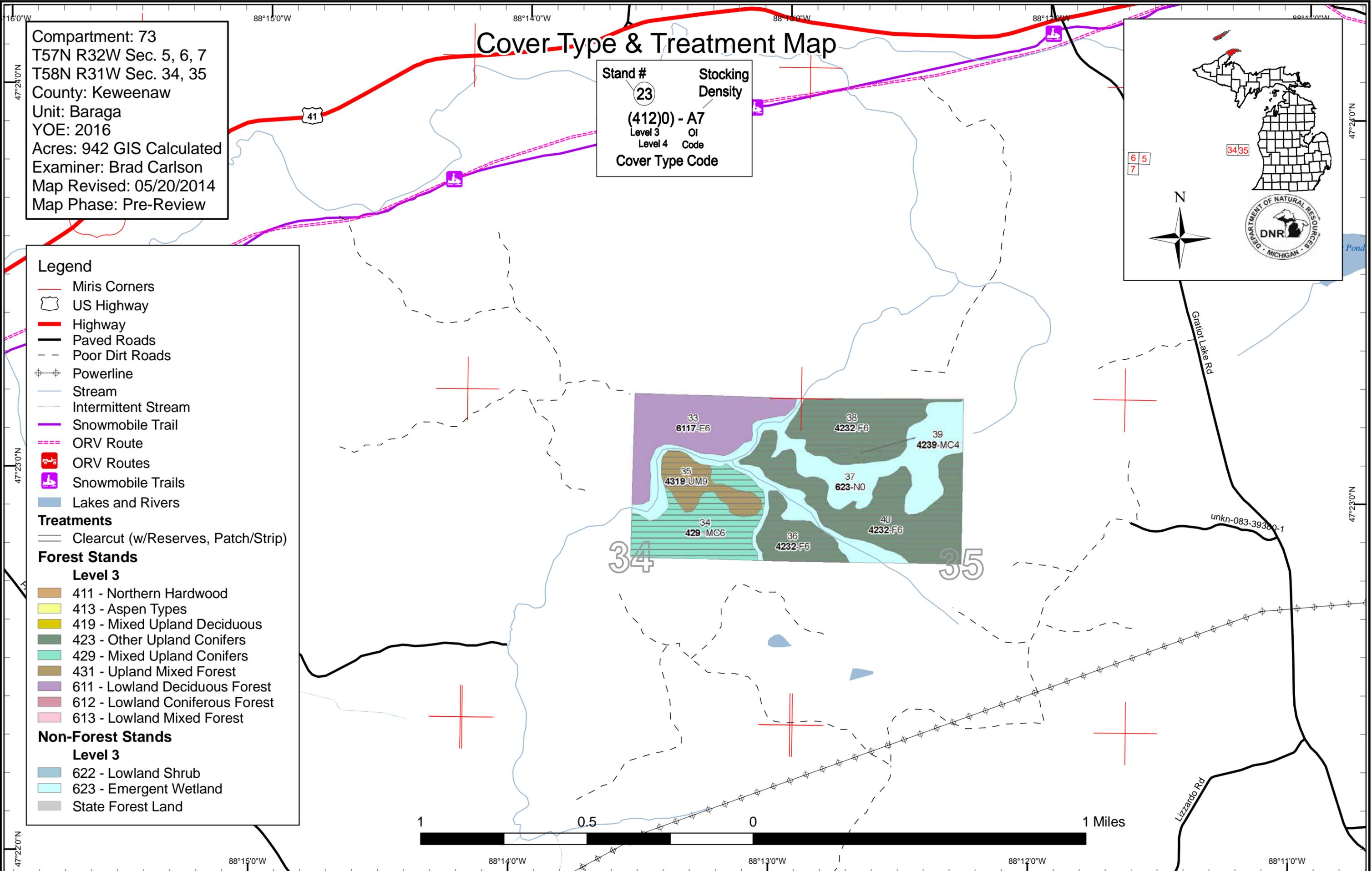
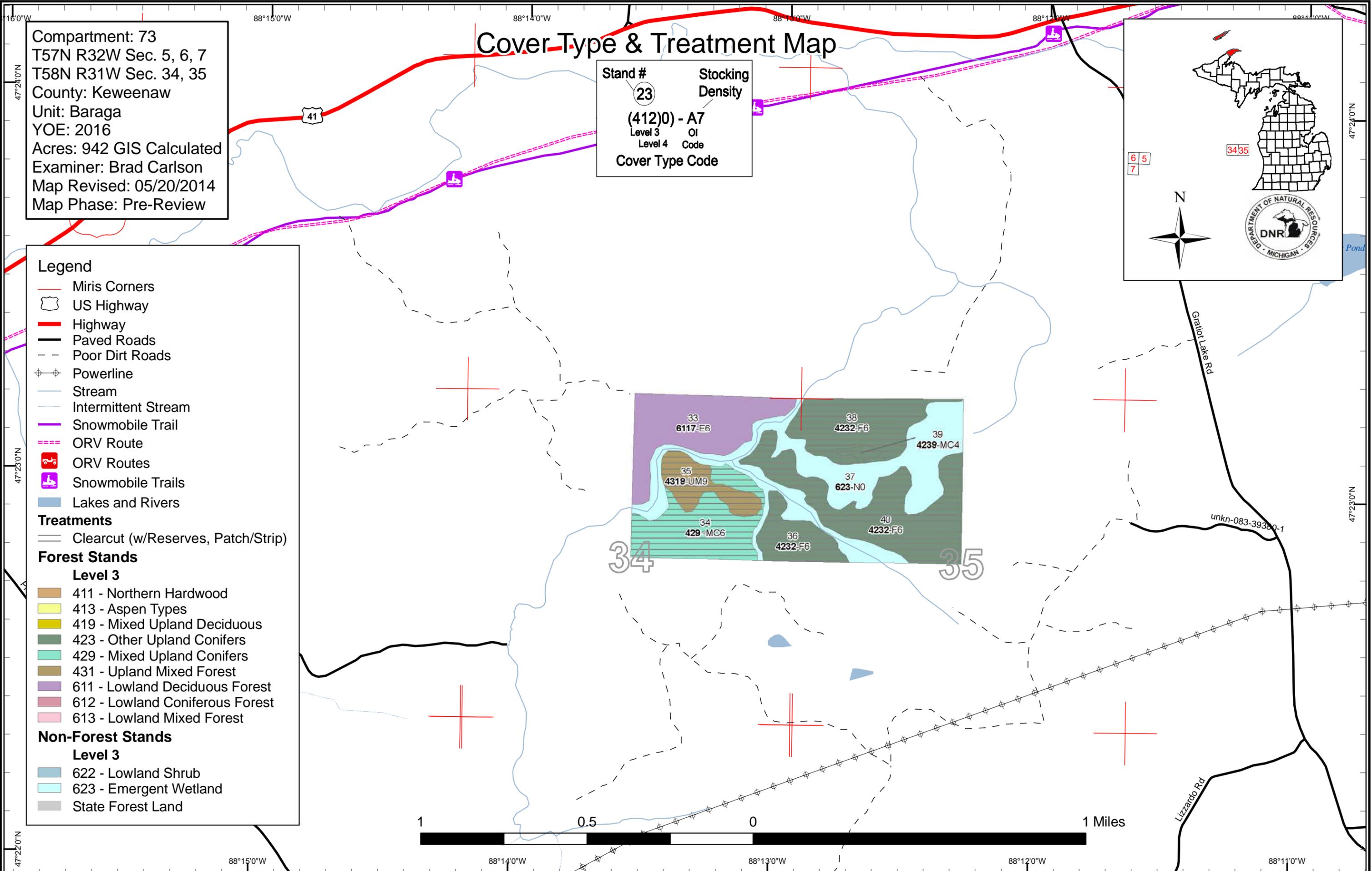
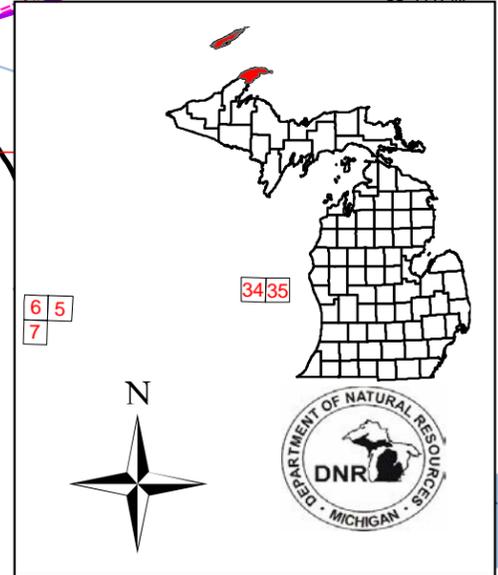
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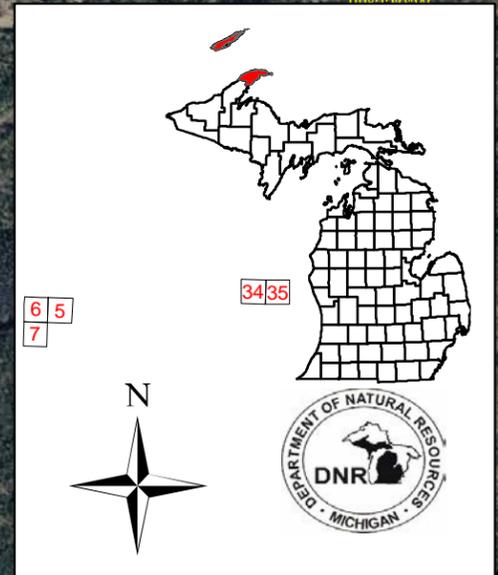
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Stand Boundary Map

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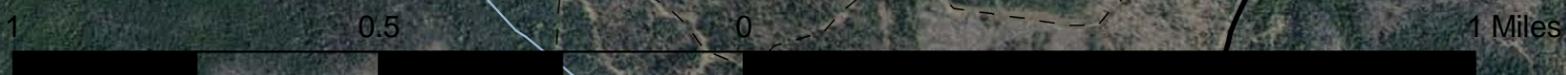
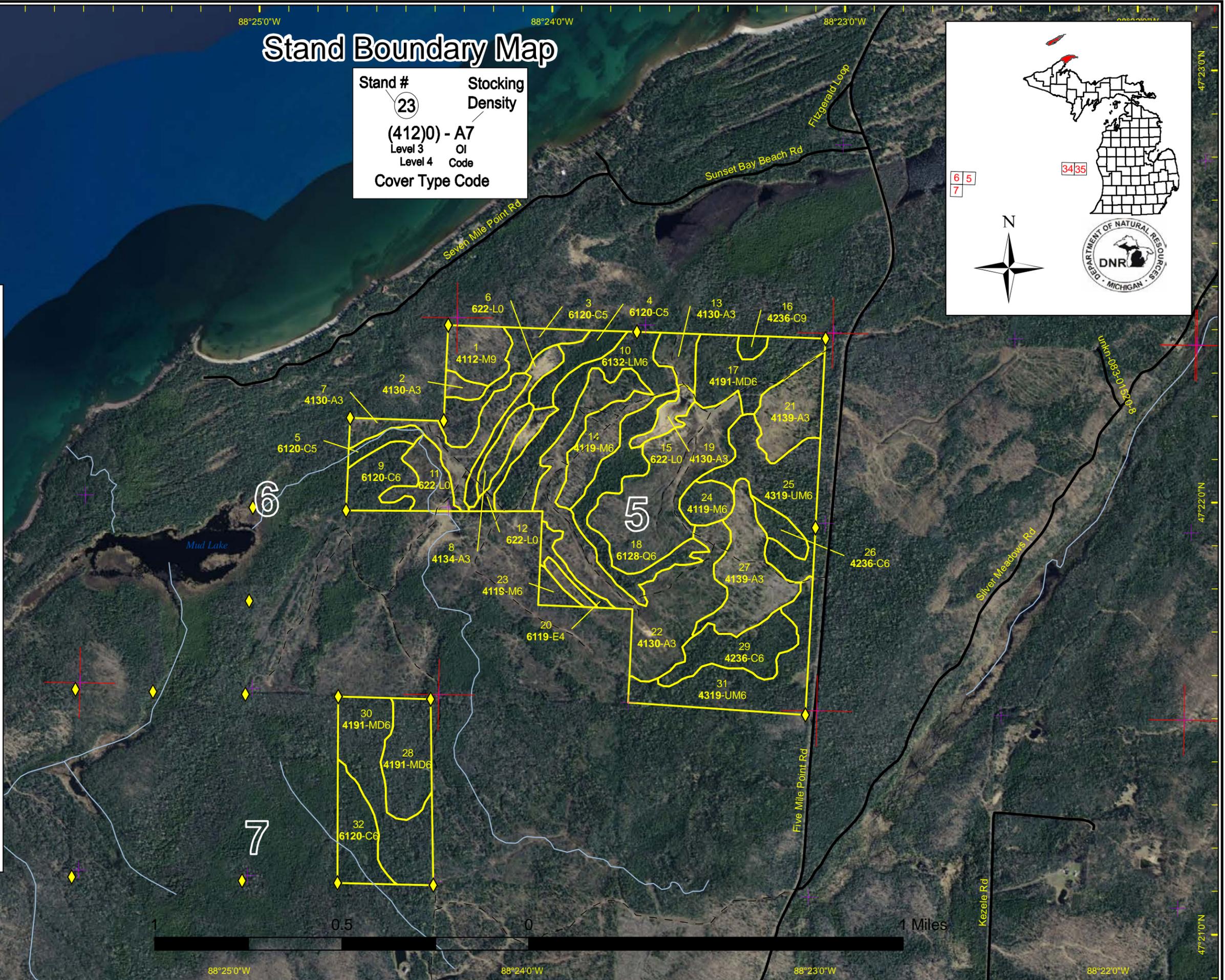
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- Stand Boundaries

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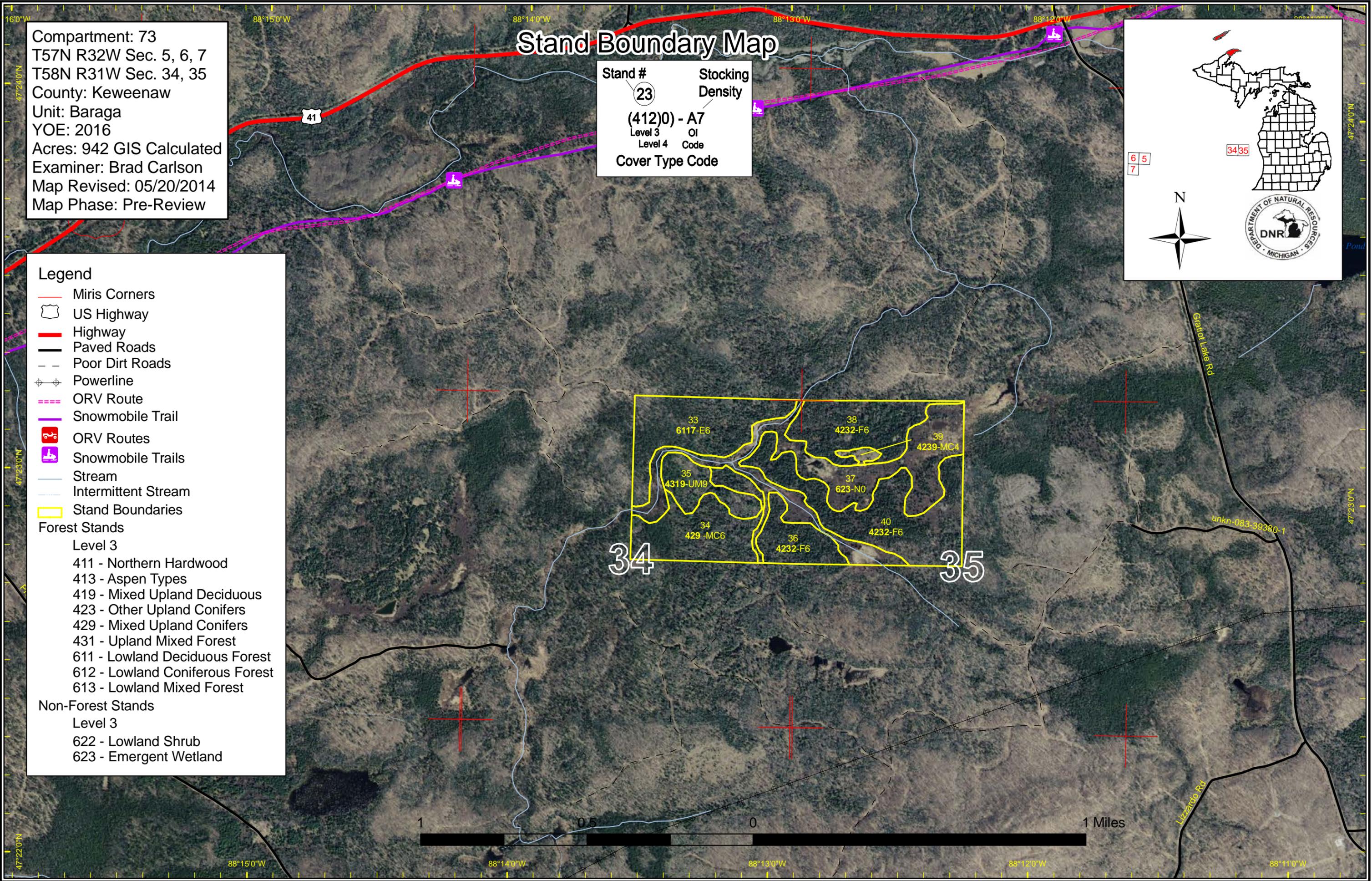
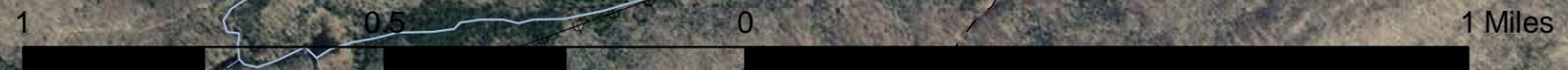
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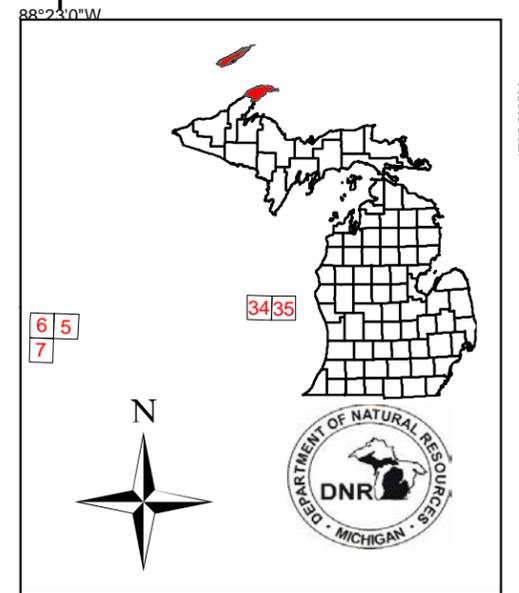
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Special Conservation Areas & Site Conditions Map

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Legend

- Miris Corners
- Stand Boundaries
- Available w/ Constraints (Factor - Number)
- Unavailable (Factor - Number)

Site Condition Type

Available Factors W/ Constraints

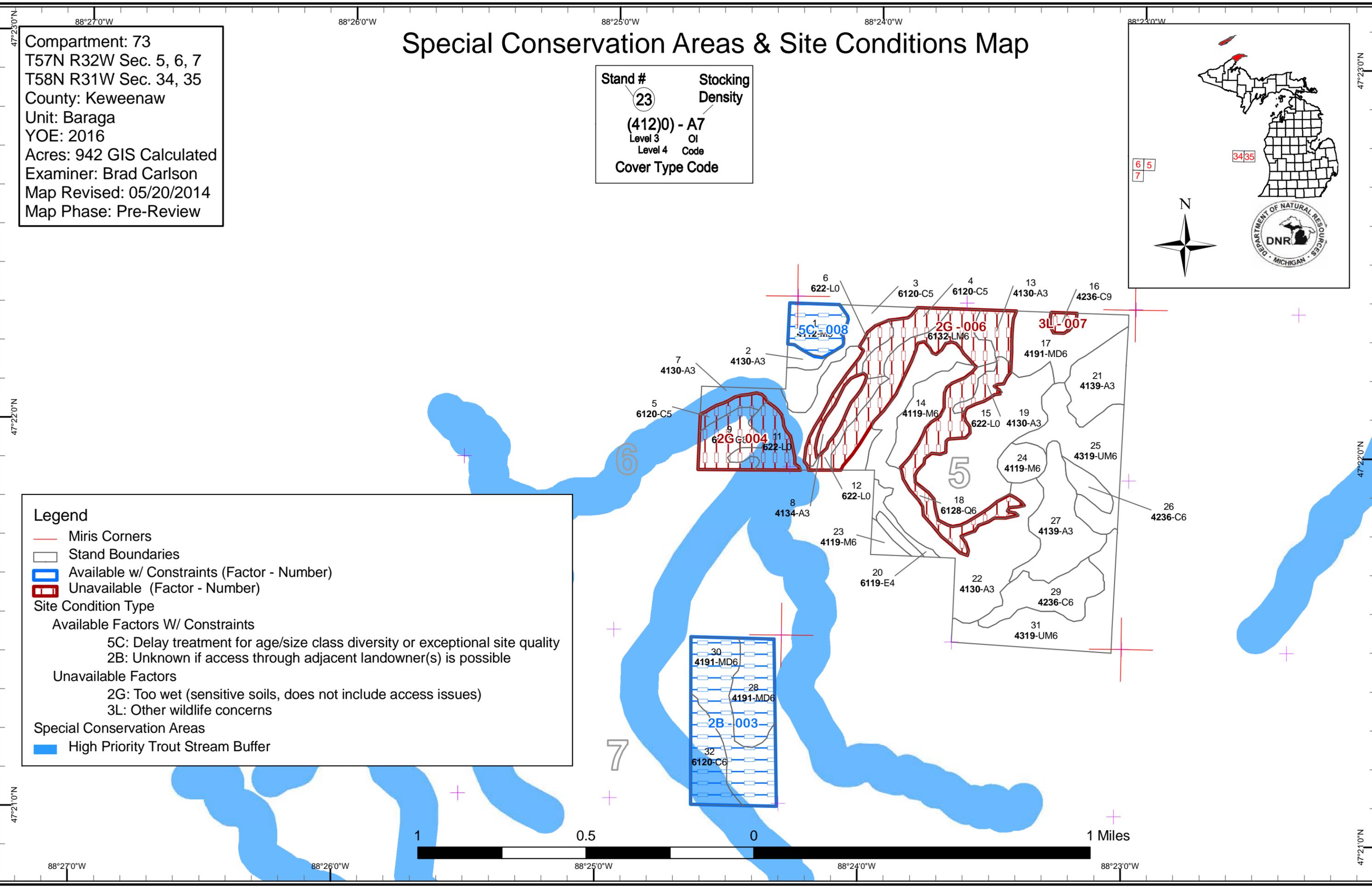
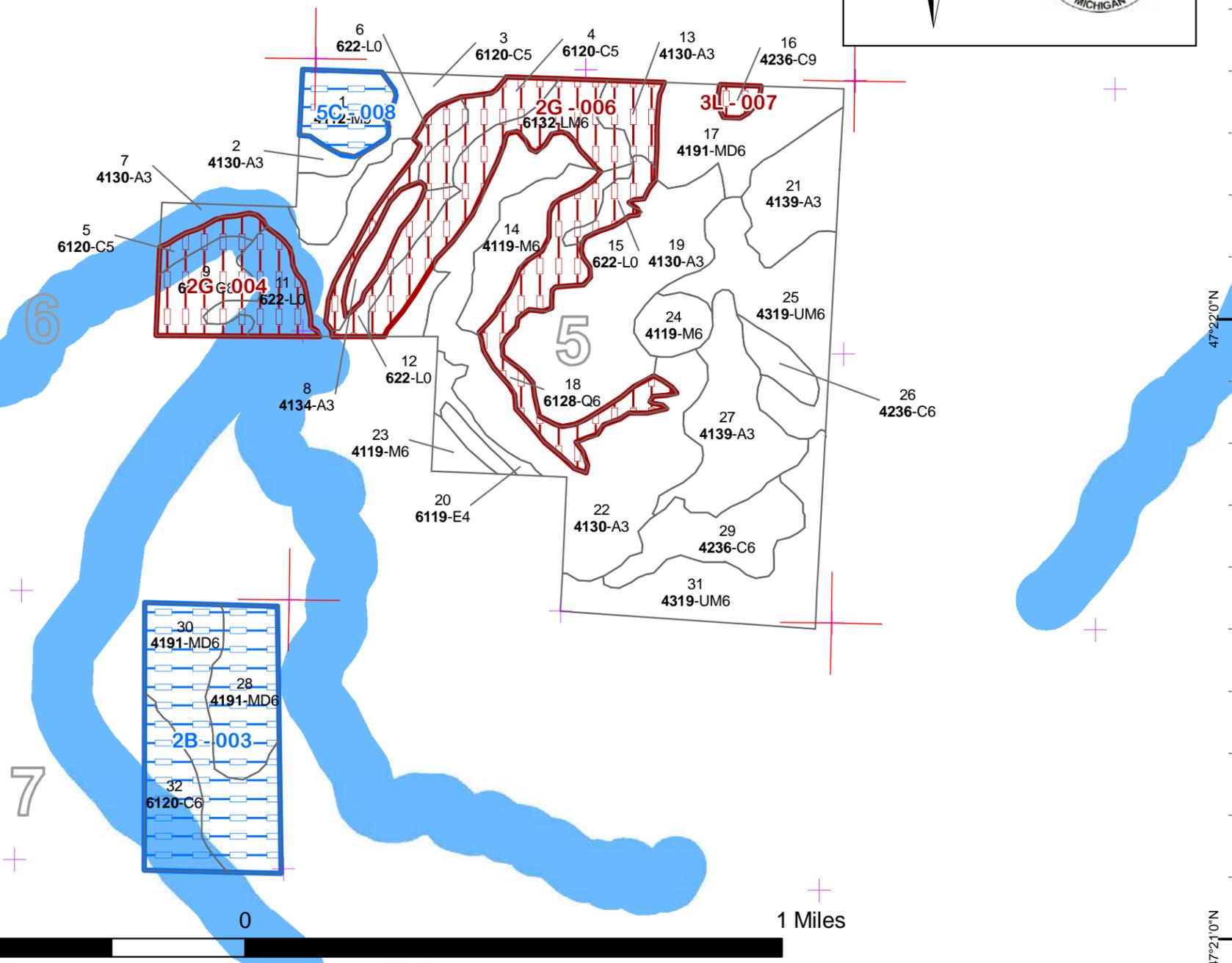
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 2B: Unknown if access through adjacent landowner(s) is possible

Unavailable Factors

- 2G: Too wet (sensitive soils, does not include access issues)
- 3L: Other wildlife concerns

Special Conservation Areas

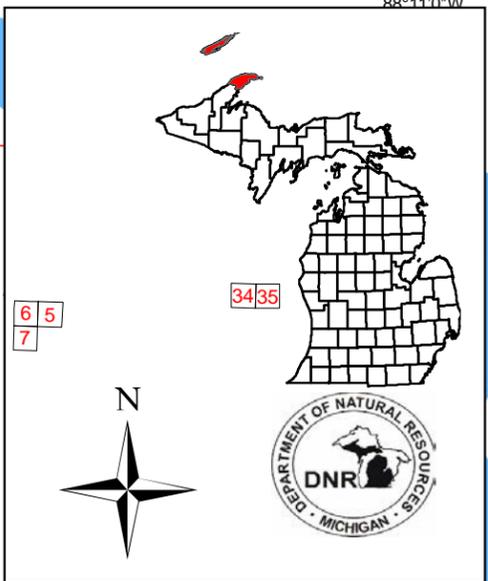
- High Priority Trout Stream Buffer



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Site Condition Type

Available Factors W/ Constraints

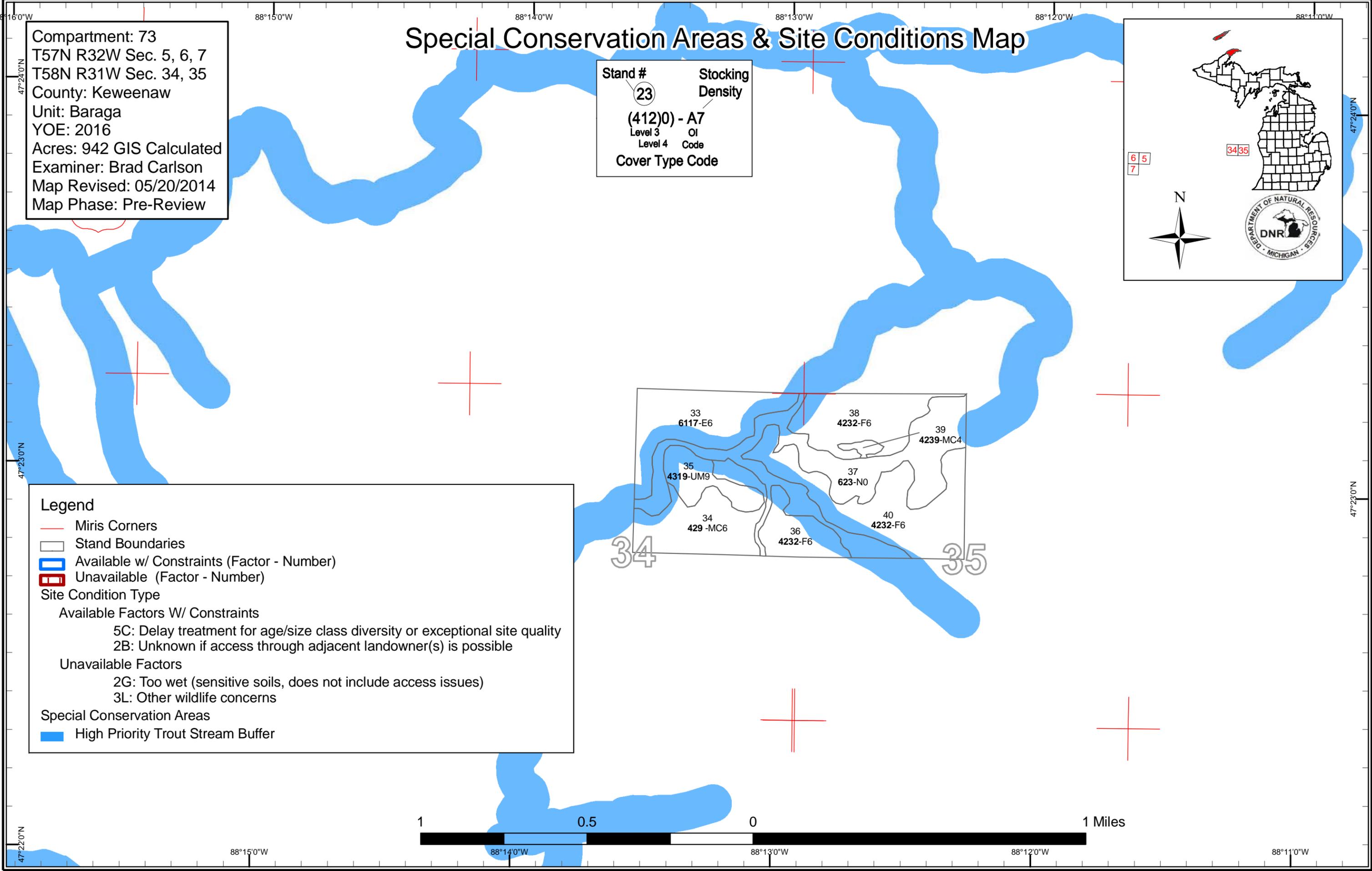
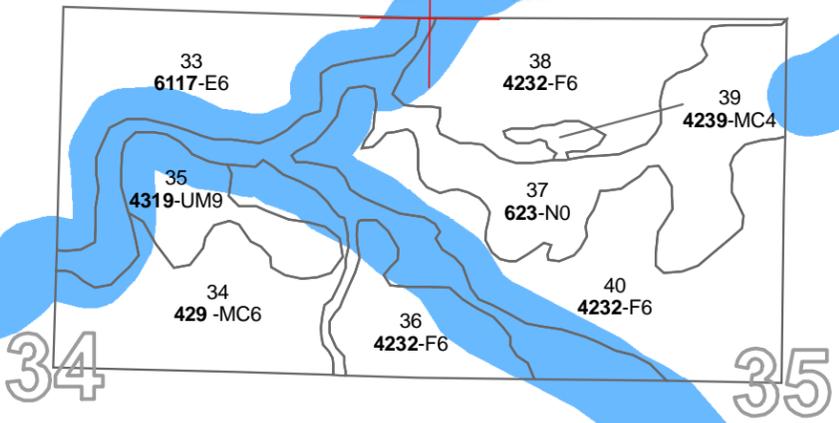
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Special Conservation Areas

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Report 1 – Total Acres by Cover Type and Age Class



	Age Class													Total	
	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 +		Uneven Age
Aspen	22	145	56	0	0	0	0	0	0	0	0	0	0	0	223
Cedar	0	0	0	0	0	0	34	28	0	0	0	0	0	39	101
Lowland Conifers	0	0	0	0	0	0	0	0	27	0	0	0	0	0	27
Lowland Deciduous	0	0	0	0	0	5	0	0	0	0	0	0	0	47	52
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	0	0	0	32	32
Lowland Shrub	35	0	0	0	0	0	0	0	0	0	0	0	0	0	35
Marsh	81	0	0	0	0	0	0	0	0	0	0	0	0	0	81
Mixed Upland Deciduous	0	0	0	0	0	0	0	90	0	0	0	0	0	0	90
Northern Hardwood	0	0	0	0	0	0	17	9	0	0	0	0	0	19	45
Upland Conifers	0	0	0	0	2	0	0	0	0	42	0	0	0	0	45
Upland Mixed Forest	0	0	0	0	0	0	0	72	0	0	0	0	0	18	90
Upland Spruce/Fir	0	0	0	0	0	0	0	0	122	0	0	0	0	0	122
Total	138	145	56	0	2	5	51	199	149	42	0	0	0	154	942



Report 2 – Proposed Treatment Summaries

Baraga Mgt. Unit
Year of Entry 2016

Compartment 073
Total Compartment Acres: 942

Acres by Treatment Type

Commercial Harvest - 347 Tree Planting - 0 Other - 0
 Habitat Cut - 0 Opening Maintenance - 0

Cover Type by Harvest Method

	<i>Clearcut</i>	<i>Selection</i>	<i>Seed Tree</i>	<i>Shelterwood</i>	<i>Thinning</i>	<i>Other - Specify</i>	<i>Total Acres</i>
Mixed Upland Conifers	42	0	0	0	0	0	42
Mixed Upland Deciduous	90	0	0	0	0	0	90
Other Upland Conifers	124	0	0	0	0	0	124
Upland Mixed Forest	90	0	0	0	0	0	90
Total	347	0	0	0	0	0	347



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
17	11073017-Cut	28.6	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	79	81-110	Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
<p><u>Prescription</u> Harvest all species down to 4.6 inches DBH except cedar and hemlock. Also reserve red oak, white pine, and red pine if they are present.</p> <p><u>Specs:</u> Retention for this stand will be greater than 3% and will consist of reserve tree species. Winter harvest only.</p> <p><u>Other</u> If possible harvest in YOE 2015, Birch and Aspen are dying out of stand.</p> <p><u>Comments:</u></p> <p><u>Next</u> Regeneration survey as per work instructions.</p> <p><u>Steps:</u></p> <p><u>Proposed</u></p> <p><u>Start Date:</u> 10/01/2014</p>										
25	11073025-Cut	36.2	4319 - Mixed Upland Forest	High Density Pole	74	81-110	Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
<p><u>Prescription</u> Harvest all species down to 4.6 inches DBH except cedar, hemlock and white pine. Also reserve red oak and red pine if they are present.</p> <p><u>Specs:</u> Retention for this stand will be greater than 3% and will consist of reserve tree species. Winter harvest only.</p> <p><u>Other</u> Birch and Aspen are in poor health and dying. Harvest in YOE 2015 if possible. Some wet drainages and cedar pockets may be excluded from sale area and will result in reduced acreage.</p> <p><u>Comments:</u></p> <p><u>Next</u> Regeneration survey as per work instructions.</p> <p><u>Steps:</u></p> <p><u>Proposed</u></p> <p><u>Start Date:</u> 10/01/2014</p>										
31	11073031-Cut	36.2	4319 - Mixed Upland Forest	High Density Pole	74	51-80	Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
<p><u>Prescription</u> Harvest all species down to 4.6 inches DBH except cedar and white pine. Also reserve red oak, red pine and hemlock if they are present.</p> <p><u>Specs:</u> Retention for this stand will be greater than 3% and will consist of reserve tree species. Winter harvest only.</p> <p><u>Other</u> Birch and Aspen are dying out of the stand may need go harvest in YOE 2015 if possible. Some areas may wet drainages or high cedar composition with will reduce the managable acreage. The south east corner of stand has a small hardwoods pocket that be excluded from sale if desired. The south property line is in and its entire length is managable.</p> <p><u>Comments:</u></p> <p><u>Next</u> Regeneration survey as per work instructions.</p> <p><u>Steps:</u></p> <p><u>Proposed</u></p> <p><u>Start Date:</u> 10/01/2014</p>										
34	11073034-Cut	42.1	429 - Mixed Upland Conifers	High Density Pole	97	81-110	Harvest	Clearcut with Reserves	4311 - Pine, Aspen Mix	Cmpt. Review Proposal
<p><u>Prescription</u> Harvest all species down to 4.6 inches DBH except cedar and white pine. Also reserve red oak and hemlock if they are present. Retention for this stand will be greater than 3% and will consist of reserve tree species.</p> <p><u>Specs:</u></p> <p><u>Other</u> Acreage will vary as wet areas and areas of high cedar composition are identified and excluded from harvest area. Southeast corner of the stand may be too wet to harvest.</p> <p><u>Comments:</u></p> <p><u>Next</u> Regeneration survey as per work instructions.</p> <p><u>Steps:</u></p> <p><u>Proposed</u></p> <p><u>Start Date:</u> 10/01/2015</p>										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
35	11073035-Cut	17.8	4319 - Mixed Upland Forest	High Density Log	97	111-140	Harvest	Clearcut with Reserves	4319 - Mixed Upland Forest	Cmpt. Review Proposal
<u>Prescription</u> Harvest all species down to 4.6 inches DBH except white pine. Also reserve red oak, hemlock and cedar if they are present. Retention for this										
<u>Specs:</u> stand will be greater than 3% and will consist of reserve tree species.										
<u>Other</u> Also, wet areas along the edge of stand may be excluded from the harvest area resulting in reduced acreage.										
<u>Comments:</u>										
<u>Next</u> Regeneration survey as per work instructions.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2015										
36	11073036-Cut	20.1	42320 - Upland Spruce	High Density Pole	82	141-170	Harvest	Clearcut with Reserves	4191 - Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal
<u>Prescription</u> Harvest all species down to 4.6 inches DBH except white pine. Also reserve red oak and cedar if they are present. Retention for this stand will										
<u>Specs:</u> be greater than 3% and will consist of reserve tree species.										
<u>Other</u> This area was previously farmed for hay during the mining days when Central Mine was in operation. Staff may need to identify areas where										
<u>Comments:</u> equipment should be prohibited to preserve the integrity of old foundations, wells, i.e.... These areas will be excluded from the harvest area and acreage will be reduced.										
Also, wet areas along the edge of stand may be excluded from the harvest area resulting in reduced acreage.										
<u>Next</u> Regeneration survey as per work instructions.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2015										
38	11073038-Cut	39.1	42320 - Upland Spruce	High Density Pole	83	81-110	Harvest	Clearcut with Reserves	429 - Mixed Upland Conifers	Cmpt. Review Proposal
<u>Prescription</u> Harvest all species down to 4.6 inches DBH except white pine and cedar. Also reserve red oak and hemlock if they are present. Retention for										
<u>Specs:</u> this stand will be greater than 3% and will consist of reserve tree species. Retain some tamarack on buffalo creek buffer.										
<u>Other</u> This area was previously farmed for hay during the mining days when Central Mine was in operation. Staff may need to identify areas where										
<u>Comments:</u> equipment should be prohibited to preserve the integrity of old foundations, wells, i.e.... These areas will be excluded from the harvest area and acreage will be reduced.										
Also, wet areas along the edge of stand may be excluded from the harvest area resulting in reduced acreage.										
<u>Next</u> Regeneration survey as per work instructions.										
<u>Steps:</u>										
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<u>Start Date:</u> 10/01/2015										
39	11073039-Cut	2.5	42390 - Mixed Non- Pine Upland Conifers	Low Density Pole	43	1-50	Harvest	Clearcut with Reserves	429 - Mixed Upland Conifers	Cmpt. Review Proposal
<u>Prescription</u> Harvest all species down to 4.6 inches DBH except cedar. Also reserve red oak, hemlock and white pine if they are present. Retention for this										
<u>Specs:</u> stand will be greater than 3% and will consist of reserve tree species.										
<u>Other</u> This area was previously farmed for hay during the mining days when Central Mine was in operation. Staff may need to identify areas where										
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40	11073040-Cut	62.9	42320 - Upland Spruce	High Density Pole	82	141-170	Harvest	Clearcut with Reserves	429 - Mixed Upland Conifers	Cmpt. Review Proposal

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

Specs:

Other Comments: This area was previously farmed for hay during the mining days when Central Mine was in operation. Staff may need to identify areas where equipment should be prohibited to preserve the integrity of old foundations, wells, i.e.... These areas will be excluded from the harvest area and acreage will be reduced.

Also, wet areas along the edge of stand may be excluded from the harvest area resulting in reduced acreage.

Next Steps: Regeneration survey as per work instructions.

Proposed Start Date: 10/01/2015

**Total Treatment
Acreage Proposed: 285.4**

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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
28 11073028-Cut	23.1	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	74	111-140	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal

Prescription Specs: Harvest all species down to 4.6 inches DBH except White Pine and Cedar. Also, retain hemlock and red oak if present. Winter harvest only.

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

Next Steps: Regeneration survey as per work instructions.

Proposed Start Date: 10/01/2015

Limiting Factor 2B: Unknown if access through adjacent landowner(s) is possible

30 11073030-Cut	38.2	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	74	81-110	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal
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Prescription Specs: Harvest all species down to 4.6 inches DBH except White Pine and Cedar. Also, retain hemlock and red oak if present. Winter harvest only.

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

Next Steps: Regeneration survey as per work instructions.

Proposed Start Date: 10/01/2015

Limiting Factor 2B: Unknown if access through adjacent landowner(s) is possible

**Total Treatment
Acreage Proposed: 61.3**

Report 5 – Site Conditions

Baraga Mgt. Unit
Brad Carlson : Examiner

Compartment 073
Year of Entry 2016



Availability for Management

Total Acres	Acres			Dominant Site Conditions				
	Available	Not Available		No	5C	3L	2G	2B
222	214	8	Aspen	214			8	
100	66	35	Cedar	47		3	32	19
27		27	Lowland Conifers				27	
52	52		Lowland Deciduous	52				
32	4	28	Lowland Mixed Forest	4			28	
90	90		Mixed Upland Deciduous	29				61
45	45		Northern Hardwood	30	15			
45	45		Upland Conifers	45				
90	90		Upland Mixed Forest	90				
122	122		Upland Spruce/Fir	122				
824	727	97	Total Forested Acres	633	15	3	95	80
	88%	12%	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
003	Available	2B: Unknown if access through adjacent landowner(s) is possible	80				
Comments: Property around parcel is owned by one individual who will not allow access for timber harvesting.							
004	Not Available	2G: Too wet (sensitive soils, does not include access issues)	34				
Comments:							

Report 5 – Site Conditions

Baraga Mgt. Unit
Brad Carlson : Examiner

Compartment 073
Year of Entry 2016



006	Not Available	2G: Too wet (sensitive soils, does not include access issues)	96
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Comments:

007	Not Available	3L: Other wildlife concerns	3
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Comments:

WLD doesn't allow harvest of cedar.

008	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	15
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Comments:

Harvest in YOE 2026 with other hdwds stand in the compartment.



Report 6 – 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				
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Report 7 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

Conservation Area	Type	Description
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
SCA	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.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	4112 - Maple, Beech, Cherry Association	High Density Log	14.9	Uneven Age	111-140	Previously selection harvested in 1997 with "7 Mile Point Birch" 11-004-96-01. Stand is silviculturally ready for treatment but should wait until 2026 to be harvested with other hardwood Islands in this compartment that need one more rotation.
2	4130 - Aspen	High Density Sapling	3.6	17		Harvested in 1997 with "7 Mile Point Birch" 11-004-96-01.
3	6120 - Lowland Cedar	Medium Density Pole	18.2	68		
4	6120 - Lowland Cedar	Medium Density Pole	10.9	68		
5	6120 - Lowland Cedar	Medium Density Pole	5.1	68		
7	4130 - Aspen	High Density Sapling	20.6	17		Harvested in 1997 with "7 Mile Point Birch" 11-004-96-01
8	4134 - Aspen, Spruce/Fir	High Density Sapling	7.2	17		Harvested in 1997 with "7 Mile Point Birch" 11-004-96-01
9	6120 - Lowland Cedar	High Density Pole	16.0	Uneven Age	81-110	Some small areas of stand could be managed but overall the stand is too wet and has too much cedar.
10	6132 - Mixed Lowland Forest with Cedar	High Density Pole	31.9	Uneven Age	111-140	Some small areas on the south end of stand could be managed in the future that is poor quality aspen and hardwoods.
13	4130 - Aspen	High Density Sapling	8.1	17		Harvested in 1997 with "7 Mile Point Birch" 11-004-96-01
14	4119 - Mixed Northern Hardwoods	High Density Pole	17.2	68	51-80	Selection harvested in 2006-7 with "Rabbit Fir Hardwoods" 11-014-06-01
16	42360 - Upland Cedar	High Density Log	2.6	79	141-170	Unique stand.
17	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	28.6	79	81-110	Birch is dying out of stand. Aspen is of poor quality. Quite a bit of windthrow within the stand. harvest in YOE 2015 if possible.
18	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	27.1	81		Wet!
19	4130 - Aspen	High Density Sapling	56.1	21		Harvested in 1993 with "5 Mile Birch" 11-015-92-01.
20	6119 - Mixed Lowland Deciduous Forest	Low Density Pole	4.8	57	1-50	excluded from "7 Mile Point Birch" because it was too wet.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
21	4139 - Aspen, Mixed Deciduous	High Density Sapling	21.7	7		Harvested in 2007 with "Rabbit Fir" Unit 2. They pole length skidded during the harvest which may have yeilded good cedar regeneration.
22	4130 - Aspen	High Density Sapling	74.2	17		Harvested in 1997 with "7 Mile Point Birch" 11-014-96-01.
23	4119 - Mixed Northern Hardwoods	High Density Pole	4.1	Uneven Age	81-110	Selection harvested in 1997 with "7 Mile Point Birch" 11-004-96- 01. Cut heavy in 1997, harest with other Hardwoods stands in YOE 2026.
24	4119 - Mixed Northern Hardwoods	High Density Pole	8.8	74	81-110	Selection harvested in 1997 with "7 Mile Point Birch" 11-004-96- 01. Leave of one more rotation and harvest with other hardwood stand in YOE 2026.
25	4319 - Mixed Upland Forest	High Density Pole	36.2	74	81-110	Birch and Aspen are in poor health and dying. Harvest in YOE 2015 if possible. Some wet drainages and cedar pockets my be excluded from sale area and will result in reduced acerage.
26	42360 - Upland Cedar	High Density Pole	6.6	74	81-110	Some blowdown pockets in stand, Some wet springs. Cedar BA is too high to manage.
27	4139 - Aspen, Mixed Deciduous	High Density Sapling	31.7	10		Harvested in 2004 with "Rabbit Fir Hardwoods" 11-014-06-01. Good cedar regeneration, probably from polelength skidding.
28	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	23.1	74	111-140	Stand was prescribed and sold as "Gold Ring Birch" 11-013-06- 01, but all adjacent landowners denied access resulting in this stand not being harvested.
29	42360 - Upland Cedar	High Density Pole	22.7	Uneven Age	111-140	Cedar is growing on a slope which may contain some springs, Blowdown and regeneration holes give this stand an all aged structure. Cedar BA is too high to harvest through.
30	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	38.2	74	81-110	Stand was prescribed and sold as "Gold Ring Birch" 11-013-06- 01, but all adjacent landowners denied access resulting in this stand not being harvested.
31	4319 - Mixed Upland Forest	High Density Pole	36.2	74	51-80	Some areas may wet drainages or high cedar composition with will reduce the managable acreage. The south east corner of stand has a small hardwoods pocket that be excluded from sale if desired. The south property line is in and its entire length is managable.
32	6120 - Lowland Cedar	High Density Pole	18.5	74	111-140	
33	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	47.1	Uneven Age	111-140	Stand has small areas that are managable but contain several drainages that run into Buffalo Creek, Leave entire stand as riparian cooridor. Adjacent property owner tried to harvest with no success.

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Baraga Mgt. Unit

Report 8 – Forested Stands

Compartment: 073
Year of Entry: 2016

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
34	429 - Mixed Upland Conifers	High Density Pole	42.1	97	81-110	Clearcut stand reserving white pine and cedar. Acerage will be reduce due to wet drainages and area af high cedar
35	4319 - Mixed Upland Forest	High Density Log	17.8	Uneven Age	111-140	Clearcut and leave White Pine. Also leave Cedar, Oak and hemlock if present.
36	42320 - Upland Spruce	High Density Pole	20.1	82	141-170	Area was previously farmed around 1900.
38	42320 - Upland Spruce	High Density Pole	39.1	83	81-110	Area was previously farmed around 1900. Clearcut reserving cedar and white pine.
39	42390 - Mixed Non- Pine Upland Conifers	Low Density Pole	2.5	43	1-50	Area was farmed around 1900. Include with harvest of adjacient stands. Clearcut reserving white pine and cedar if any.
40	42320 - Upland Spruce	High Density Pole	62.9	82	141-170	Area was previously farmed around 1900. Clearcut reserving cedar and white pine.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
6	6220 - Alder/willow	8.8	No	Unspecified	
11	6220 - Alder/willow	13.3	No	Unspecified	
12	6220 - Alder/willow	7.0	No	Unspecified	
15	6220 - Alder/willow	5.9	No	Unspecified	
37	6239 - Mixed Emergent Wetland	81.0	No	Unspecified	