



Compartment Review Presentation

Escanaba Forest Management Unit

Compartment 73

Entry Year 2016

Acreage: 109

County Menominee

Management Area: North Menominee Moraines

Revision Date: 06/12/2014

Stand Examiner: Dan McNamee

Legal Description:

T39N,R25W, Sections 31, 32.

Identified Planning Goals:

This tract of land has been listed for disposal. The Hannaville Indian Community has been offered the land and is currently reviewing the proposal.

Soil and topography:

Soils are primarily well drained loams, and very poorly drained loamy soils. Major soils are Emmit, Lupton, Cathro, Tawas, Carbondale, Rifle, Tacoosh and Angelica. Topography is gently sloping to moderately steep.

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

Compartment is surrounded by Non-Industrial Private land and Indian reservation land.

Unique Natural Features:

No Unique Natural Features known.

Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

Special Management Designations or Considerations:

Area is listed for disposal.

Watershed and Fisheries Considerations:

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of medium-textured glacial till with drumlins. The glacial drift thickness varies between 10 and 50 feet. The Ordovician Black River Group underlies the glacial drift. The Black River is used for dolomite/stone and may overlap Precambrian aged rocks which may have metallic and nonmetallic mineral potential. This area has not been leased previously for metallic exploration. The nearest gravel pits are located to the south on drumlins and there is potential on the upland drumlins. No economic oil and gas production has been found in the UP.

Vehicle Access:

Limited due to amount of private land in the area.

Survey Needs:

None

Recreational Facilities and Opportunities:

Hunting and trapping.

Fire Protection:

The area does have access should a fire get started, but it is limited due to private land.

Additional Compartment Information:

The following reports from the Inventory are attached:

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

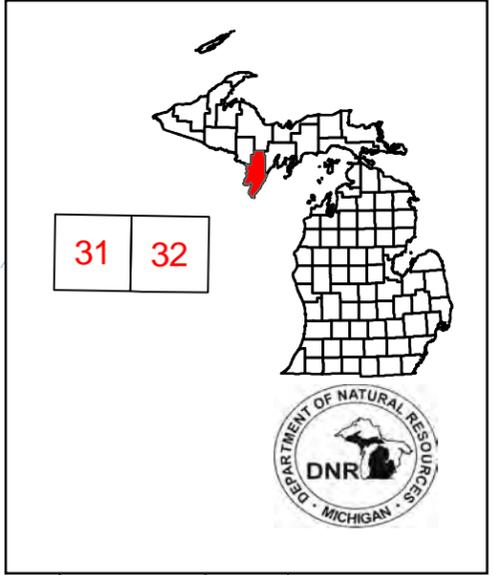
The following information is displayed, where pertinent, on the attached compartment maps:

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

Cover Type & Treatment Map

Compartment: 73
 T39N R25W Sec. 31, 32
 County: Menominee
 Unit: Escanaba
 YOE: 2016
 Acres: 109 GIS Calculated
 Examiner: Dan McNamee
 Map Revised: 05/16/2014
 Map Phase: Pre-Review

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



Legend

- ◆ Survey Grade
- ◇ Non-Survey Grade
- ✚ Remonumented Section Corners
- ✚ Miris Corners
- Paved Roads
- - - Poor Dirt Roads
- 🚲 Bike Trails
- 🚶 Hiking Trails
- - - Bike Trail
- - - Hiking Trail
- Stream
- - - Intermittent Stream
- Lakes and Rivers

Forest Stands

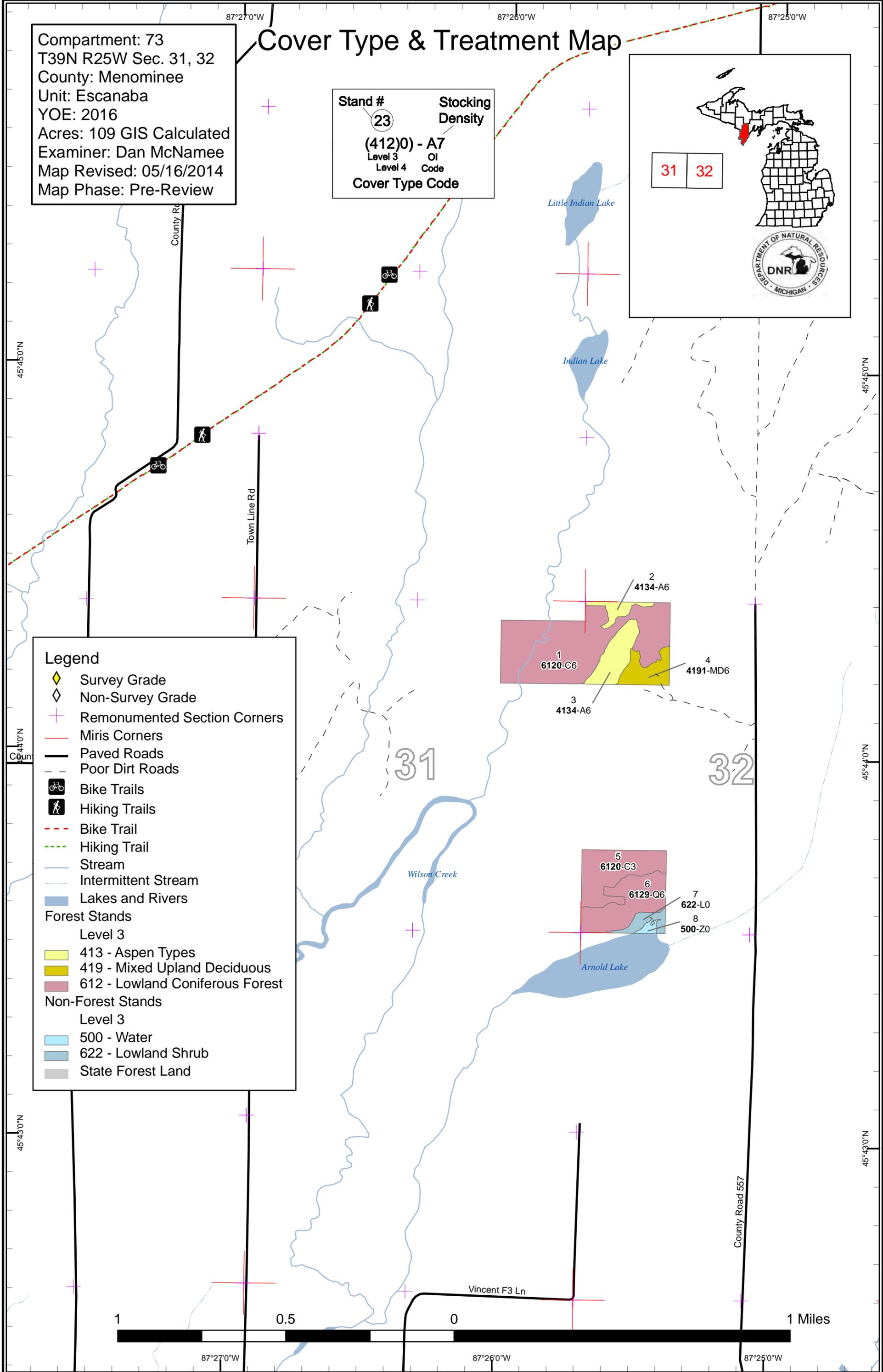
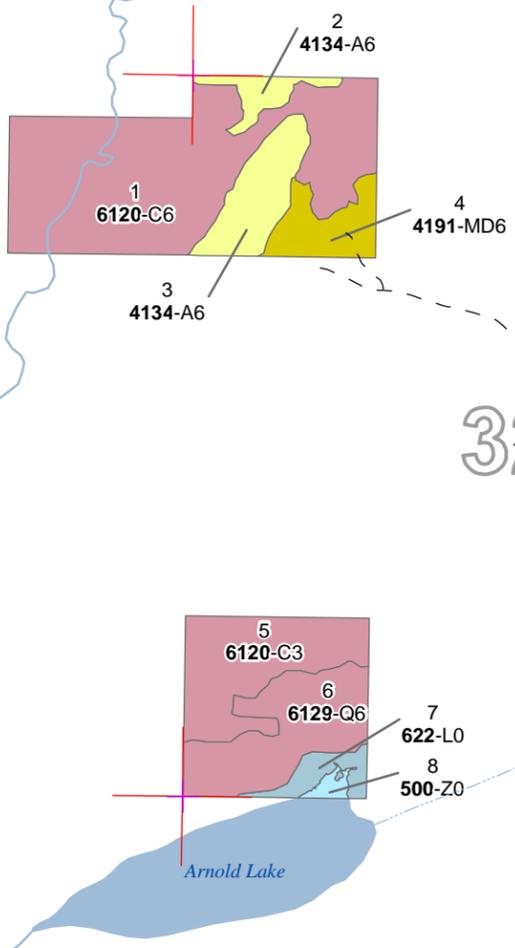
Level 3

- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 612 - Lowland Coniferous Forest

Non-Forest Stands

Level 3

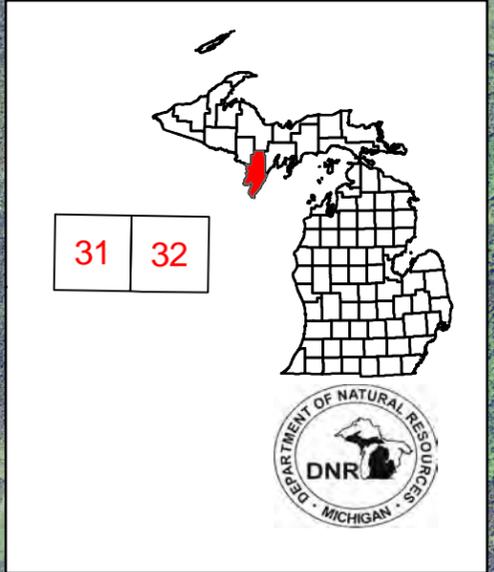
- 500 - Water
- 622 - Lowland Shrub
- State Forest Land



Stand Boundary Map

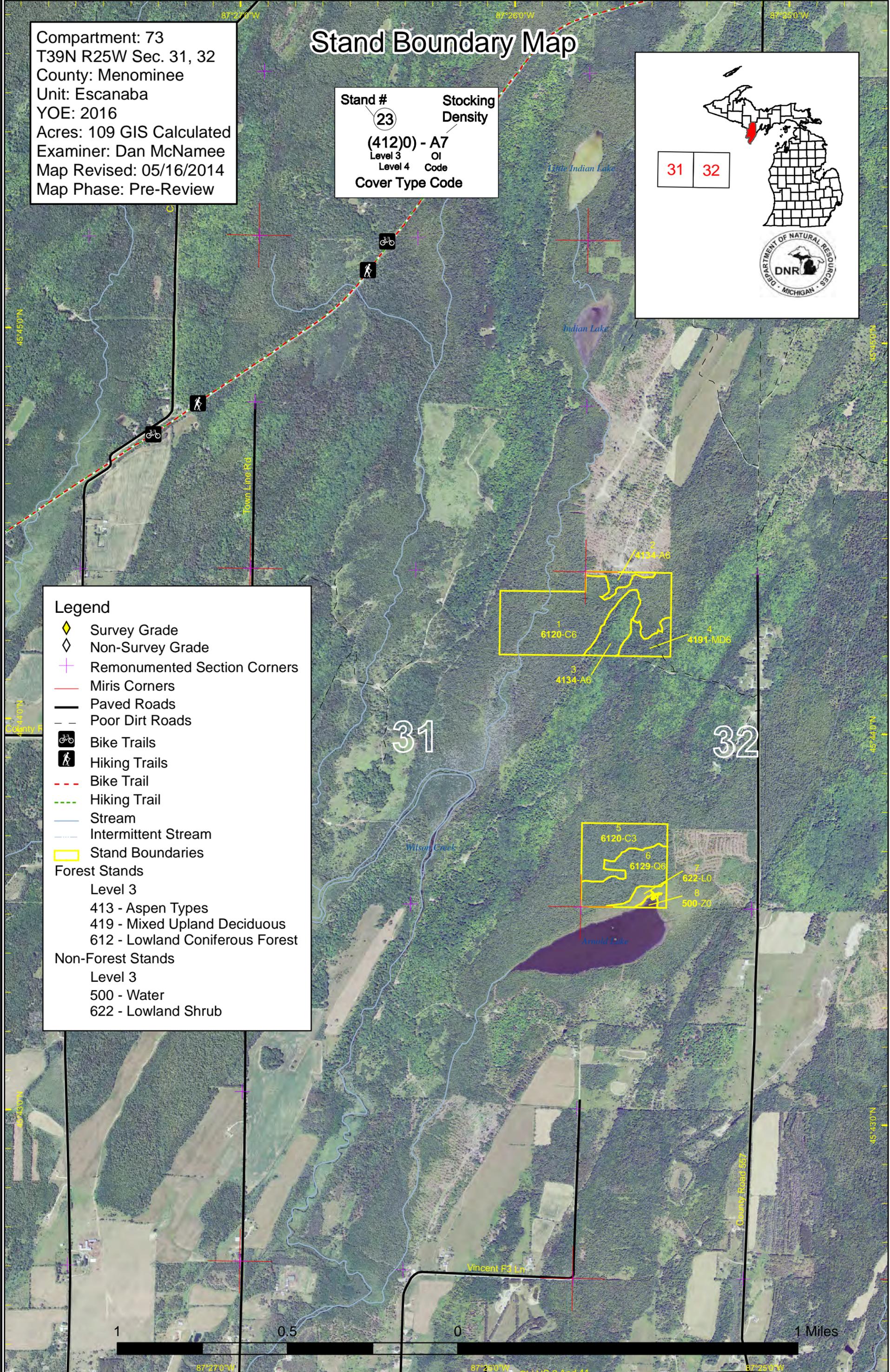
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Legend

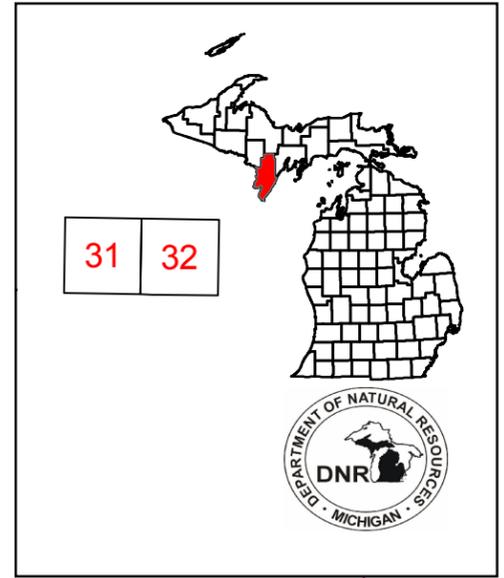
- Survey Grade
 - Non-Survey Grade
 - Remonumented Section Corners
 - Miris Corners
 - Paved Roads
 - Poor Dirt Roads
 - Bike Trails
 - Hiking Trails
 - Bike Trail
 - Hiking Trail
 - Stream
 - Intermittent Stream
 - Stand Boundaries
- Forest Stands**
- Level 3
 - 413 - Aspen Types
 - 419 - Mixed Upland Deciduous
 - 612 - Lowland Coniferous Forest
- Non-Forest Stands**
- Level 3
 - 500 - Water
 - 622 - Lowland Shrub



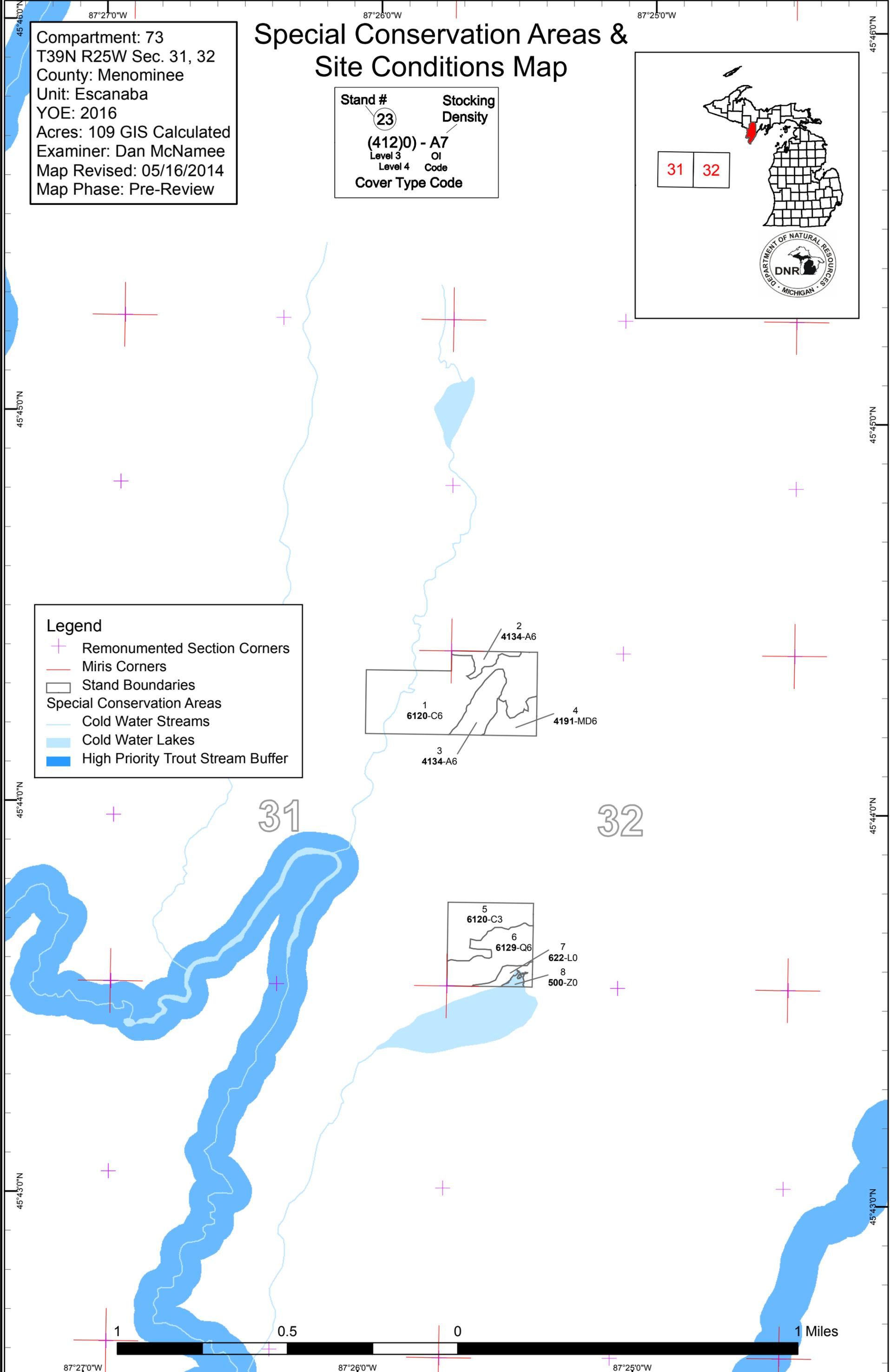
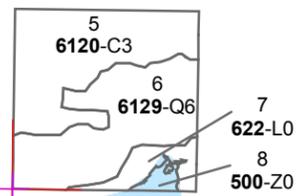
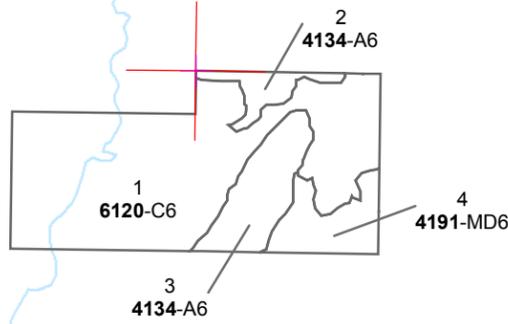
Special Conservation Areas & Site Conditions Map

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



- Legend**
- + Remonumented Section Corners
 - + Miris Corners
 - Stand Boundaries
 - Special Conservation Areas
 - Cold Water Streams
 - Cold Water Lakes
 - High Priority Trout Stream Buffer



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	0	0	3	0	9	0	0	0	0	0	0	0	0	0	13
Cedar	0	0	0	18	0	0	0	0	0	0	50	0	0	0	67
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	0	17	0	0	17
Lowland Shrub	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	7	0	0	0	0	0	7
Water	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	4	0	3	18	9	0	0	0	0	7	50	17	0	0	109



Report 2 – Proposed Treatment Summaries

Escanaba Mgt. Unit
Year of Entry 2016

Compartment 073
Total Compartment Acres: 109

Acres by Treatment Type

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

Cover Type by Harvest Method

	Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
	#Error	#####	#Error	#####	#Error	#####	
Total	0	0	0	0	0	0	0



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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
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#Type! #Type!

Prescription
Specs:

Other
Comments:

Next
Steps:

Proposed
Start Date: #Type!

**Total Treatment
Acreage Proposed: 0.0**



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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
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#Type! #Type!

Prescription
Specs:

Other
Comment:

Next
Steps:

Proposed
Start Date: #Type!

Limiting Factor

Total Treatment
Acreage Proposed: 0.0

Report 5 – Site Conditions

Escanaba Mgt. Unit
Dan McNamee : Examiner

Compartment 073
Year of Entry 2016

Availability for Management

Total Acres	Acres Available	Acres Not Available	Dominant Site Conditions	No
13	13		Aspen	13
67	67		Cedar	67
17	17		Lowland Conifers	17
7	7		Mixed Upland Deciduous	7
105	105		Total Forested Acres	105
	100%		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.*



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
Comments				



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	Archaeological Site	An aquatic or terrestrial area of the State that contains physical remains of human occupation. These are sites of cultural and historical significance that may occur upon terrestrial areas and Great Lakes bottomlands. They include thousands of Native American settlements and burial sites, as well as French and British outposts, nineteenth century logging camps, mines and homesteads. Beneath the waters of the Great Lakes, there are shipwrecks and other remains documenting the maritime trade. Such sites may be identified by Natural heritage data from the State Historic Preservation Office. Proposed treatments in this compartment will be implemented in such a manner as to maintain the integrity of these sites. Due to the sensitive nature of this information, no further detail about location is available.
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.

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Escanaba 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:
1	6120 - Lowland Cedar	High Density Pole	49.6	105		Stand is located in a parcel of state land that is listed for disposal. Stand is not in need of treatment.
2	4134 - Aspen, Spruce/Fir	High Density Pole	3.5	29		Stand is located in a parcel of state land that is listed for disposal. No treatment will be done.
3	4134 - Aspen, Spruce/Fir	High Density Pole	9.4	42		Stand is located in a parcel of state land that is listed for disposal. No treatment will be needed.
4	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	7.3	90		Stand is located in a parcel of state land that is listed for disposal. No treatment will be needed.
5	6120 - Lowland Cedar	High Density Sapling	17.7	39		Stand is located in a parcel of state land that is listed for disposal. No treatment will be needed.
6	6129 - Mixed Coniferous Lowland Forest	High Density Pole	17.3	115		Stand is located in a parcel of state land that is listed for disposal. No treatment will be needed.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
7	6220 - Alder/willow	3.5	No	Unspecified	
8	50 - Water	1.0	No	Unspecified	