



**Escanaba Forest Management Unit
Compartment Review Presentation
Compartment # 65 Entry Year: 2014
Compartment Acreage: 1236 County: Menominee**

Revision Date: May 30, 2012

Stand Examiner: Joe Durbin, FMD;

Legal Description: T41N R25W, Sections 7, 8, 17 and 18; T41N R26W, Section 13

Management Goals: This compartment is part of the North Menominee Moraines Management Area and is located about 5 miles north of LaBranche, Michigan. It is a mixture of lowland and upland types. Lowland types are about 57 % of the compartment and include mostly cedar with mixed lowland timber types and lowland shrub. Upland types are about 43% and include mostly hardwood and aspen/birch with some white pine timber types and open and shrub types. The West Branch of the Ford River flows easterly through the southern portion of the compartment.

Despite higher deer populations in the area during yarding periods, hardwood regeneration including hard maple and red maple was found outside the compartment on adjacent corporate ownership. The regeneration success appears to be due to leaving lower residual basal area levels through heavier cuts such as shelter-wood and seed-tree harvests. These harvest practices are not normally used in hardwood management in the western Upper Peninsula but may be the best means to regenerate the timber type due to high populations of deer and thick coverings on the forest floor by sedges. Traditional hardwood/cedar harvest/regeneration techniques yield stunted and heavily browsed seedlings as was observed throughout the compartment on state owned land.

Approximately 182 acres (9 stands) are proposed for treatment. Of the proposed treatments, approximately 105 acres (5 stands) are clearcut with reserves, 23 acres (2 stands) are partial cuts, 29 acres (1 stand) are seed tree and 25 acres (1 stands) are proposed for planting (spruce).

Soil and Topography: Topography is level to gently rolling. The soils are primarily mucks/peats in the lowlands and loams and sandy loams in the uplands. The major soil series include complexes of Tawas, Deford, Onaway, Solona and Sundell.

Ownership Patterns, Development, and Land Use in and Around the Compartment: The compartment is part of a mostly contiguous block of state ownership with large corporate industrial and non-industrial private holdings surrounding the block. The corporate lands are managed for timber products and most of the NIP ownership is multi-use mainly recreational hunting, fishing and trapping and some timber production. Dwellings are seasonally occupied with access via county roads over private ownership or corporate land or extensive woods roads over corporate lands. A large hunting club owns the land south of the compartment.

Unique, Natural Features: The West Branch of the Ford River flows west to east through the southern portion of the compartment. The main branch of the Ford River lies north of the compartment.

Archeological, Historical, and Cultural Features: None known.

Special Management Designations or Considerations: This area is part of a traditional deer yard complex.

Watershed and Fisheries Considerations: The West Branch of the Ford River flows easterly through the southern portion of the compartment. No lakes or ponds exist in the compartment.

Wildlife Habitat Considerations: Compartment 65 is part of the North Menominee Management Area. This management area is comprised of discontinuous state holdings in a matrix of largely corporate forest. Over half of the area is lowland conifer cover type (cedar, spruce, tamarack) interspersed with uplands of aspen and northern hardwoods. Historically this management area has been important deer winter range. Due to difficulties in regenerating cedar, most of this cover type will simply be protected, except for purposeful regeneration experiments. Aspen will be managed for age class diversity, and hardwoods for vegetative diversity and improved regeneration success. Featured wildlife species include the american marten and snowshoe hare.

Hardwoods: All of the stands up for treatment this cycle have a cedar/hemlock component. These occurrences are important as they provide patches of cover and micro habitats used by many species including bears and deer. Five of these stands will have all of the cedar retained while the remaining three will have some of the cedar left.

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of medium textured glacial till. There is insufficient data to determine the glacial drift thickness. The Ordovician Prairie du Chien Group underlies the glacial drift. The PdC could be used for stone and may overlap Precambrian aged rocks, which may have metallic and nonmetallic mineral potential. Gravel pits are located in the area and there appears to be potential, especially the upland drumlins. No economic oil and gas production has been found in the UP.

Vehicle Access: Access into the compartment is over woods roads over corporate, hunt club and small NIP holdings. Two county roads, the North Gaber Road and the Bergman Road come close to the southern border of the compartment and terminate at locked private gates. Beyond the gates the roads are gravel or poor dirt roads. Access north of the West Branch of the Ford River is through corporate and private ownership using poor woods roads and must cross the main branch of the Ford River.

Survey Needs: For the proposed treatments, potentially fifteen survey corners maybe needed. Few registered corners exist in these townships which have not been remonumented.

Recreational Facilities and Opportunities: There are no developed recreational facilities within the compartment. Several old roads are used for orv and snowmobile recreation by local landowners and clubs. Corporate and private landowners cooperate to allow recreational use of roads. Other recreational opportunities include hunting, fishing, trapping and horseback riding.

Fire Protection: Access is fairly good throughout most of this compartment and the timber types in the area are generally low risk for fire hazard. Some of the interior more remote areas may present a greater fire hazard. During dry times of the year most of the compartment is accessible using four-wheel drive vehicles. The roads need maintenance and have low wet portions that may prohibit some vehicles.

Additional Compartment Information:

- **The following reports from the Inventory are attached:**
 - ◆ **Total Acres by Cover Type and Age Class**
 - ◆ **Proposed Treatment Summary**
 - ◆ **Proposed Treatments – No Limiting Factors**
 - ◆ **Proposed Treatments – With Limiting Factors**
 - ◆ **Stand Details (Forested and Nonforested)**
 - ◆ **Dedicated and Proposed Special Conservation Areas**

- **The following information is displayed, where pertinent, on the attached compartment maps:**
 - ◆ **Base feature information, stand boundaries, cover types, and numbers**
 - ◆ **Proposed treatments**
 - ◆ **Details on the road access system**

Table 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	31	11	0	0	0	0	0	0	0	0	0	0	0	42
Cedar	0	0	0	0	0	0	0	0	0	21	394	12	179	0	606
Herbaceous Openland	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Low-Density Trees	44	0	0	0	0	0	0	0	0	0	0	0	0	0	44
Lowland Aspen/Balsam Poplar	0	0	0	0	0	0	7	0	0	0	0	0	0	0	7
Lowland Deciduous	0	0	0	29	0	0	0	0	0	0	0	0	0	0	29
Lowland Mixed Forest	0	0	0	0	0	0	0	28	0	0	0	0	0	0	28
Lowland Shrub	27	0	0	0	0	0	0	0	0	0	0	0	0	0	27
Marsh	9	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Mixed Upland Deciduous	0	0	0	45	0	0	0	46	0	0	0	0	0	0	91
Northern Hardwood	0	0	0	0	0	0	0	204	15	0	0	0	0	0	219
Paper Birch	0	0	68	0	0	0	0	0	0	0	0	0	0	0	68
Upland Mixed Forest	0	0	0	0	0	0	16	0	0	0	0	0	0	0	16
Upland Shrub	21	0	0	0	0	0	0	0	0	0	0	0	0	0	21
White Pine	0	0	0	0	0	0	0	0	0	0	0	0	25	0	25
Total	106	31	79	74	0	0	23	278	15	21	394	12	204	0	1236



Table 2 – Proposed Treatment Summaries

Escanaba Mgt. Unit
Year of Entry 2014

Compartment 065
Total Compartment Acres: 1236

Acres by Treatment Type

Commercial Harvest - 150	Site Prep - 0	Tree Planting - 25	Prescribed Burn - 0	Other - 0
Habitat Cut - 0	Opening Maintenance - 0	Tree Seeding - 0	Pesticide - 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>
Lowland Mixed Forest	0	0	27	0	0	0	27
Mixed Upland Deciduous	45	0	0	0	0	0	45
Northern Hardwood	41	21	0	0	0	0	62
Upland Mixed Forest	16	0	0	0	0	0	16
Total	102	21	27	0	0	0	150



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
7	33065007- SCw/Res	3.0	4110 - Sugar Maple Association	High Density Log	85	111-140	Harvest	Single Tree Selection	4110 - Sugar Maple Association	Cmpt. Review Proposal
<u>Prescription</u> Selectcut with reserves. Thin to 70-90 residual basal area. Reserve hemlock, yellow birch and pine, if present.										
<u>Specs:</u>										
<u>Other</u> Stand last treated in 1984 on contract 014-84-01.										
<u>Comments:</u>										
<u>Next</u>										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
11	33065011- SeedtreeCutw /Res	26.7	6132 - Mixed Lowland Forest with Cedar	High Density Pole	70	111-140	Harvest	Seed Tree with Reserves	6112 - Lowland Aspen	Cmpt. Review Proposal
<u>Prescription</u> Scattered seed tree cut w/ reserves. Cut all except leave scattered seed tree clumps with clumps including pine and cedar and leave all										
<u>Specs:</u> hemlock, beech and yellow birch, if present. Also, leave 2 patches of 1/2 acre size containing mostly cedar.										
<u>Other</u> Leave a 100' buffer along West Branch of Ford River. Retention will include the buffer along river.										
<u>Comments:</u>										
<u>Next</u> Check next entry for regeneration.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
28	33065028- CCw/Res	5.3	4190 - Mixed Upland Deciduous with Cedar	Medium Density Log	75	111-140	Harvest	Clearcut with Reserves	4113 - R.Maple, Conifer	Cmpt. Review Proposal
<u>Prescription</u> Clearcut w/ Res. Cut all except leave scattered clumps for seed source of various species but mainly cedar.										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Check next entry for regeneration.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
29	33065029- CCw/Res	16.1	4319 - Mixed Upland Forest	High Density Pole	68		Harvest	Clearcut with Reserves	4136 - Aspen, Mixed Conifer	Cmpt. Review Proposal
<u>Prescription</u> Clearcut w/ reserves. Cut all except leave portions of the stand, mainly cedar, in 3 small pockets. Leave all hemlock, pine and yellow birch, if										
<u>Specs:</u> present.										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Check next entry for regeneration.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
30	33065030- CCw/Res	39.5	4190 - Mixed Upland Deciduous with Cedar	High Density Pole	70	111-140	Harvest	Clearcut with Reserves	4113 - R.Maple, Conifer	Cmpt. Review Proposal
<u>Prescription:</u> Clearcut w/ reserves. Cut all except leave scattered seed trees in clumps and some pine. Retain 2 pockets about 1/4 to 1/2 acre size, mainly containing cedar. Leave all hemlock and yellow birch. <u>Specs:</u>										
<u>Other Comments:</u> Leave pockets mainly along lowland areas. An active goshawk nest was found in the stand. Consult the MNFI database for location. Follow goshawk guidelines for treatment. <u>Next Steps:</u> Check next entry for regeneration.										
<u>Proposed Start Date:</u> 10/01/2013										
31	33065031- SCw/Res	18.4	4112 - Maple, Beech, Cherry Association	High Density Log	70	141-170	Harvest	Single Tree Selection	4113 - R.Maple, Conifer	Cmpt. Review Proposal
<u>Prescription:</u> Selectcut w/ reserves. Mark to a residual basal area of 60-70. Retain all cedar, hemlock and yellow birch, if present. Create some large regen gaps. <u>Specs:</u>										
<u>Other Comments:</u> Leave a buffer along the creek. <u>Next Steps:</u> Check next entry for regeneration.										
<u>Proposed Start Date:</u> 10/01/2013										
35	33065035- CCw/Res	9.8	4119 - Mixed Northern Hardwoods	Medium Density Log	81	111-140	Harvest	Clearcut with Reserves	4113 - R.Maple, Conifer	Cmpt. Review Proposal
<u>Prescription:</u> Clearcut w/ reserves. Cut all except leave scattered clumps of seed trees and leave all cedar. <u>Specs:</u>										
<u>Other Comments:</u> <u>Next Steps:</u> Check next entry for regeneration.										
<u>Proposed Start Date:</u> 10/01/2013										
39	33065039- CCw/Res	30.9	4119 - Mixed Northern Hardwoods	Medium Density Log	75	111-140	Harvest	Clearcut with Reserves	4113 - R.Maple, Conifer	Cmpt. Review Proposal
<u>Prescription:</u> Clearcut w/ reserves. Cut all except scattered clumps of seed trees. Also, retain all cedar, hemlock and yellow birch, if present. Leave a 100' buffer along the Ford River. <u>Specs:</u>										
<u>Other Comments:</u> <u>Next Steps:</u> Check next entry for regeneration.										
<u>Proposed Start Date:</u> 10/01/2013										

**Table 3 -- Treatments Prescribed
with No Limiting Factor**



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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
24 NF_33065024-Plant	24.6	3302 - Low Density Conifer Trees				Tree Planting	Hand Plant	42390 - Mixed Non-Pine Upland Conifers	Cmpt. Review Proposal

Prescription: Plant white spruce according to accepted practices.

Specs:

Other

Comments:

Next Steps: Check next entry for regeneration success.

Proposed

Start Date: Unspecified

**Total Treatment
Acreage Proposed: 174.4**

**Table 4 -- Treatments Prescribed with
a Limiting Factor**



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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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#Error

Prescription
Specs:

Other
Comment:

Next
Steps:

Proposed
Start Date: #Error

Limiting Factor and No
Treatment Reason

**Total Treatment
Acreage Proposed: 0**

Out of YOE -- Treatments
Prescribed with No Limiting Factor

Year of Entry: 2014



Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
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Prescription
Specs:

Other
Comments:

Next
Steps:

Proposed
Start Date: #Error

**Total Treatment
Acreage Proposed: 0**

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Escanaba Mgt. Unit

5 – Forested Stands

Compartment: 065

Year of Entry: 2014



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	6111 - Lowland Balsam Poplar	High Density Pole	6.8	61		Other observed species: balsam fir, white spruce.
2	4110 - Sugar Maple Association	Medium Density Log	30.8	75	81-110	Lots of sedge on ground cover. Stand is variable density. Some portions have no understory. Any maple seedlings are deer browsed. Other observed species: hemlock, black cherry, balsam fir, white pine.
3	4199 - Other Mixed Upland Deciduous	Medium Density Pole	45.0	35		Lots of beaver damage to aspen saplings/poles near river. Near the river the stand is converting to balm/fir/spruce and cedar type. Further from river, young aspen is still dominant in pockets.
4	4139 - Aspen, Mixed Deciduous	Medium Density Pole	11.2	29		Lots of sedge in the ground cover. Stand has variable density; portions are well-stocked at 75-100% crown closure. Other observed species: sugar maple, balsam fir, white spruce, cedar.
5	4110 - Sugar Maple Association	Medium Density Log	28.6	70	81-110	Lots of sugar maple and ash seedlings but all deer browsed. Adjacent private camp near southwest corner of stand has a lot of trash, junk, a building frame, firewood, stack of lumber, cabin poles, a vehicle and etc stored on state land. Previous inventory also notes this trespass.
7	4110 - Sugar Maple Association	High Density Log	5.0	85	111-140	Good quality sugar maple logs and poles. South 2.3 acres is a poor quality cedar stand. Separate, these stands are too small to map but together are 5 acres.
8	6120 - Lowland Cedar	High Density Pole	78.0	101		Most of stand is nearly pure cedar with occasional patches of black spruce with cedar too small to map. Ground is very wet in some portions. Other observed species: balsam fir, black and white spruce, white pine supercanopy.
9	6117 - Lowland Deciduous, Mixed Coniferous	Medium Density Pole	28.8	35		Stand is variable. Stocking and type varies from E4, E5, E6, to C5, C6. Quite a bit of tag alder in some portions of the stand. Scattered blowdowns. Portions buffer West Branch of Ford River. Other observed species: green ash.
11	6132 - Mixed Lowland Forest with Cedar	High Density Pole	28.2	70	111-140	Portions on low ridge, portions on low ground but not too low or wet. Other observed species: red maple.
13	6120 - Lowland Cedar	High Density Pole	33.2	104		Other observed species: white spruce, balm.
14	6120 - Lowland Cedar	High Density Pole	25.3	101		Portions with wetter ground have poorer quality timber and more blowdowns. Also, pockets of better quality timber--posts and bolts. Some areas with tag alder.
15	42200 - Natural White Pine	Low Density Log	24.5	150		Other observed species: hemlock, sugar maple, black cherry.
17	6120 - Lowland Cedar	High Density Pole	12.5	116		

S t a n d	Escanaba Mgt. Unit		5 – Forested Stands			Compartment: 065	General Comments:
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Year of Entry: 2014	
20	6120 - Lowland Cedar	High Density Log	122.6	156			Some patches heavier to paper birch and balm, occasional island low-ridge of white pine, red maple and paper birch portions with higher percentage of large spruce--all too small to map. Occasional blowdown. Most of stand has park-like understory--very unique. Other observed species: white spruce, balsam fir, balm, red maple, white pine.
21	6120 - Lowland Cedar	High Density Pole	20.7	91			Site is mostly transitional ground--not high but not really low ground. Occasional low ridges.
22	6120 - Lowland Cedar	High Density Pole	8.5	102			Mostly a buffer of cedar along the transition to the upland hardwood type. Other species observed: red maple, hemlock.
23	4112 - Maple, Beech, Cherry Association	High Density Log	22.4	70	81-110		
25	4112 - Maple, Beech, Cherry Association	High Density Log	5.0	70	81-110		flat terrain. Other species observed: cedar, balsam fir, white pine, basswood, yellow birch.
26	4140 - Other Upland Deciduous	Medium Density	47.3	21			Long narrow low ridge. White spruce seedlings in more open areas. Other species observed: balsam fir.
27	6120 - Lowland Cedar	High Density Pole	23.0	127			site rather wet. Other species observed: white spruce, balsam fir, tamarack.
28	4190 - Mixed Upland Deciduous with Cedar	Medium Density Log	5.3	75	111-140		Lots of dead and down balsam fir throughout stand. Mostly a low ridge. Other species observed: sugar maple, white spruce, white pine.
29	4319 - Mixed Upland Forest	High Density Pole	16.1	68			Lots of balsam fir dead and down. Mostly high ground on low ridge.
30	4190 - Mixed Upland Deciduous with Cedar	High Density Pole	40.7	70	111-140		Lots of dead and down balsam fir. Mostly a low ridge. but some areas are low ground with mostly cedar. Other species observed: yellow birch, white spruce, quaking aspen.
31	4112 - Maple, Beech, Cherry Association	High Density Log	18.4	70	141-170		Most of sugar maple is poor quality poles with minor percentage good quality. Portions of stand is on shallow to bedrock soil. West Branch of Ford River along north edge of stand--very unique bank with rock bottom. Other observed species: white spruce, paper birch.
32	6120 - Lowland Cedar	High Density Log	124.5	108			Very nice cedar stand with trees straight and tall. Occasional XL white pine. Other species observed: basswood, sugar/red maple, fir, white pine.
33	4140 - Other Upland Deciduous	Low Density Sapling	21.0	21			Regeneration is patchy with some areas more open with raspberries.
35	4119 - Mixed Northern Hardwoods	Medium Density Log	9.8	81	111-140		Island in swamp. Lots of dead and down cedar, balsam fir. No regen coming in.



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Escanaba Mgt. Unit

5 – Forested Stands

Compartment: 065
Year of Entry: 2014

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
36	6120 - Lowland Cedar	High Density Pole	33.9	174		Cedar with lots of sweep and crook but some good quality products. Some areas are heavier to tam/spruce but too small to map. Areas with lots of balsam fir and black spruce blow down.
37	6120 - Lowland Cedar	Medium Density Pole	124.1	105		Low wet site. Cedar is 1-2 sticks with sweep and lots of blow down is areas. Other observed species: white pine, black ash black spruce.
38	4110 - Sugar Maple Association	Medium Density Log	65.9	75	81-110	Lots of deer browse on ash and ironwood seedlings. Some tall knolls with slope. Other observed species: ironwood, cedar, balsam fir, white pine, paper birch, basswood, white ash, black cherry.
39	4119 - Mixed Northern Hardwoods	Medium Density Log	32.7	75	111-140	Lots of dead and down balsam fir and cedar. Other observed species: white pine.
42	4130 - Aspen	High Density Sapling	30.6	11		More balm in sw corner of stand and on lower ground, also some areas of P1, P3, A1. High ridge along east line of forty. Other observed species: black cherry. Stand includes river buffer of mature trees--mostly cedar but also spruce, balsam fir aspen and ash.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
6	3303 - Mixed Low Density Trees	16.6	No	Unspecified	shallow to bedrock. Patches of balsam fir, patches of pin cherry. Scattered white pine logs.
10	3205 - Mixed Upland Shrub	7.2	No	Unspecified	
12	6220 - Alder/willow	18.8	No	Unspecified	West Branch of the Ford River runs through stand.
16	3205 - Mixed Upland Shrub	13.8	No	Unspecified	
18	3102 - Grass	5.3	No	Unspecified	
19	6229 - Mixed lowland shrub	5.1	No	Unspecified	
24	3302 - Low Density Conifer Trees	24.6	No	Unspecified	
34	6220 - Alder/willow	2.8	No	Unspecified	West Branch of Ford River runs through stand.
40	6233 - Wet Meadow	9.1	No	Unspecified	
41	3303 - Mixed Low Density Trees	2.4	No	Unspecified	



7 – 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.

Stand	SCA Type	SCA Name	Acres	Comments



8 – DEDICATED CONSERVATION AREA DETAILS

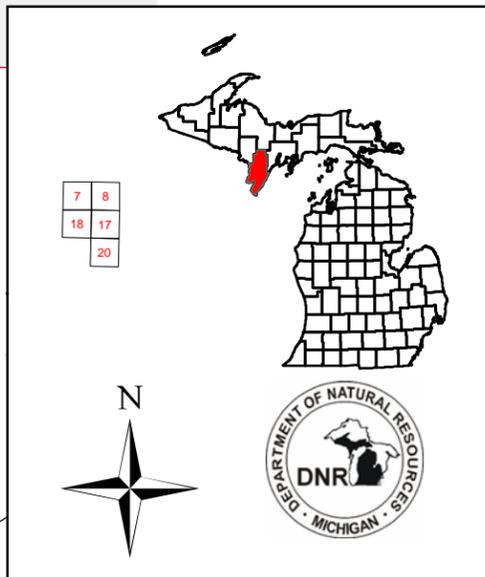
* This is a list of Dedicated Biodiversity Areas for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to Dedicated Conservation Area Map for areas that the below listed Conservation Areas are located.

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

Conservation Area	Type	Description
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.

Cover Type & Treatment Map

Compartment: 065
 T41N R25W
 07 08 17 18 20
 County: Menominee
 Unit: Escanaba
 YOE: 2014
 Acres: 1,236 GIS Calculated
 Examiner: Not Entered
 Map Revised: 07/19/2012
 Map Phase: Pre-Review



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

Legend

- Miris Corners
- Gravel Roads
- Poor Dirt Roads
- Stream
- Intermittent Stream
- Lakes and Rivers
- State Forest Land

Treatments

- Clearcut (w/Reserves, Patch/Strip)
- Seed Tree (w/Reserves)
- Selection (Group, Single Tree)
- Planting (tree species)

Forest Stands

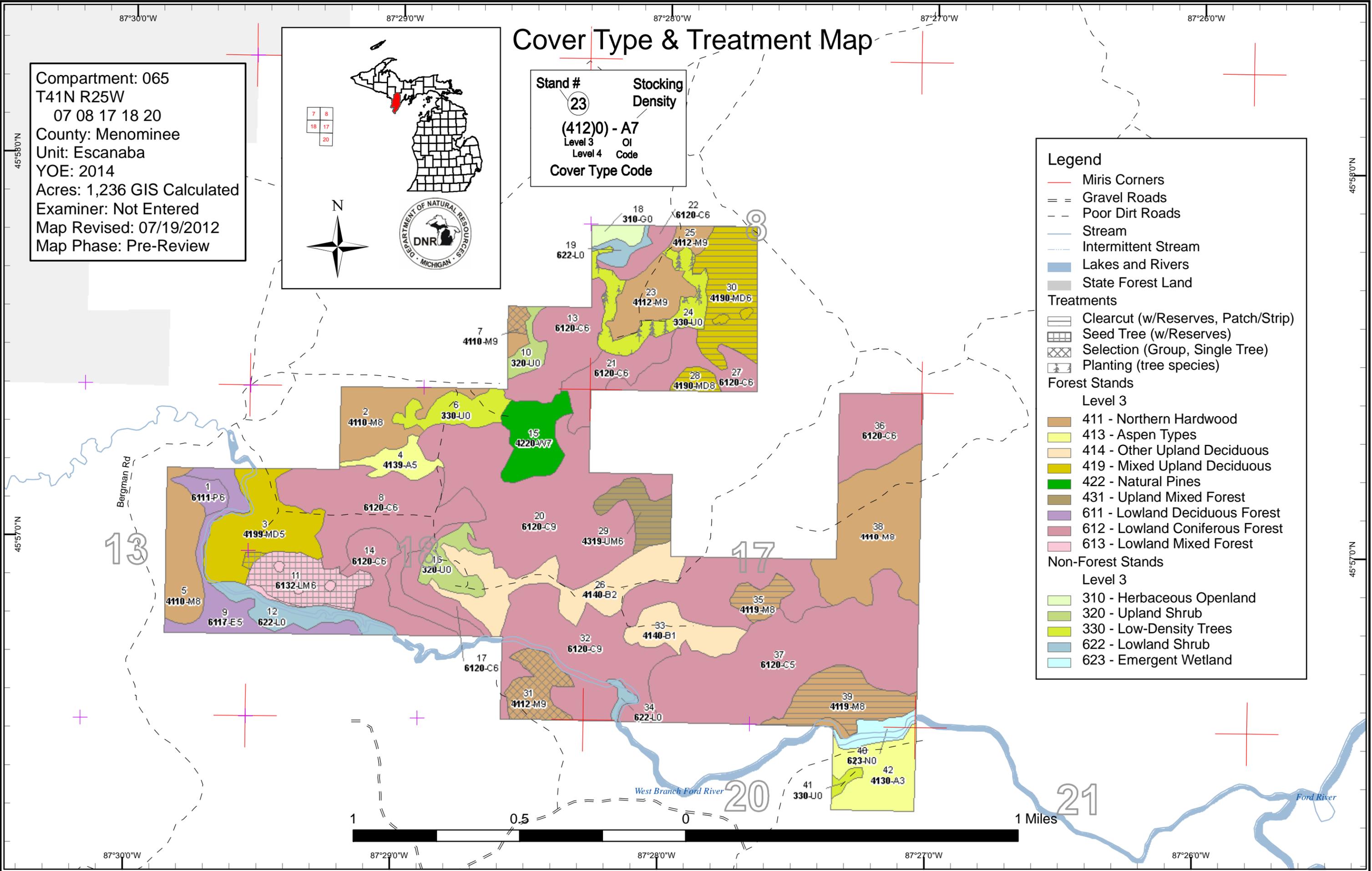
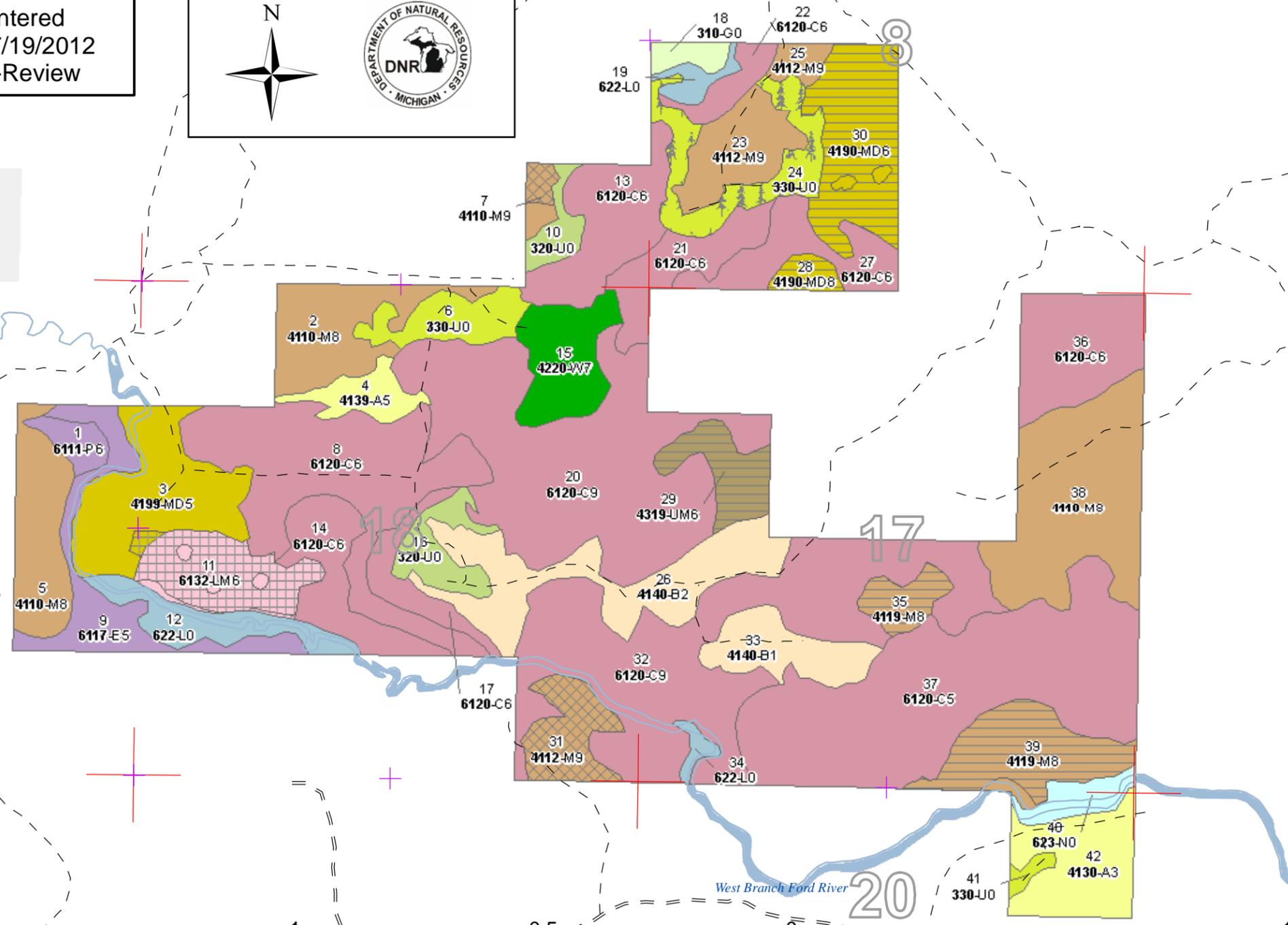
Level 3

- 411 - Northern Hardwood
- 413 - Aspen Types
- 414 - Other Upland Deciduous
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 431 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest

Non-Forest Stands

Level 3

- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low-Density Trees
- 622 - Lowland Shrub
- 623 - Emergent Wetland



Stand Boundary Map

Compartment: 065
 T41N R25W
 07 08 17 18 20
 County: Menominee
 Unit: Escanaba
 YOE: 2014
 Acres: 1,236 GIS Calculated
 Examiner: Not Entered
 Map Revised: 07/19/2012
 Map Phase: Pre-Review



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

Legend

- Miris Corners
- + Remonumented Section Corners
- == Gravel Roads
- - Poor Dirt Roads
- Stream
- - Intermittent Stream
- Stand Boundaries

Forest Stands

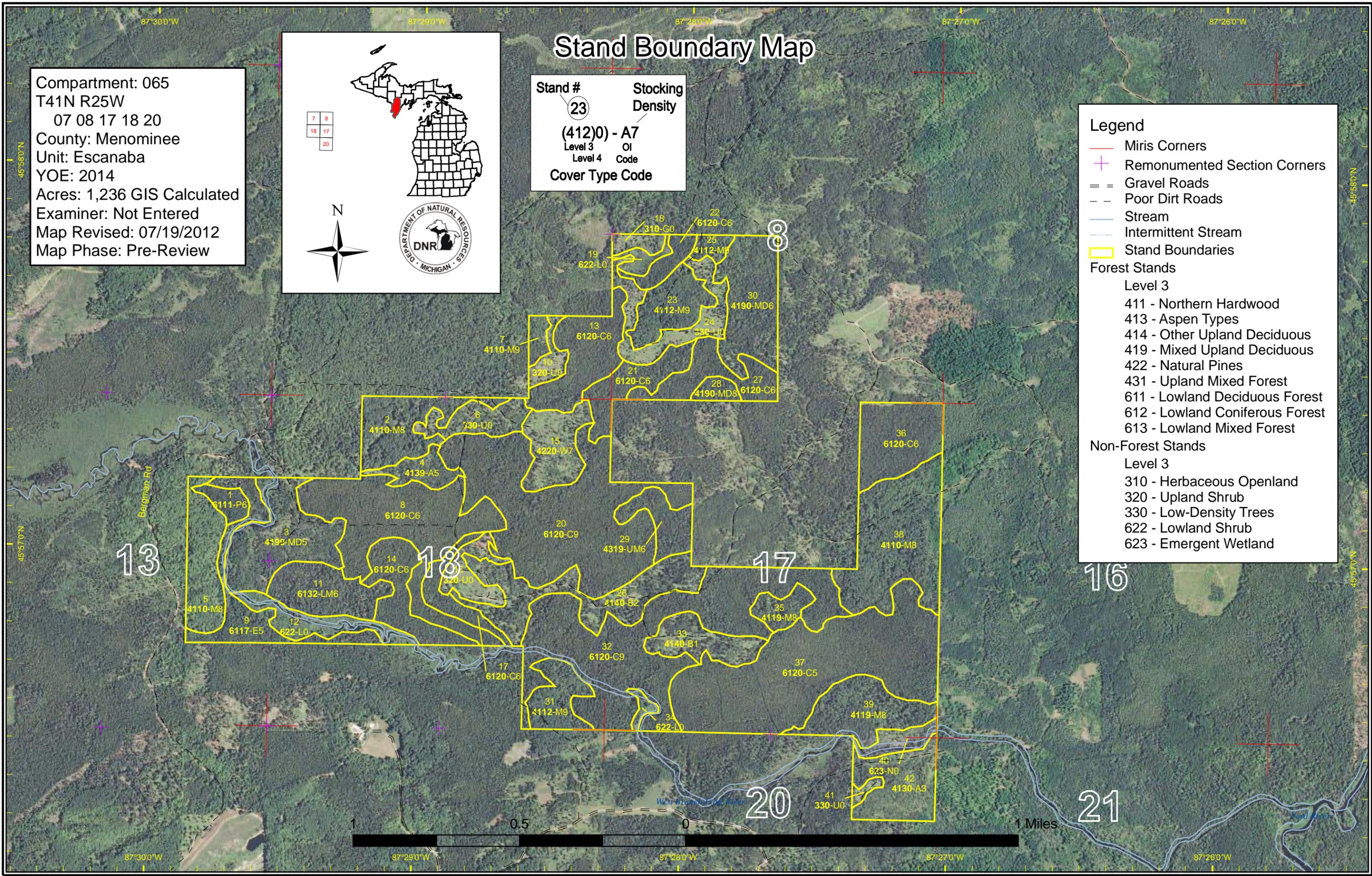
Level 3

- 411 - Northern Hardwood
- 413 - Aspen Types
- 414 - Other Upland Deciduous
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 431 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest

Non-Forest Stands

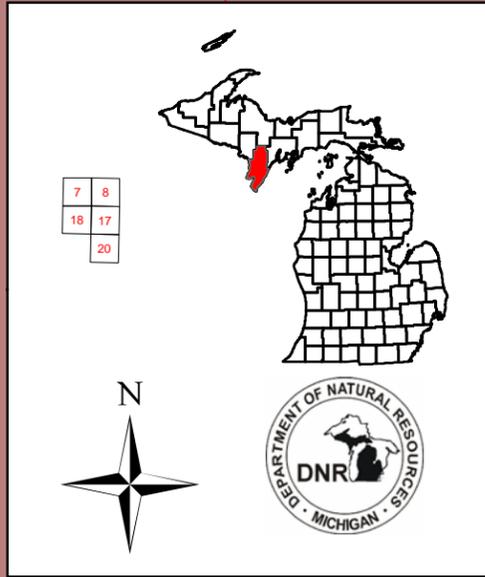
Level 3

- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low-Density Trees
- 622 - Lowland Shrub
- 623 - Emergent Wetland



Dedicated & Proposed Special Conservation Area Map

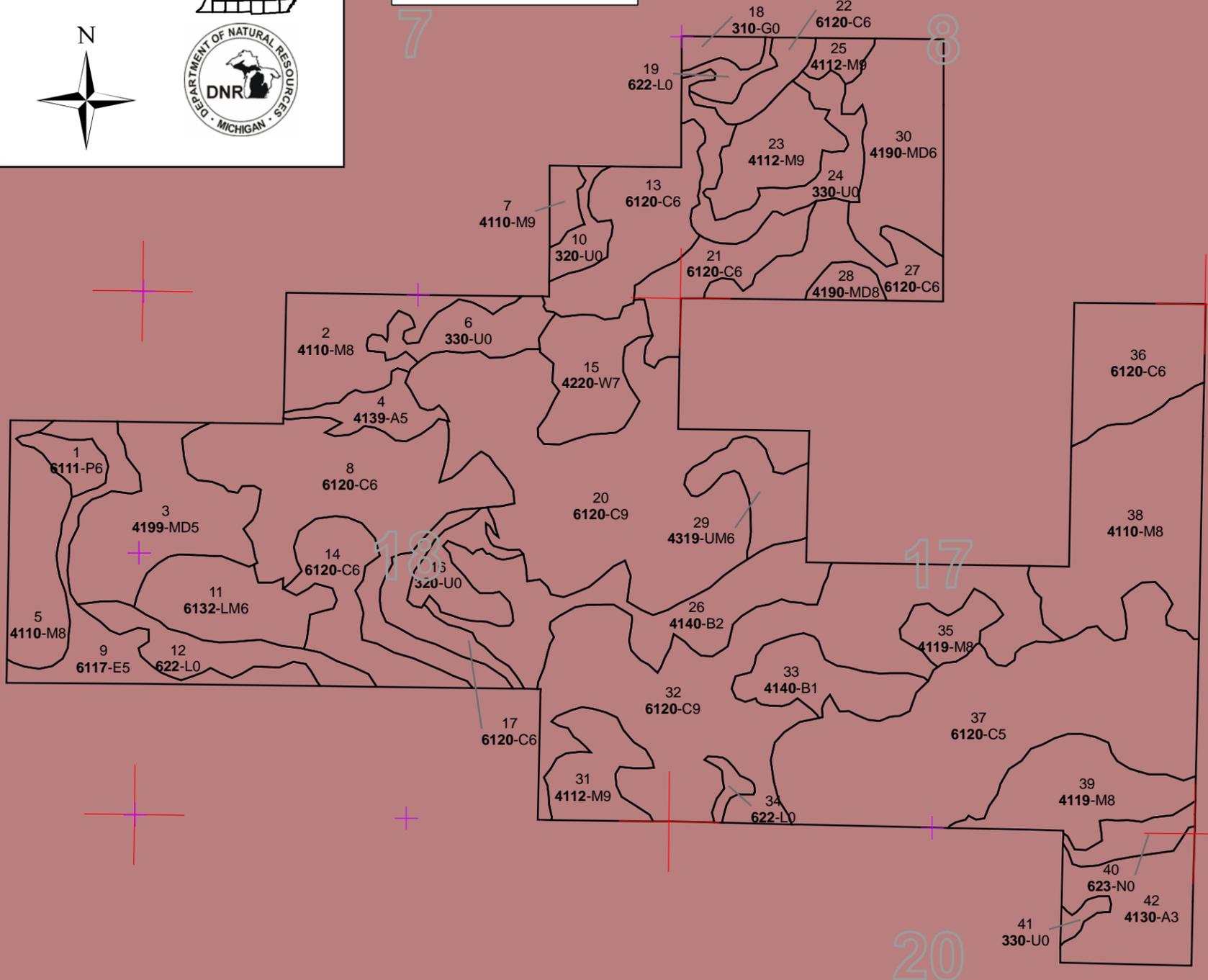
Compartment: 065
 T41N R25W
 07 08 17 18 20
 County: Menominee
 Unit: Escanaba
 YOE: 2014
 Acres: 1,236 GIS Calculated
 Examiner: Not Entered
 Map Revised: 07/19/2012
 Map Phase: Pre-Review



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

Legend

- Miris Corners
- + Remonumented Section Corners
- Stand Boundaries
- Proposed Special Conservation Areas
- ▨ SCA - Special Conservation Area
- ▩ SCA Removal
- Dedicated Special Conservation Areas
- Deer Wintering Areas
- Forest Stands
- Level 3
- 411 - Northern Hardwood
- 413 - Aspen Types
- 414 - Other Upland Deciduous
- 419 - Mixed Upland Deciduous
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- Level 3
- 310 - Herbaceous Openland
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- 330 - Low-Density Trees
- 622 - Lowland Shrub
- 623 - Emergent Wetland



87°30'0"W 87°29'0"W 87°28'0"W 87°27'0"W 87°26'0"W

45°58'0"N

45°57'0"N

45°58'0"N

45°57'0"N