



**Escanaba Forest Management Unit
Compartment Review Presentation
Compartment 64 Entry Year: 2012
Compartment Acreage: 412 County: Menominee**

Revision Date: August 25, 2010

Stand Examiner: Joe Durbin, Forester, FMD; Bill Rollo and Craig Albright, Wildlife Division

Legal Description: T33N R26W Sections 8 and 9.

Identified Planning Goals: Green Bay Lake Plain

Management Goals: This compartment lies 12 miles southeast of Stephenson, Michigan in southern Menominee County and within Eco-Region 8.1—Green Bay Lake Plain. No treatments are prescribed for this entry. Most of the compartment is lowland cedar and swamp conifer cover types, and the upland hardwood stands have been treated in the past several entries and require no treatments this entry.

Soil and Topography: Topography is nearly level with a few gently rolling eskers lying southwest to northeast. The lowland soils are primarily poorly-drained muck and peat while the eskers are well-drained loams. The major soil series are Lupton, Cathro, Tawas, Nadeau, Onaway and Solona.

Ownership Patterns, Development, and Land Use in and Around the Compartment: This compartment is well-blocked with a lone forty acre parcel lying one half mile east of the main block. There are no private in-holdings in the main block. Private landowners north of the main block use the North-South road to access their property. Private land near this compartment is used mainly for farming and recreation--hunting, trapping, ORV riding, and fishing. Several private landowners reside near the compartment. However, most landowners are absentee owners.

Unique, Natural Features: The Michigan Natural Features Inventory GIS layer indicates that no known element occurrences are within or near this compartment.

Archeological, Historical, and Cultural Features: None are known within the compartment.

Special Management Designations or Considerations: None.

Watershed and Fisheries Considerations: Bailey Creek flows southeasterly through the southern portions of sections 8 and 9. No other major water bodies lie within this compartment.

Wildlife Habitat Considerations: This very small compartment is essentially a cedar swamp bisected by a narrow ridge of northern hardwood and aspen. No treatments are recommended. The compartment will continue to provide habitat for conifer-associated wildlife.

Mineral Resource and Development Concerns and/or Restrictions: This compartment has not been previously leased for metallic exploration. No economic oil and gas production has been found in the UP.

Vehicle Access: Access to the main block of ownership in this compartment is from the south via a north-south county gravel road (K Road) which is off the county-paved Million Dollar Road. There is no legal

access to the lone forty in section 9. Gated poor dirt roads through the surrounding private lands access this forty.

Survey Needs: None are required for this entry.

Recreational Facilities and Opportunities: No developed recreational facilities exist within this compartment. Popular recreation in the area includes hunting, trapping and nature walks. The potential for developed recreational activities within this compartment is limited.

Fire Protection: The compartment is a low risk for wildfire due to the current timber types and extent of poorly drained soils. However, if wildfires do occur, access to the main block is from Million Dollar Road and K Road. Access to the lone forty is through a locked gate and private property off K Road.

Additional Compartment Information: The SESE of section 9 is recommended for disposal due to lack of legal access.

➤ **The following reports from the Inventory are attached:**

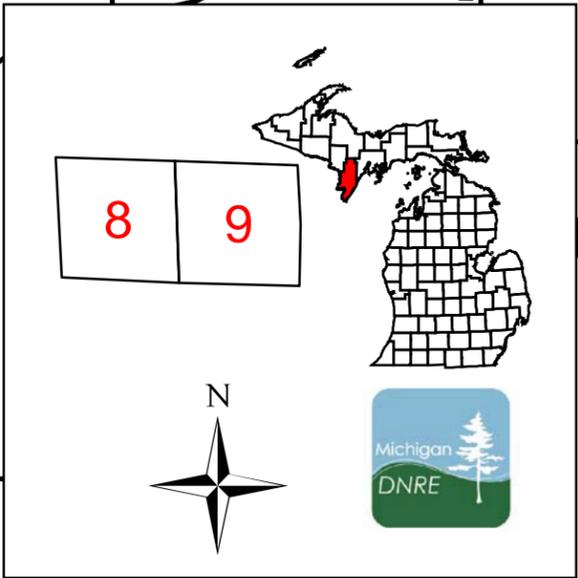
- ◆ **Total Acres by Cover Type and Age Class**
- ◆ **Proposed Treatment Summary**
- ◆ **Proposed Treatments – No Limiting Factors**
- ◆ **Proposed Treatments – With Limiting Factors**
- ◆ **Stand Details (Forested and Nonforested)**
- ◆ **Dedicated and Proposed Special Conservation Areas**

➤ **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**

Cover Type & Treatment Map

Compartment 064
 T33N, R26W, Sec. 08, 09
 County: Menominee
 Unit: Escanaba
 YOY: 2012
 Acres: 412 GIS Calculated
 Stand Examiner: Joe Durbin
 Map Revised: 6/25/2010
 Map Phase: Pre-Review



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

Legend

- Miris Corners
- Paved Roads
- - County Gravel Roads
- = = Gravel Roads
- - Poor Dirt Roads

Forest Stands

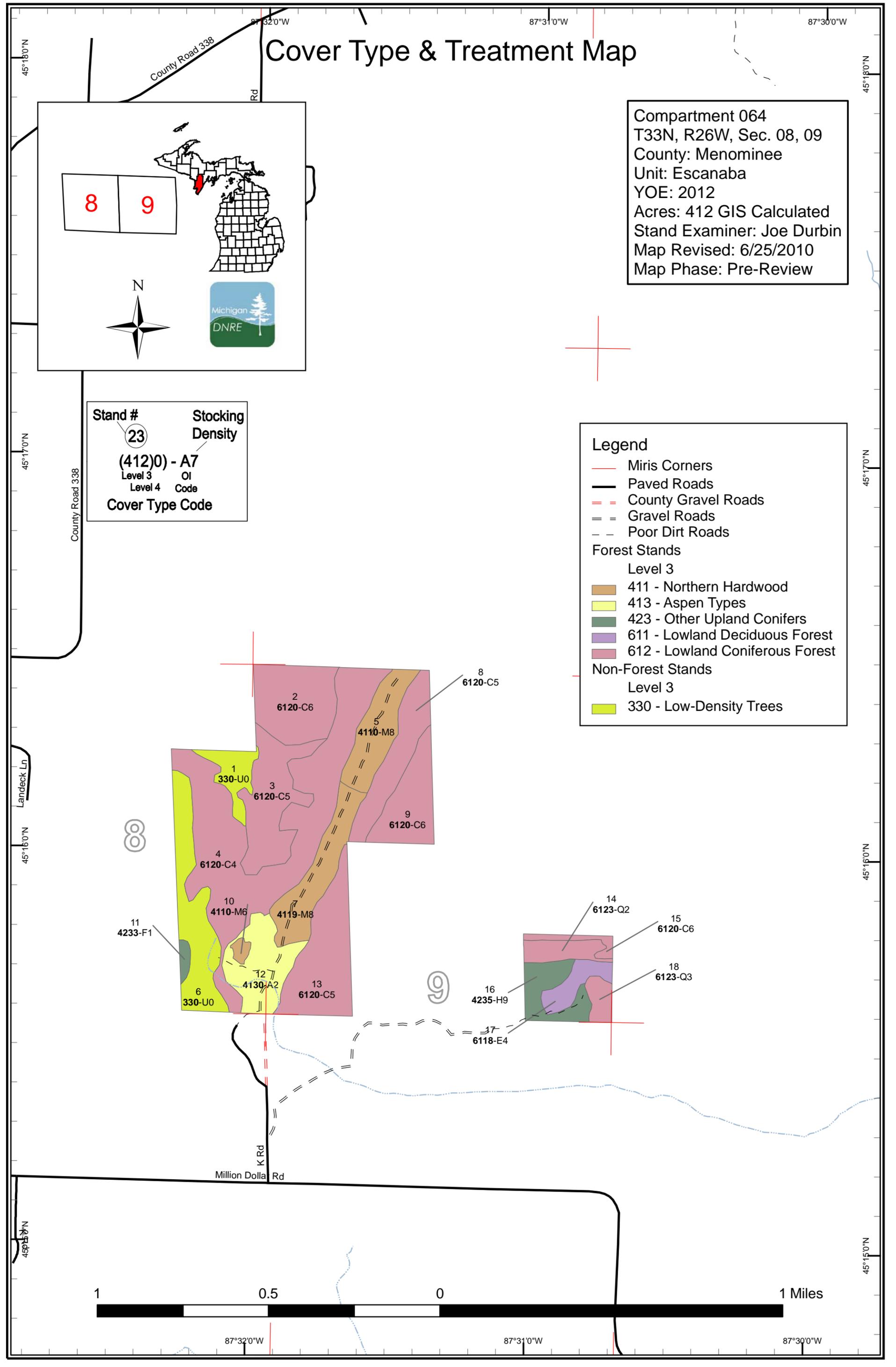
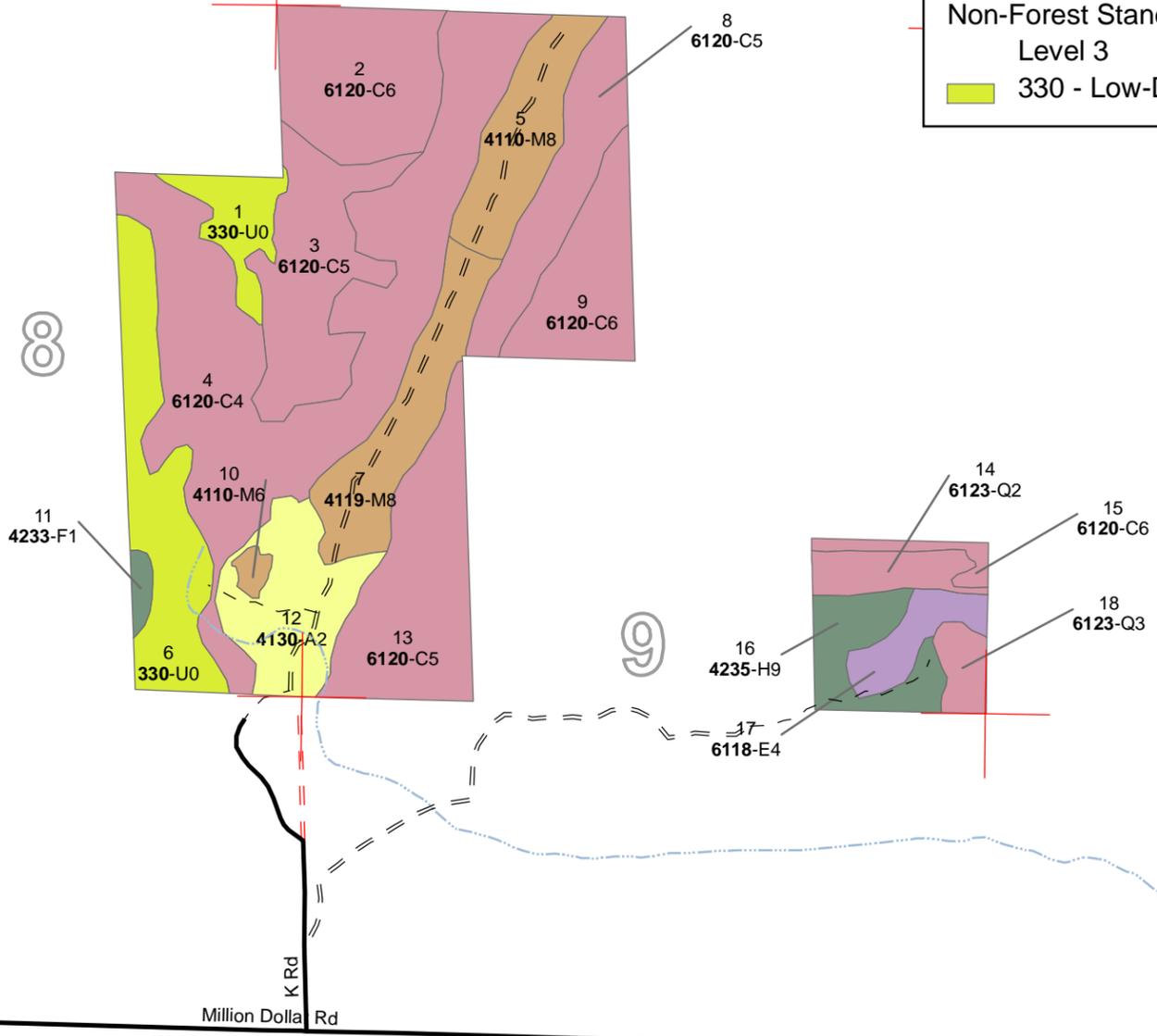
Level 3

- 411 - Northern Hardwood
- 413 - Aspen Types
- 423 - Other Upland Conifers
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest

Non-Forest Stands

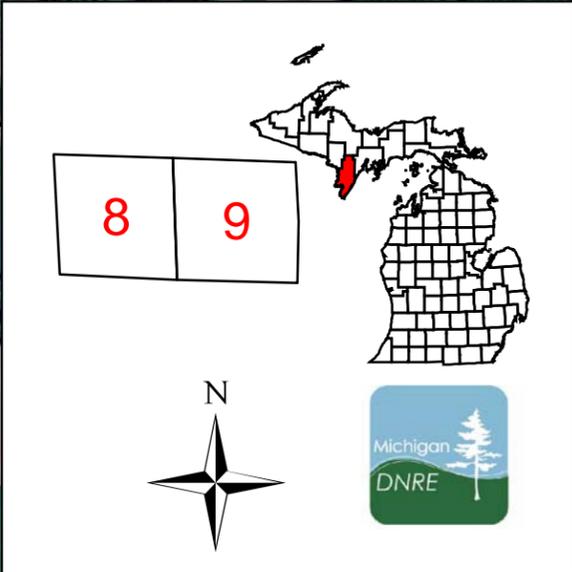
Level 3

- 330 - Low-Density Trees

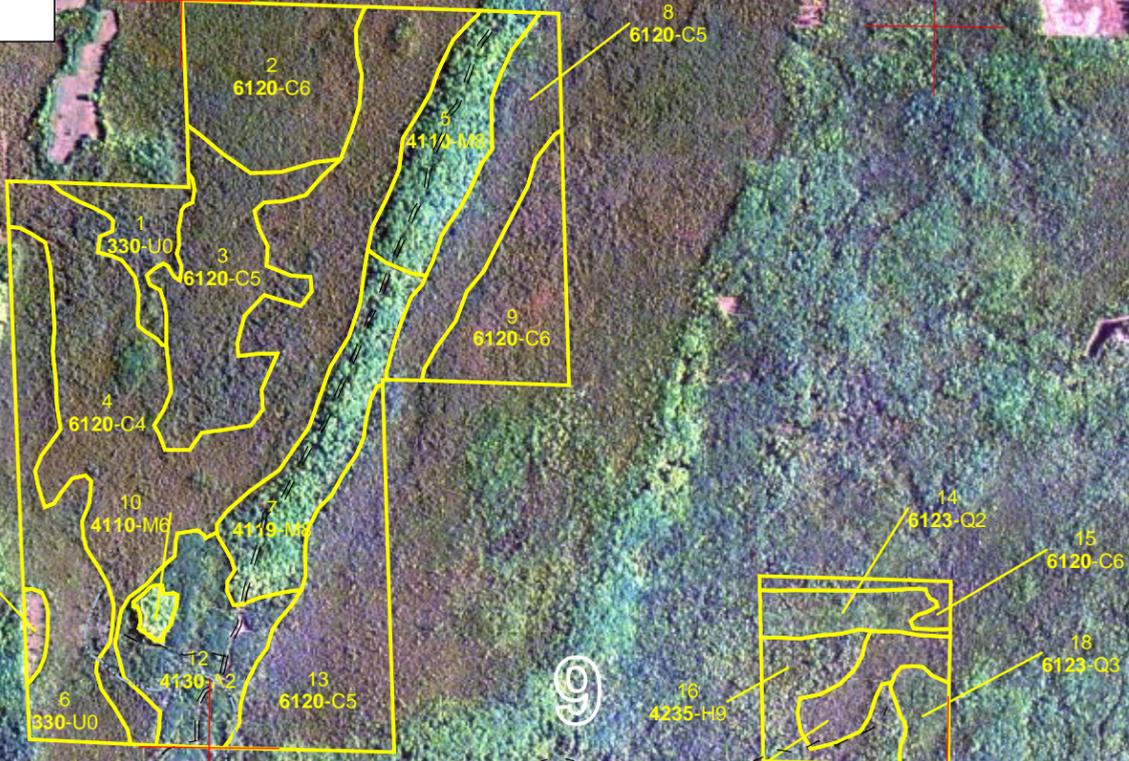


Stand Boundary Map

Compartment 064
 T33N, R26W, Sec. 08, 09
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Stocking Density
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- Legend**
- Miris Corners
 - Paved Roads
 - County Gravel Roads
 - Gravel Roads
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 - Stand Boundaries
- Forest Stands**
- Level 3
 - 411 - Northern Hardwood
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- Non-Forest Stands**
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 - 330 - Low-Density Trees



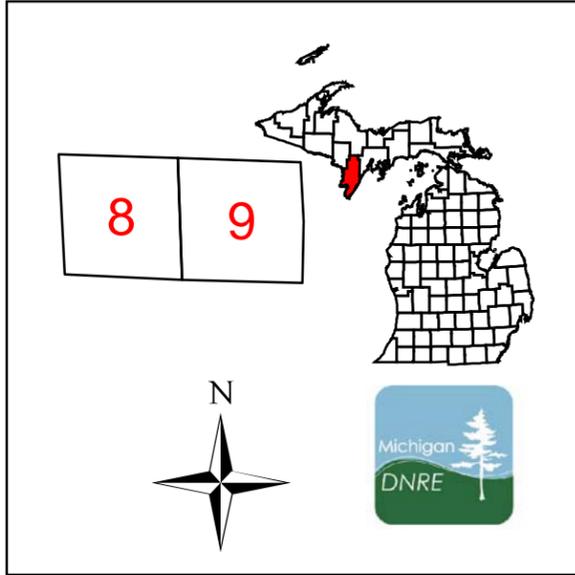
87°33'0"W

87°32'0"W

87°31'0"W

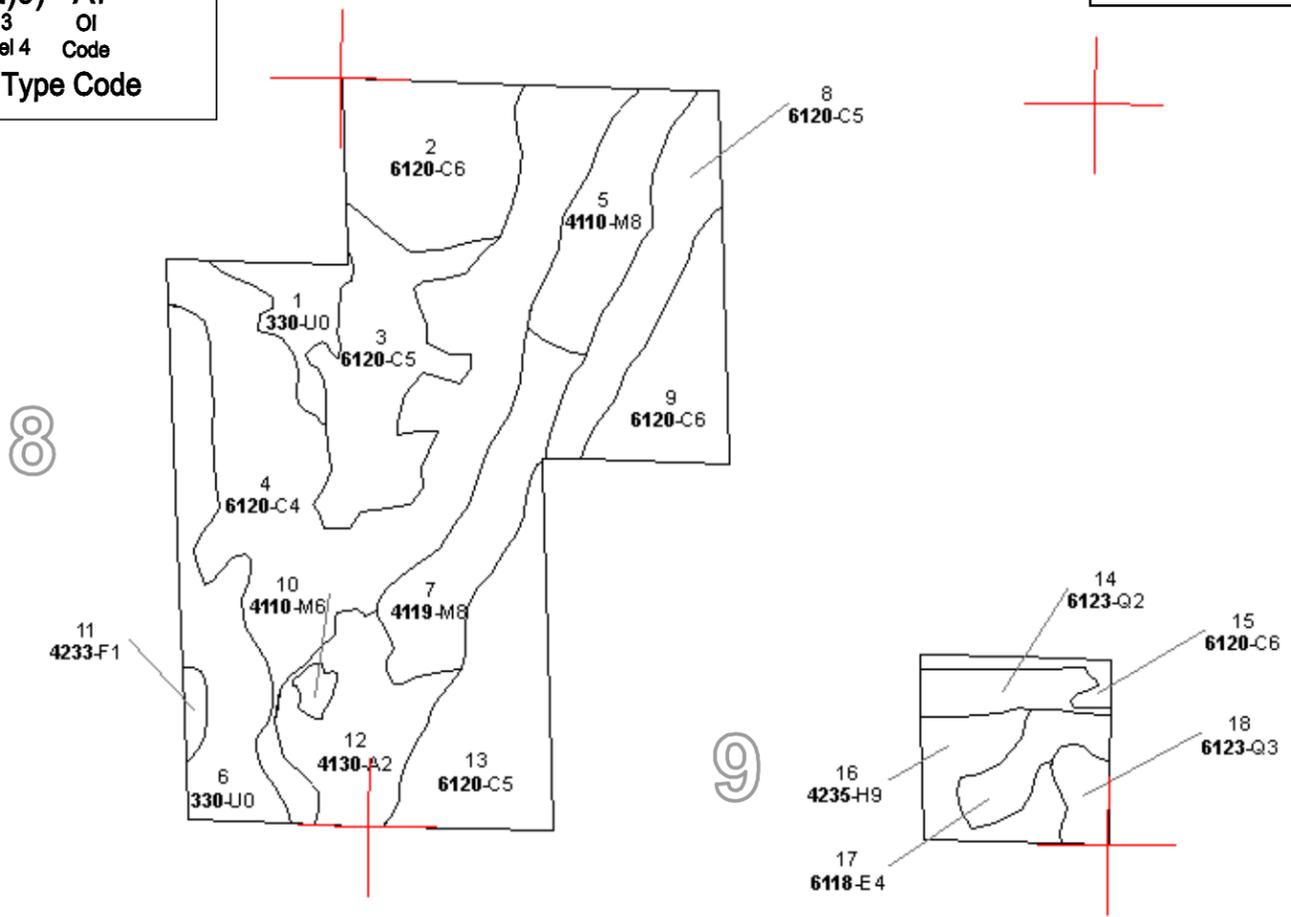
Dedicated & Proposed Special Conservation Area Map

Compartment 064
 T33N, R26W, Sec. 08, 09
 County: Menominee
 Unit: Escanaba
 YOE: 2012
 Acres: 412 GIS Calculated
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Stand #
 23
Stocking Density
 (412)0 - A7
 Level 3 OI
 Level 4 Code
Cover Type Code

Legend
 — Miris Corners
 □ Stand Boundaries



45°17'0"N

45°17'0"N

45°16'0"N

45°16'0"N

45°15'0"N

45°15'0"N



87°32'0"W

87°31'0"W

87°30'0"W



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.

Data updated before 10:00 AM

Stand	SCA Type	SCA Name	Acres	Comments
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Stand	Cover Type	Acres	Gen Cmts:
1	3302 - Low Density Conifer Trees	10.5	very wet site; occasionally pockets of cattails.
6	3302 - Low Density Conifer Trees	32.8	very wet. Low density trees with lots of tag alder. Scattered tamarack, cedar, black spruce and paper birch. ground cover mostly sedge with areas of cattails, red-osier dogwood and tag alder.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
2	6120 - Lowland Cedar	High Density Pole	32.0	74	171-200	mostly good quality cedar stand with some tamarack and black spruce in overstory. cedar mostly 2-3 s/t and T and S 4 s/t. Some pockets are excellent quality cedar mixed with tamarack and other areas are more Q or T types but too small to map.
3	6120 - Lowland Cedar	Medium Density Pole	33.1	97	171-200	mostly 1-2 stick/tree cedar with scattered tamarack and black spruce. some areas have more tamarack than cedar but are too small to map.
4	6120 - Lowland Cedar	Low Density Pole	100.3	95		very wet site. stand is mostly wind-blown and leaning cedar with 1-2 sticks/tree and sweep. tag alder is fairly thick. Occasional pocket of cedar not leaning. There are several 1-2 acre islands of high ground with paper birch and a cedar subcanopy. One island is in the north portion of the stand and another is in the west portion.
5	4110 - Sugar Maple Association	Medium Density Log	22.1	80	111-140	Fir sub-canopy mostly along the east and west edges where the ridge transitions to the swamp, but occasionally there are pockets in the interior. most of the hazel is in the interior of the stand. Balsam fir is about the only successful tree regeneration. Sedge ground cover could present problems for hardwood regeneration. Other minor species includes beech, paper birch, hemlock and balsam fir.
7	4119 - Mixed Northern Hardwoods	Medium Density Log	25.8	82	81-110	Stand density varies. Stand is mostly red maple mixed with other hardwood species. Balsam fir regeneration dominates understory. Other minor species include black cherry, hemlock and balsam fir.
8	6120 - Lowland Cedar	Medium Density Pole	23.3	124	141-170	Walked through tall and straight cedar stand about 2 chains wide at the base of the hardwood ridge. Further from the ridge the ground is much wetter and the trees are leaning or wind blown over and have considerable sweep.
9	6120 - Lowland Cedar	High Density Pole	23.1	124	141-170	Mostly cedar stand with minor component of tamarack, however some areas are 60% tam but are too small to map. Very wet ground. Many tip-outs and wind-blown trees. Most cedar is 1-2 sticks with considerable sweep.
10	4110 - Sugar Maple Association	High Density Pole	1.9	80		
11	42330 - Upland Fir	Low Density Sapling	2.1	15		Fir and white spruce seeding in. Stand is about 35% occupied.
12	4130 - Aspen	Medium Density	25.0	23		Mostly high ground with some low areas. Some areas are well stocked and some are more open.
13	6120 - Lowland Cedar	Medium Density Pole	37.9	105	51-80	very wet site, lots of tag alder.
14	6123 - Lowland Fir	Medium Density	8.9	30		Area has been strip cut and treated in 1968 and 1982. One narrow E-W uncut strip of the original C6 stand lies in the northwestern portion of the stand. Other minor seedling/sapling species are cedar and tamarack.

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Escanaba Mgt. Unit

5 – Forested Stands

Compartment: 064

Data updated before 10:00 AM

Year of Entry: 2012



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
15	6120 - Lowland Cedar	High Density Pole	3.8	94		Uncut strip of C6 along north edge of property.
16	42350 - Upland Hemlock	High Density Log	14.1	90	171-200	Stand is mostly hemlock type with pockets of low ground cedar type.
17	6118 - Lowland Deciduous with Cedar	Low Density Pole	9.1	94		very wet site. Black ash swale with lots of tag alder and scattered poor quality cedar and tamarack. Other minor species include red maple and paper birch.
18	6123 - Lowland Fir	High Density Sapling	5.6	32		Nicely regenerated fir stand. Site is mostly lowland with ares of higher sandy ground. Even some 3-5 foot tall cedar regeneration.



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Data updated before 10:00 AM

Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
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Prescription
Specs:

Other
Comment:

Next
Steps:

Limiting Factor and No
Treatment Reason

**Total Treatment
Acreage Proposed: 0**



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Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
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#Error

Prescription
Specs:

Other
Comments:

Next
Steps:

Total Treatment
Acreage Proposed: 0



Table 2 – Proposed Treatment Summaries

Data updated before 10:00 AM

Escanaba Mgt. Unit
Year of Entry 2012

Compartment 064
Total Compartment Acres: 411.6

Acres by Treatment Type

Commercial Harvest - 0	Site Prep - 0	Tree Planting - 0	Prescribed Burn - 0	Other - 0
Habitat Cut - 0	Opening Maintenance - 0	Tree Seeding - 0	Pesticide - 0	

Cover Type by Harvest Method

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

Table 1 – Total Acres by Cover Type and Age Class

Data updated before 10:00 AM



	Age Class														Total	
	Non-Forested	1-9	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	0	25	0	0	0	0	0	0	0	0	0	0	0	25
Cedar	0	0	0	0	0	0	0	0	32	0	137	38	0	46	0	254
Hemlock	0	0	0	0	0	0	0	0	0	0	14	0	0	0	0	14
Low-Density Trees	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43
Lowland Conifers	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	14
Lowland Deciduous	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	9
Northern Hardwood	0	0	0	0	0	0	0	0	0	50	0	0	0	0	0	50
Upland Spruce/Fir	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	43	0	2	25	14	0	0	0	32	50	160	38	0	46	0	412



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.

Data updated before 10:00 AM

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

Conservation Area	Type	Description
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