



**Gwinn Forest Management Unit
Compartment Review Presentation
Compartment #094 Entry Year: 2012
Compartment Acreage: 1363 County: Marquette**

Revision Date: July 19, 2010

Stand Examiner: Kevin LaBumbard

Legal Description: T44N R21W Section(s) 22-25, 36

Identified Planning Goals ('Management Area' or 'RMU', if applicable): Chatham/Autrain Moraines MA.

Management Goals: Located just a few miles south of Gwinn, this compartment contains a variety of timber types and is a very popular recreational area, primarily for hunting. Management goals of the scheduled hardwood stands are to improve stem quality and diameter class distribution while maintaining species diversity, conifer content, and den trees. One aspen stand is scheduled and currently under contract. All harvest plans will also include considerations for conifer retention, coarse woody debris, and BMP's, with all hemlock, cedar, and white pine to be retained where present. We will retain all species represented and all size classes including the large legacy trees. Special Conservation Area stands are included along the Dexter Creek and Whitefish River drainages to protect and enhance the riparian values and wildlife travel corridors.

Soil and Topography: Geological features included moraines and till plains in the uplands and glacial drainageways in the lowlands. Soils are well drained loams, very poorly drained mucks and poorly drained loams. Major soil associations include Trenary, Chatham, Carbondale, and Emmet.

Ownership Patterns, Development, and Land Use in and Around the Compartment: This compartment is surrounded by a mix of nonindustrial private land to the west, corporate land to the south and east, State land to the north, and the Hiawatha National Forrest on the southeast.

Unique, Natural Features: Potential for northern goshawk, red-shouldered hawk, spruce grouse, and black-backed woodpecker. Potential for eagle, osprey, and great blue heron rookery. Potential for moose and wolf. Potential for frigga fritillary, freija fritillary and red-disked alpine in bogs. Potential for wood turtle. Potential for auricled tway-blade, veiny meadow rue, western dock, Farwell's water-milfoil, alternate leaved water-milfoil, and linear-leaved gentian along riparian areas. Potential for calypso orchid, rayless mountain ragwort, and ram's head lady's-slipper in conifer swamps.

Archeological, Historical, and Cultural Features: None identified with HAL

Special Management Designations or Considerations: Special Conservation Area stands 22,24,25,27,28.

Watershed and Fisheries Considerations: Dexter Creek, East Branch of the Whitefish River.

Wildlife Habitat Considerations: This compartment lies within the Chatham/AuTrain Moraines Management Area. In Special Conservation Areas, maintain movement corridors for wildlife species and the protection of riparian areas. Promote biological legacies such as old forest characteristics in the form of snags, coarse woody debris, and intact nutrient cycles. Maintain or increase biodiversity in northern

hardwood stands through retention of associate species. In stands scheduled to treat this entry period, maintain conifer cover in transitional zones as well as wildlife movement corridors

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist primarily of medium-textured glacial till and minor peat and muck and glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 0 and 50 feet. The Ordovician Trenton Group subcrops below the glacial drift. The Trenton is quarried for stone/dolomite elsewhere in the UP. Gravel pits are located within the compartment, and potential appears to be good in the upland areas. This compartment has never been leased. There is no economic oil and gas production in the UP.

Vehicle Access: Vehicle access is very good from west Alger County's June Road, with several good dirt roads and 2-tracks throughout the compartment.

Survey Needs: None at this time.

Recreational Facilities and Opportunities: Good trout fishing in Dexter Creek. Fishing and canoeing on the Whitefish River. Very good grouse, woodcock and deer hunting.

Fire Protection: There is a low risk of wildfire in this compartment.

Additional Compartment Information:

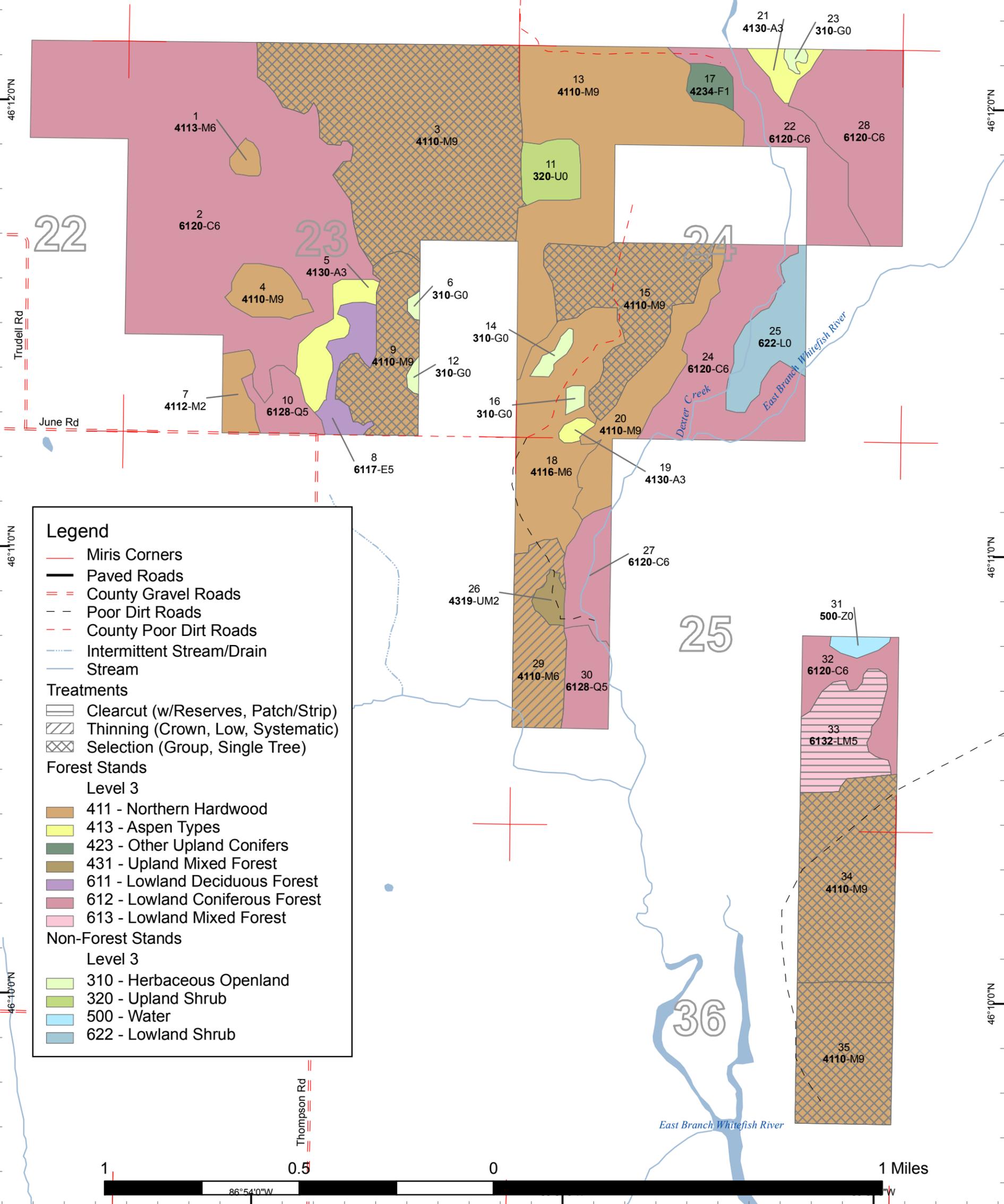
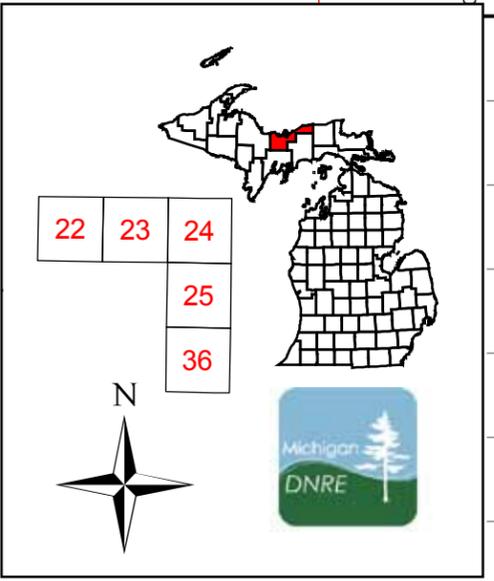
- **The following reports from the Inventory are attached:**
 - ◆ **Total Acres by Cover Type and Age Class**
 - ◆ **Proposed Treatment Summary**
 - ◆ **Proposed Treatments – No Limiting Factors**
 - ◆ **Proposed Treatments – With Limiting Factors**
 - ◆ **Stand Details (Forested and Nonforested)**
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

Cover Type & Treatment Map

Compartment 94
 T44N, R21W, Sec. 22-25, 36
 County: Alger
 Unit: Gwinn
 YOE: 2012
 Acres: 1,363 GIS Calculated
 Stand Examiner: Kevin LaBumbard
 Map Revised: 8/30/2010
 Map Phase: Pre-Review

Stand #
 23
Stocking Density
 (4120) - A7
 Level 3 OI
 Level 4 Code
Cover Type Code



Legend

- Miris Corners
- Paved Roads
- County Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Intermittent Stream/Drain
- Stream

Treatments

- Clearcut (w/Reserves, Patch/Strip)
- Thinning (Crown, Low, Systematic)
- Selection (Group, Single Tree)

Forest Stands

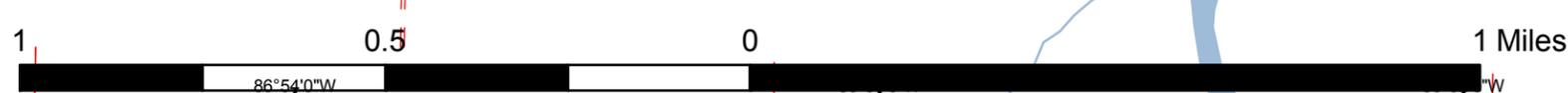
Level 3

- 411 - Northern Hardwood
- 413 - Aspen Types
- 423 - Other Upland Conifers
- 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
- 500 - Water
- 622 - Lowland Shrub



Stand Boundary Map

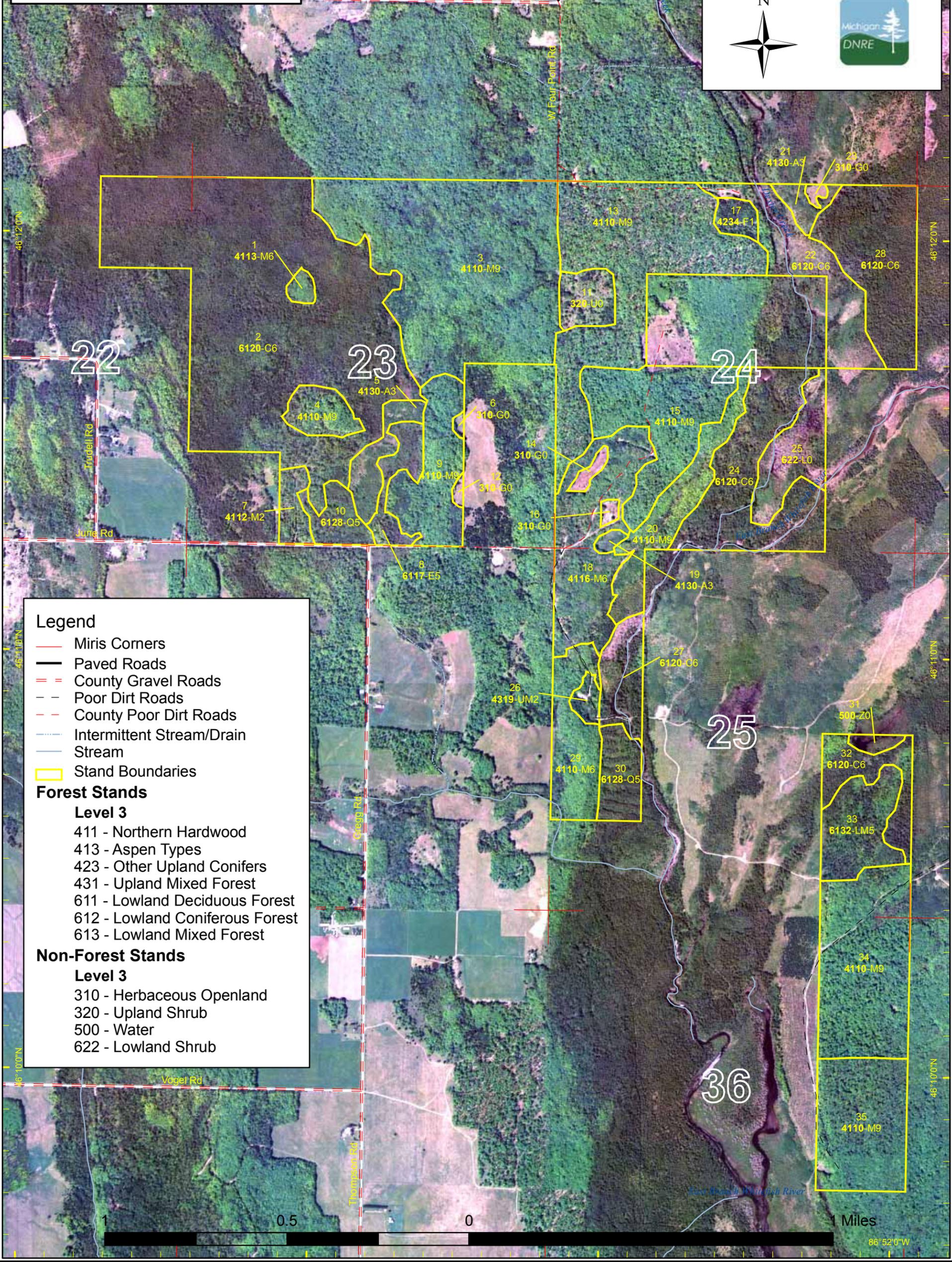
Compartment 94
 T44N, R21W, Sec. 22-25, 36
 County: Alger
 Unit: Gwinn
 YOE: 2012
 Acres: 1,363 GIS Calculated
 Stand Examiner: Kevin LaBumbard
 Map Revised: 8/30/2010
 Map Phase: Pre-Review

Stand #
 23
Stocking Density
 (4120) - A7
 Level 3 OI
 Level 4 Code
Cover Type Code

22	23	24
	25	
	36	

N

 Michigan
 DNRE



Legend

- Miris Corners
- Paved Roads
- County Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Intermittent Stream/Drain
- Stream
- Stand Boundaries

Forest Stands

Level 3

- 411 - Northern Hardwood
- 413 - Aspen Types
- 423 - Other Upland Conifers
- 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
- 500 - Water
- 622 - Lowland Shrub



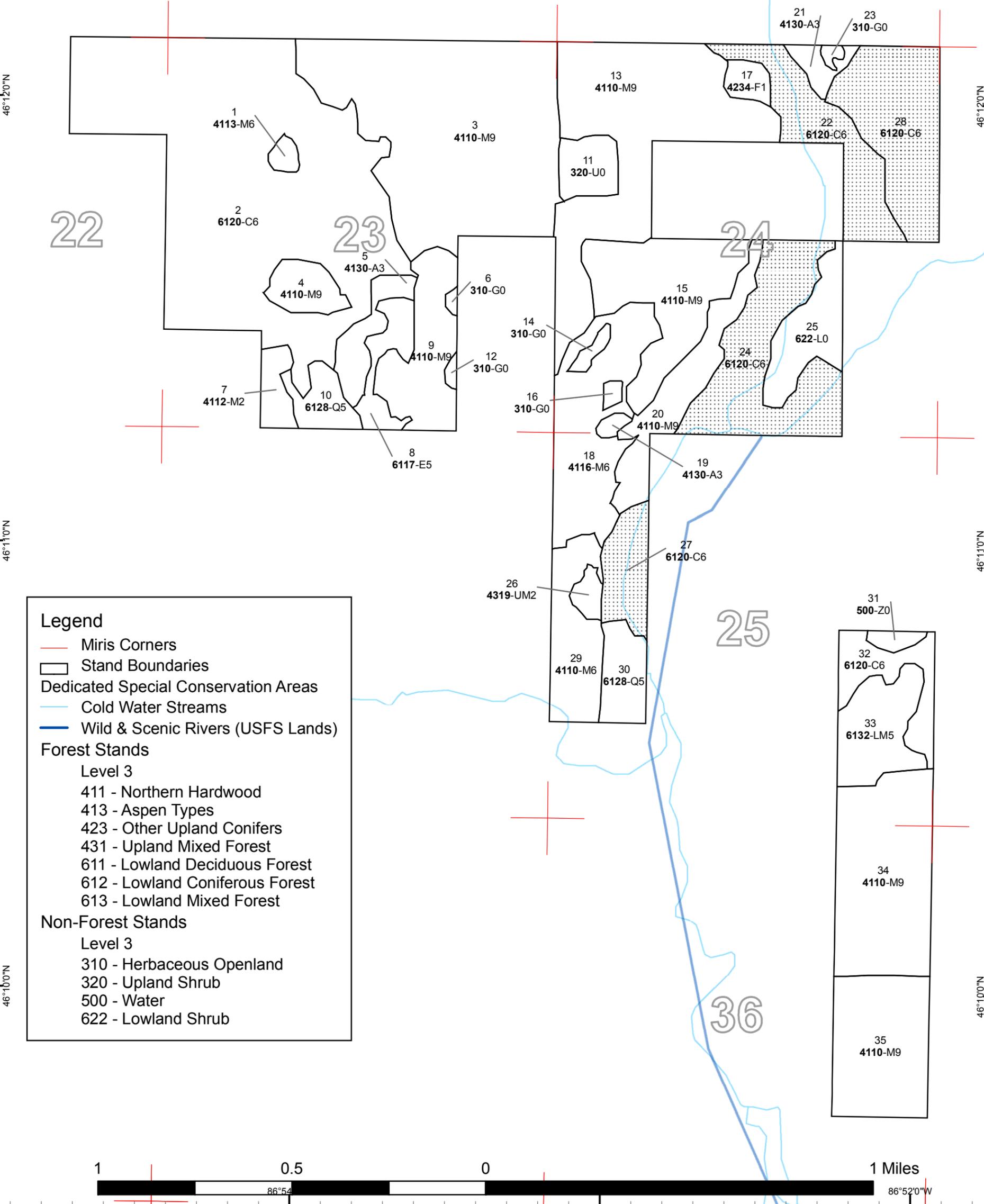
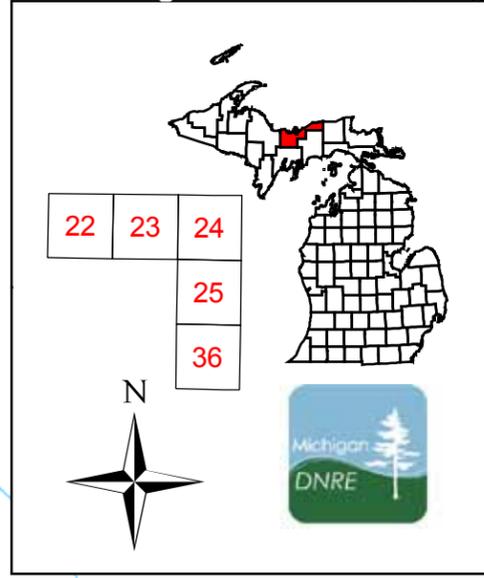
86°52'0"W

Dedicated & Proposed Special Conservation Area Map

86°52'0"W

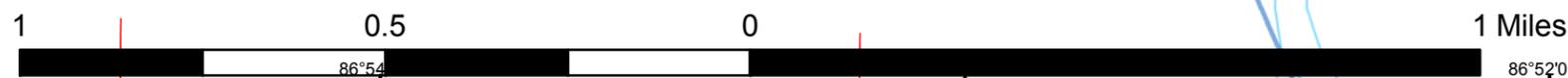
Compartment 94
 T44N, R21W, Sec. 22-25, 36
 County: Alger
 Unit: Gwinn
 YOE: 2012
 Acres: 1,363 GIS Calculated
 Stand Examiner: Kevin LaBumbard
 Map Revised: 8/30/2010
 Map Phase: Pre-Review

Stand # **23** Stocking Density
(4120) - A7
 Level 3 OI
 Level 4 Code
Cover Type Code



Legend

- Miris Corners
- Stand Boundaries
- Dedicated Special Conservation Areas
- Cold Water Streams
- Wild & Scenic Rivers (USFS Lands)
- Forest Stands
 - Level 3
 - 411 - Northern Hardwood
 - 413 - Aspen Types
 - 423 - Other Upland Conifers
 - 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
 - 500 - Water
 - 622 - Lowland Shrub



86°54'

86°52'0"W

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 +		Unrelen Age
Aspen	0	0	25	0	0	0	0	0	0	0	0	0	0	0	0	25
Cedar	0	0	0	0	0	0	0	0	0	0	497	0	0	0	0	497
Herbaceous Openland	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	32	0	0	0	0	32
Lowland Deciduous	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	15
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	33	0	0	0	0	33
Lowland Shrub	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28
Northern Hardwood	0	0	0	0	0	0	62	0	0	324	297	0	0	0	10	693
Upland Mixed Forest	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5
Upland Shrub	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Upland Spruce/Fir	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	7
Water	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Total	56	0	33	5	0	0	62	0	0	339	858	0	0	0	10	1363



Table 2 – Proposed Treatment Summaries

Data updated before 10:00 AM

Gwinn Mgt. Unit
Year of Entry 2012

Compartment 094
Total Compartment Acres: 1363

Acres by Treatment Type

Commercial Harvest - 481	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
Lowland Mixed Forest	33	0	0	0	0	0	33
Northern Hardwood	0	414	0	0	34	0	448
Total	33	414	0	0	34	0	481



Data updated before 10:00 AM

S
t
a
n
d

Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
3 32094003-Cut	174.5	4110 - Sugar Maple Association	High Density Log	81	Harvest	Single Tree Selection	Sugar Maple Association	Cmpt. Review Proposal
<u>Prescription</u> Select cut the stand, concentrating in the poletimber class. Retain most of the cherry, and basswood while removing most of the aspen and fir								
<u>Specs:</u> component. Mark to a residual BA of 80.								
<u>Other</u> Sugar maple and basswood 5 stick pole stand with scattered aspen and fir andh occassional cherry. Approximately 10 ba of 1 stick sawtimber								
<u>Comments:</u> trees. Rolling terrain with ridges. Sugar maple saplings are well established from the previous harvest.								
<u>Next</u> Check regeneration per certification requirements.								
<u>Steps:</u>								
9 32094009-Cut	39.9	4110 - Sugar Maple Association	High Density Log	81	Harvest	Single Tree Selection	Sugar Maple Association	Cmpt. Review Proposal
<u>Prescription</u> Select cut the stand concentrating on stem quality and spacing while retaining diversity and wildlife attributes.								
<u>Specs:</u>								
<u>Other</u> Sugar maple and basswood sawlog stand with excellent regeneration from the previous harvest in 1979. There is a strong fir sapling component,								
<u>Comments:</u> especially in the northern section of the stand. The stand also contains a few yellow birch and fir. Mark to a residual BA of 80.								
<u>Next</u> Check regeneration per certification requirements.								
<u>Steps:</u>								
15 32094015-Cut	60.8	4110 - Sugar Maple Association	High Density Log	81	Harvest	Single Tree Selection	Sugar Maple Association	Cmpt. Review Proposal
<u>Prescription</u> This stand will be scheduled for a selection harvest to improve overall stand quality yet retain species diversity, conifer content, and wildlife								
<u>Specs:</u> attributes. Mark to an average residual BA of 80.								
<u>Other</u> Treated in 1993 under contract #30-92-01. High quality sugar maple and basswood poletimber stand with 4-5 stick poles and 1-2 log sawtimber								
<u>Comments:</u> trees. Areas of good maple regeneration from the last treatment. The stand also contains a few cherry, yellow birch, and hemlock. Hilly, rolling terrain that drops off sharply to the east.								
<u>Next</u> Monitor regeneration according to certification requirements.								
<u>Steps:</u>								
29 32094029-Cut	34.4	4110 - Sugar Maple Association	High Density Pole	81	Harvest	Crown Thinning	Sugar Maple Association	Cmpt. Review Proposal
<u>Prescription</u> Mark the stand to 75-80 BA concentrating on removing twins, low forks, and poorly developed crowns. Maintain as much species diversity as								
<u>Specs:</u> possible.								
<u>Other</u> Primarily an even-aged sugar maple stand with basswood and an occasional red maple and yellow birch. Balsam fir regen is present in pockets								
<u>Comments:</u> and along the frindge.								
<u>Next</u> Review treatment results in 10 years.								
<u>Steps:</u>								
33 32094033-Cut	32.8	6132 - Mixed Lowland Forest with Cedar	Medium Density Pole	93	Harvest	Clearcut with Reserves	Aspen, Mixed Conifer	Cmpt. Review Proposal
<u>Prescription</u> This stand was prepped in 2001, currently under contract (022-09-01).								
<u>Specs:</u>								
<u>Other</u> It consists of low, wet aspen, balm, cedar, fir, spruce, and black ash.								
<u>Comments:</u>								
<u>Next</u> Monitor for regeneration per certification requirements.								
<u>Steps:</u>								
34 32094034-Cut	81.2	4110 - Sugar Maple Association	High Density Log	93	Harvest	Single Tree Selection	Maple, Beech, Cherry Association	Cmpt. Review Proposal
<u>Prescription</u> This stand will be scheduled for a selection harvest to improve overall stand quality yet retain species diversity, conifer content, and wildlife								
<u>Specs:</u> attributes.								
<u>Other</u> Good to high quality northern hardwood stand with a decent component of hemlock. Additional species include basswood, yellow birch, cherry,								
<u>Comments:</u> elm, and super canopy white spruce. The stand also contains large diameter snag trees, and a good maple regeneration.								
<u>Next</u> Monitor regeneration per certification guidelines.								
<u>Steps:</u>								

S
t
a
n
d

Data updated before 10:00 AM

	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
35	32094035-Cut	57.7	4110 - Sugar Maple Association	High Density Log	93	Harvest	Single Tree Selection	Maple, Beech, Cherry Association	Cmpt. Review Proposal

Prescription: Stand is currently under contract to LaFleur #22-09-01 was originally assigned to Maule in 2002.

Specs:

Other Comments: The stand consists of hard maple, cherry, and red maple poles and sawtimber with scattered hemlock.

Next Steps: Monitor regeneration per certification requirements.

**Total Treatment
Acreage Proposed: 481.2**

S
t
a
n
d

Data updated before 10:00 AM

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

#Error

Prescription
Specs:

Other
Comment:

Next
Steps:

Limiting Factor and No
Treatment Reason

Total Treatment
Acreage Proposed: 0

Data updated before 10:00 AM

**Out of YOE -- Treatments
Prescribed with No Limiting Factor**

Year of Entry: 2012



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

Prescription
Specs:

Other
Comments:

Next
Steps:

**Total Treatment
Acreage Proposed: 0**



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	4113 - R.Maple, Conifer	High Density Pole	3.6	93		OI stand #6 Remote, small island of hardwood surrounded by a large swamp conifer stand.
2	6120 - Lowland Cedar	High Density Pole	278.5	93		Former OI stand 1. Q6C2. Most of the cedar is relatively small.
3	4110 - Sugar Maple Association	High Density Log	174.5	81	111-140	OI stand #8 Sugar maple and basswood 5 stick pole stand with scattered aspen and fir and occasional cherry. Approximately 10 ba of 1 stick sawtimber trees. Rolling, ridgy terrain. Sugar maple saplings are well established from the previous harvest.
4	4110 - Sugar Maple Association	High Density Log	14.2	81	81-110	Sugar maple pole stand with a few sawlog sized trees, including basswood. Scattered yellow birch and hemlock, especially on the west side of the stand. There is a good carpet of sugar maple seedlings but they are being heavily browsed repeatedly with most of the seedlings shorter than 2' tall.
5	4130 - Aspen	High Density Sapling	15.8	15		OI stand 18 Clearcut in 1994 under permit # 29-92-01. Some low areas with dogwood, spruce, and balsam but mostly upland.
7	4112 - Maple, Beech, Cherry Association	Medium Density	10.2	Uneven Age		OI stand # 15. The current stand consists of poor quality red maple over fir saplings, with occasional white spruce, sugar maple, hemlock, and cherry poles. The "shelterwood" harvest of the red maple in the early 90's has resulted in excellent fir regeneration with the stand converting to fir.
8	6117 - Lowland Deciduous, Mixed Coniferous	Medium Density Pole	15.3	84		OI stand # 11 Black ash swale with cedar. Typical E5.
9	4110 - Sugar Maple Association	High Density Log	39.9	81	111-140	OI stand 19. Sugar maple and basswood sawlog stand with excellent regeneration from the previous harvest in 1979. There is a strong fir sapling component, especially in the northern section of the stand. The stand also contains a few yellow birch and fir. Select cut the stand concentrating on stem quality and spacing while retaining diversity and wildlife attributes.
10	6128 - Lowland Coniferous, Mixed Deciduous	Medium Density Pole	13.7	93		Cedar strip cuts made in 1975. Most of the residual cedar strips have blowdown with approximately 50% of the cedar still standing. The clearcut strips have decent aspen and fir regeneration but no cedar.
13	4110 - Sugar Maple Association	High Density Log	119.2	93	51-80	OI stands 20 and 42. Select cut in 2004-5 under contract #22-02-01. Rolling terrain. High quality sugar maple stand.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
15	4110 - Sugar Maple Association	High Density Log	60.8	81	111-140	OI stand 38. Treated in 1993 under contract #30-92-01. High quality sugar maple and basswood poletimber stand with 4-5 stick poles and 1-2 log sawtimber trees. Areas of good maple regeneration from the last treatment. The stand also contains a few cherry, yellow birch, and hemlock. This stand will be scheduled for a selection harvest to improve overall stand quality yet retain species diversity, conifer content, and wildlife attributes. Hilly, rolling terrain that drops off sharply to the east.
17	42340 - Upland Spruce/Fir	Low Density Sapling	7.1	15		OI stand 405. Former wildlife opening filling in with spruce/fir. F2
18	4116 - Mixed N. Hardwood - Aspen	High Density Pole	61.6	55	51-80	OI stand 25 Poor quality hardwood stand that developed from stump sprout origin. The stand also incorporates an old opening which has filled in with cherry brush, aspen and soft maple. Higher concentration of aspen in the south.
19	4130 - Aspen	High Density Sapling	2.4	16		Cut in 1993 under contract #30-92-01.
20	4110 - Sugar Maple Association	High Density Log	35.3	93		OI stand 37. Essential the same stand as stand #15 but growing on a steep inoperable hillside, the old bank from outlet of Lake Duluth. It is a high quality sugar maple and basswood poletimber stand with 4-5 stick poles and 1-2 log sawtimber trees. The stand also contains a few cherry, yellow birch, and hemlock.
21	4130 - Aspen	High Density Sapling	7.2	19		Cut in 1991 with stand 34 of Compt. 96. 2"-4" aspen with scattered fir. Some willow in the wet areas.
22	6120 - Lowland Cedar	High Density Pole	43.7	93		
24	6120 - Lowland Cedar	High Density Pole	68.7	93		OI stand 28. Swamp conifer stand with some cedar and fir regeneration. Scattered hemlock.
26	4319 - Mixed Upland Forest	Medium Density	5.2	25		OI stand 76. Small fir stand mixed with aspen surrounding an old gravel pit.
27	6120 - Lowland Cedar	High Density Pole	21.7	93		OI stand 43. Mixed swamp conifers with tamarack. The Whitefish River flows thru this stand. SCA.
28	6120 - Lowland Cedar	High Density Pole	60.8	93		OI stand 26. Swamp conifer stand with some cedar and fir regeneration. Scattered hemlock.
29	4110 - Sugar Maple Association	High Density Pole	34.4	81	111-140	OI stand 45. Primarily an even-aged sugar maple stand with basswood and an occasional red maple and yellow birch. Balsam fir regen is present in pockets and along the fringed.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
30	6128 - Lowland Coniferous, Mixed Deciduous	Medium Density Pole	18.3	93		Cedar strip cuts made in 1975. Most of the residual cedar strips have blowdown with approximately 50% of the cedar still standing. The clearcut strips have decent aspen and fir regeneration but no cedar.
32	6120 - Lowland Cedar	High Density Pole	23.2	93		Swamp conifers with black ash and balm. Could almost call this stand an E type, especially on the north and west. Low and very wet.
33	6132 - Mixed Lowland Forest with Cedar	Medium Density Pole	32.8	93		OI stand 50. This stand was prepped in 2001, currently under contract (022-09-01). It consists of low, wet aspen, balm, cedar, fir, spruce, and black ash.
34	4110 - Sugar Maple Association	High Density Log	81.2	93	111-140	OI stand 54. Good quality northern hardwood stand with a good hemlock component of hemlock. Additional species include basswood, yellow birch, cherry, elm, and super canopy white spruce. The stand also contains large diameter snag trees, and a good maple regeneration. This stand will be scheduled for a selection harvest to improve overall stand quality yet retain species diversity, conifer content, and wildlife attributes.
35	4110 - Sugar Maple Association	High Density Log	57.7	93	111-140	OI stand 55. Stand is currently under contract to LaFleur #22-09-01 was originally assigned to Maule in 2002. The stand consists of hard maple, cherry, and red maple poles and sawtimber with scattered hemlock.



Stand	Cover Type	Acres	Gen Cmts:
6	3102 - Grass	1.1	Extreme western edge of a larger (private lands) grass opening.
11	3205 - Mixed Upland Shrub	14.8	Old natural grass opening filling in with cherry brush and fir along the edges.
12	3102 - Grass	1.4	Extreme western edge of a larger (private lands) grass opening.
14	3102 - Grass	3.2	Small grassy opening.
16	3102 - Grass	1.9	Old wildlife opening.
23	3102 - Grass	1.6	Old wildlife opening.
25	6220 - Alder/willow	28.3	
31	50 - Water	3.9	Beaver flooding



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
22	Unique Site - SCA	32094022	43.7	Swamp conifer stand with some cedar and fir regeneration. Scattered hemlock. Retain as a Special Conservation Area to protect the riparian and wildlife values along Dexter Creek.
24	Unique Site - SCA	32094024	68.7	Swamp conifer stand with some cedar and fir regeneration. Scattered hemlock. Former potential old growth designation, this stand should remain an SCA to protect the riparian values along The East Branch of the Whitefish River.
27	Unique Site - SCA	32094027	21.7	Mixed swamp conifers with tamarack. The Whitefish River flows thru this stand. Former potential old growth designation, this stand should remain an SCA to protect the riparian values along the East Branch of the Whitefish River.
28	Unique Site - SCA	32094028	60.8	Swamp conifer stand with some cedar and fir regeneration. Scattered hemlock. Former potential old growth designation, this stand should remain an SCA to protect the riparian values along Dexter Creek.



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
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	Wild and Scenic Rivers	Wild and Scenic Rivers are established under authority of the National Wild and Scenic Rivers Act, Public Law 90-542, as amended. Each Wild and Scenic River has a river specific Federal management plan, and State agencies may enter into written cooperative agreements with the administering Federal agency for the management of Wild and Scenic Rivers that are upon State-owned lands. There are 18 miles of Federal designated Wild and Scenic Rivers that are located within the State Forest.