

Vehicle Access: The Compartment is accessible from Old M 76 and Jackpine Trail. Additionally, numerous forest two-track roads run through the Compartment.

Survey Needs: None.

Recreational Facilities and Opportunities: The Compartment provides small and large game hunting opportunities.

Fire Protection: There are well over 200 acres of jack pine and jack pine-oak mixed forest cover types within this Compartment. Fire suppression vehicles will be able to access the majority of the Compartment without difficulty.

Additional Compartment Information: None.

- **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**



	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 +		Uneren Age
Aspen	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Jack Pine	0	29	34	59	0	17	25	0	0	0	0	0	0	0	0	164
Low-Density Trees	81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	81
Lowland Deciduous	0	0	0	0	28	5	0	0	51	0	0	0	0	0	0	84
Lowland Shrub	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38
Marsh	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Mixed Upland Deciduous	0	52	0	7	165	112	0	0	0	0	0	0	0	0	0	336
Oak	0	104	0	45	0	0	6	0	12	27	0	0	0	0	0	193
Red Pine	0	0	0	0	0	0	80	32	0	0	0	0	0	0	0	112
Upland Mixed Forest	0	80	42	0	22	0	0	0	6	0	0	0	0	0	0	150
Urban	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26
Water	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
White Pine	0	0	0	0	6	59	0	0	0	5	0	0	0	0	0	70
Total	160	278	76	110	221	192	111	32	68	33	0	0	0	0	0	1281



Table 2 – Proposed Treatment Summaries

Gladwin Mgt. Unit
Year of Entry 2013

Compartment 124
Total Compartment Acres: 1281

Acres by Treatment Type

Commercial Harvest - 97	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
Mixed Upland Deciduous	70	0	0	0	0	0	70
Oak	27	0	0	0	0	0	27
Total	97	0	0	0	0	0	97



S t a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
4	73124004OSR -Cut	18.9	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	30	Harvest	Clearcut with Reserves	4191 - Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal

Prescription Cut all species 2" or greater.

Specs:

Other Do not cut any red pine, white pine or green paint marked oak trees. Prefer mast and live cavity oak trees where possible.

Comments:

3-4% retention will be met with the uncut trees.

MO is the regeneration of the mixed upland deciduous and conifer species within the stand.

Next

Steps:

5	73124005-Cut	50.7	4191 - Mixed Upland Deciduous with Conifer	Medium Density Pole	40	Harvest	Clearcut with Reserves	4191 - Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal
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Prescription Remove all species 2" and greater.

Specs:

Other

Comments: Do not cut any red pine, white pine or green paint marked oak trees. Prefer mast and live cavity oak trees, where possible.

3-4% retention will be met with the uncut trees.

MO is the regeneration of the mixed upland deciduous and conifer species within the stand.

Next

Steps:

29	73124029-Cut	27.4	4126 - White, Black, N. Pin Oak	High Density Log	84	Harvest	Clearcut with Reserves	4126 - White, Black, N. Pin Oak	Cmpt. Review Proposal
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Prescription Remove all species 2" or greater.

Specs:

Other Leave in a few scattered patches along the stand edge 3 - 4% retention of a mix of large DBH jack pine and under-represented mature white oak. Prefer mast and live cavity trees, where possible.

Comments:

MO is the regeneration of oak and pine species.

Next

Steps:

**Total Treatment
Acreage Proposed: 97.0**

Table 4 -- Treatments Prescribed with a Limiting Factor



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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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Prescription Specs:

Other Comment:

Next Steps:

Limiting Factor and No Treatment Reason

Total Treatment Acreage Proposed: 0

Out of YOE -- Treatments
Prescribed with No Limiting Factor

Year of Entry: 2013



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
Comments:

Next
Steps:

**Total Treatment
Acreage Proposed: 0**

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Gladwin Mgt. Unit

5 – Forested Stands

Compartment: 124

Year of Entry: 2013



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	6115 - Lowland Ash	High Density Pole	50.7	79	111-140	Ash swamp. Very wet.
3	4125 - Black, N. Pin Oak	High Density Pole	5.3	27		
4	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	18.9	30	1-50	
5	4191 - Mixed Upland Deciduous with Conifer	Medium Density Pole	50.7	40	1-50	
7	42110 - Planted Red Pine	High Density Pole	47.4	55	111-140	
8	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	5.1	40		Matrix of lowland swales with upland hummucks. Blueberry forest floor.
9	42221 - Natural Jack Pine, Mixed Deciduous	High Density Sapling	31.7	17		
10	4125 - Black, N. Pin Oak	High Density Pole	39.5	25	51-80	
12	6126 - Lowland Jack Pine	High Density Sapling	7.9	28		Jack Pine over high bush blueberry forest floor. Some upland hummucks.
13	42221 - Natural Jack Pine, Mixed Deciduous	High Density Pole	51.0	28		
14	4310 - Pine, Oak Mix	Medium Density Pole	5.7	72	1-50	
15	42221 - Natural Jack Pine, Mixed Deciduous	High Density Pole	24.9	58		
17	4125 - Black, N. Pin Oak	High Density Pole	11.5	72	1-50	
18	4130 - Aspen	Medium Density	11.9	4		Good regeneration. Numerous seedlings still under 3' tall. Well stocked.
20	4199 - Other Mixed Upland Deciduous	High Density Pole	61.0	45	51-80	
21	4125 - Black, N. Pin Oak	High Density Sapling	30.1	4		Clear cut in 2007. Good natural regeneration.
22	42220 - Natural Jack Pine	High Density Pole	16.8	41		
23	6126 - Lowland Jack Pine	High Density Sapling	28.9	6		Clear cut in 2005. Interplanted to Jack Pine.

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Gladwin Mgt. Unit

5 – Forested Stands

Compartment: 124

Year of Entry: 2013



Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
4310 - Pine, Oak Mix	High Density Sapling	77.4	9		Clear-cut in 2002.
6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	19.5	35		
4126 - White, Black, N. Pin Oak	High Density Log	27.4	84	1-50	
42110 - Planted Red Pine	High Density Pole	32.1	60	111-140	
4191 - Mixed Upland Deciduous with Conifer	High Density Sapling	33.5	6		Clear-cut in 2005.
6119 - Mixed Lowland Deciduous Forest	High Density Pole	8.7	35		
4199 - Other Mixed Upland Deciduous	High Density Sapling	18.9	4		Clear cut in 2007. Good natural regeneration.
4310 - Pine, Oak Mix	High Density Sapling	42.3	16		Outstanding regeneration.
4311 - Pine, Aspen Mix	Medium Density	2.9	6		Clear cut in 2005.
42200 - Natural White Pine	Medium Density Pole	18.5	45	1-50	Oak removal in 2007.
4191 - Mixed Upland Deciduous with Conifer	High Density Pole	89.5	36	1-50	
42200 - Natural White Pine	Medium Density Pole	5.9	30	1-50	
4191 - Mixed Upland Deciduous with Conifer	High Density Sapling	6.7	27		
42200 - Natural White Pine	High Density Pole	40.2	45	1-50	
4199 - Other Mixed Upland Deciduous	High Density Pole	56.3	39		
4310 - Pine, Oak Mix	High Density Pole	21.7	39	1-50	
4125 - Black, N. Pin Oak	Medium Density	74.2	4		Clear-cut in 2007. Interplanted with red pine. Red Pine less than 3 feet tall.
42220 - Natural Jack Pine	High Density Sapling	2.3	15		15 year old clear-cut.

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Gladwin Mgt. Unit

5 – Forested Stands

Compartment: 124
Year of Entry: 2013



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
50	42110 - Planted Red Pine	High Density Pole	32.8	57	111-140	
51	4126 - White, Black, N. Pin Oak	High Density Log	5.5	57	51-80	
52	42200 - Natural White Pine	Medium Density Log	5.4	84	1-50	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
2	6229 - Mixed lowland shrub	1.6	No	Unspecified	
6	3303 - Mixed Low Density Trees	44.3	Planted	Low (NonForested)	Clear cut in 2008. Natural regeneration of Oak, Cherry and Maple seedlings. Stand has been trenched and interplanted to red pine.
11	11 - Low Intensity Urban	13.3	Yes	Low (NonForested)	Railroad track and M-76 highway separated by forest in the middle.
16	6220 - Alder/willow	17.1	No	Unspecified	
19	6233 - Wet Meadow	4.2	No	Unspecified	
24	6220 - Alder/willow	6.7	No	Unspecified	
26	11 - Low Intensity Urban	12.5	Yes	Low (NonForested)	
27	6220 - Alder/willow	6.0	No	Unspecified	
32	6233 - Wet Meadow	7.5	No	Unspecified	
36	3301 - Low Density Deciduous Tree	18.0	Planted	Unspecified	Clear-cut in 2008. Trenched and interplanted to red pine.
44	50 - Water	3.7	No	Unspecified	Bear Creek surrounded by alder/willow.
46	6229 - Mixed lowland shrub	6.9	No	Unspecified	Riparian zone of Bear Creek.
48	3303 - Mixed Low Density Trees	18.6	Planted	Unspecified	Clear cut in 2008. Interplanted to Red Pine.



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	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.

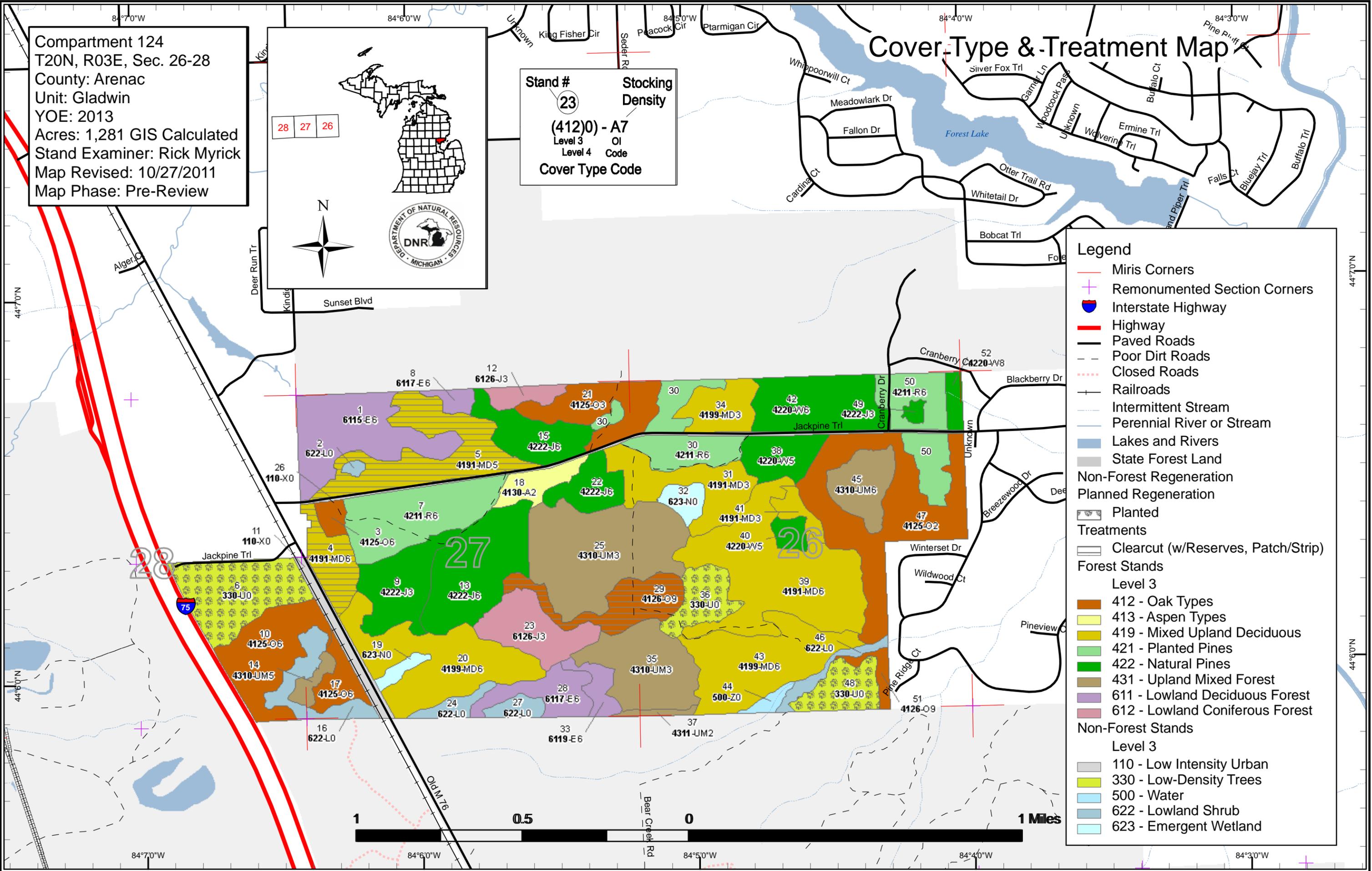
Compartment 124
 T20N, R03E, Sec. 26-28
 County: Arenac
 Unit: Gladwin
 YOY: 2013
 Acres: 1,281 GIS Calculated
 Stand Examiner: Rick Myrick
 Map Revised: 10/27/2011
 Map Phase: Pre-Review

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

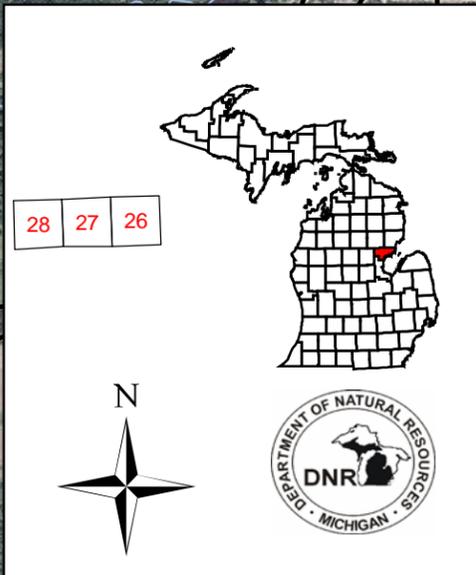
Cover Type & Treatment Map

Legend

- Miris Corners
- Remonumented Section Corners
- Interstate Highway
- Highway
- Paved Roads
- Poor Dirt Roads
- Closed Roads
- Railroads
- Intermittent Stream
- Perennial River or Stream
- Lakes and Rivers
- State Forest Land
- Non-Forest Regeneration
- Planned Regeneration
- Planted
- Treatments
- Clearcut (w/Reserves, Patch/Strip)
- Forest Stands
- Level 3
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 431 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- Non-Forest Stands
- Level 3
- 110 - Low Intensity Urban
- 330 - Low-Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland



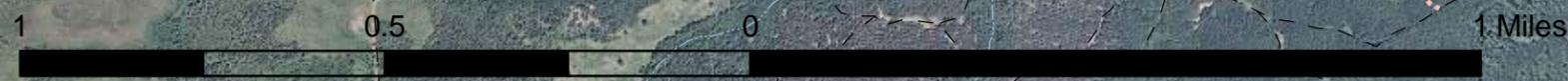
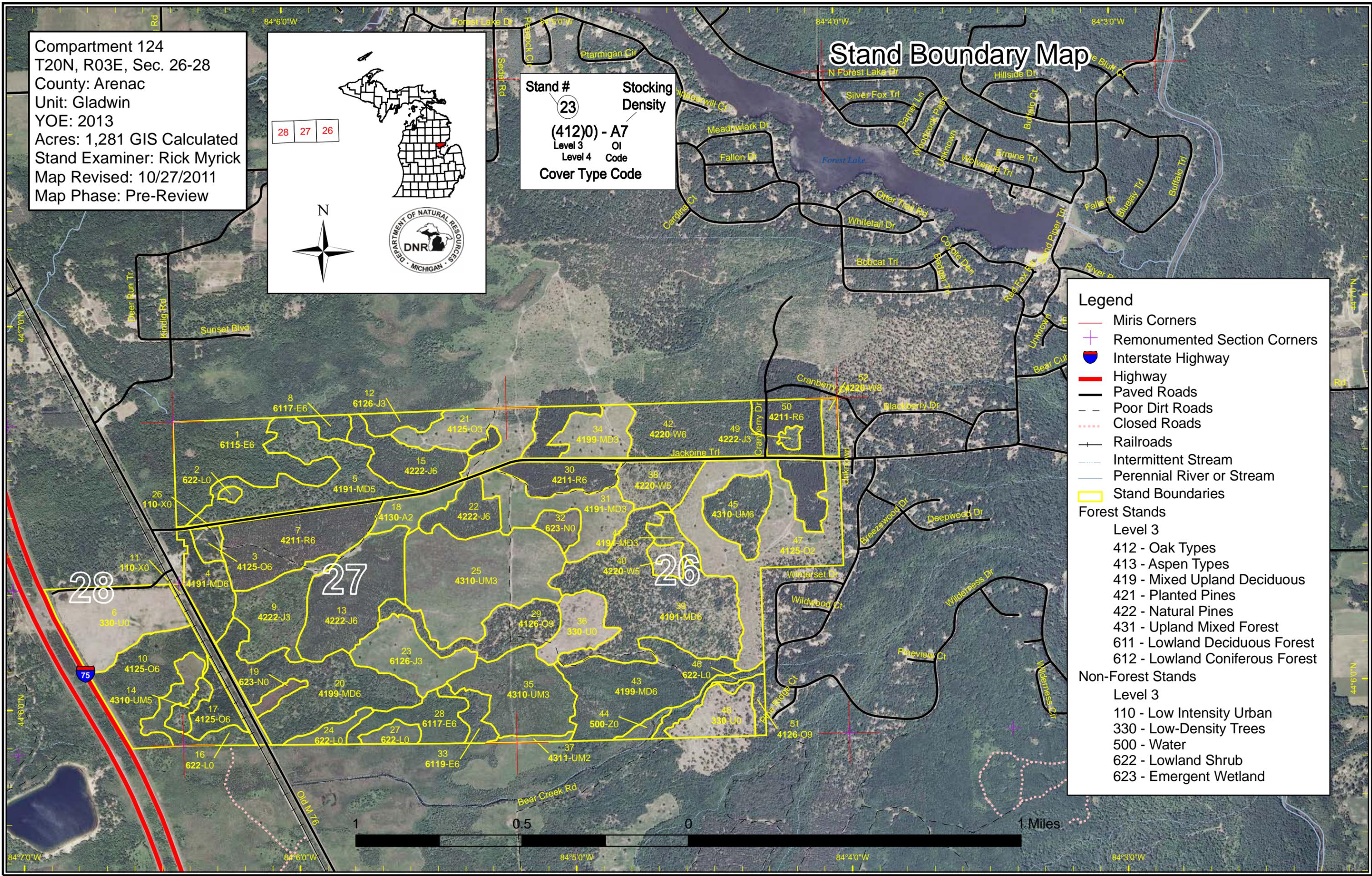
Compartment 124
 T20N, R03E, Sec. 26-28
 County: Arenac
 Unit: Gladwin
 YOY: 2013
 Acres: 1,281 GIS Calculated
 Stand Examiner: Rick Myrick
 Map Revised: 10/27/2011
 Map Phase: Pre-Review



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

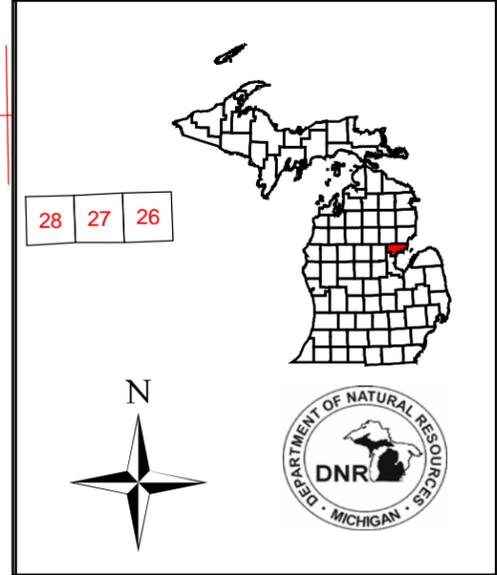
Stand Boundary Map

- Legend**
- Miris Corners
 - + Remonumented Section Corners
 - 🛣 Interstate Highway
 - 🛣 Highway
 - Paved Roads
 - - - Poor Dirt Roads
 - ⋯ Closed Roads
 - Railroads
 - ⋯ Intermittent Stream
 - Perennial River or Stream
 - 🟡 Stand Boundaries
- Forest Stands**
- Level 3
- 412 - Oak Types
 - 413 - Aspen Types
 - 419 - Mixed Upland Deciduous
 - 421 - Planted Pines
 - 422 - Natural Pines
 - 431 - Upland Mixed Forest
 - 611 - Lowland Deciduous Forest
 - 612 - Lowland Coniferous Forest
- Non-Forest Stands**
- Level 3
- 110 - Low Intensity Urban
 - 330 - Low-Density Trees
 - 500 - Water
 - 622 - Lowland Shrub
 - 623 - Emergent Wetland



Dedicated & Proposed Special Conservation Area Map

Compartment 124
 T20N, R03E, Sec. 26-28
 County: Arenac
 Unit: Gladwin
 YOE: 2013
 Acres: 1,281 GIS Calculated
 Stand Examiner: Rick Myrick
 Map Revised: 10/27/2011
 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
 - Cold Water Streams
 - Natural Rivers Zoning District
 - Natural Rivers Vegetative Buffer
 - Forest Stands
 - Level 3
 - 412 - Oak Types
 - 413 - Aspen Types
 - 419 - Mixed Upland Deciduous
 - 421 - Planted Pines
 - 422 - Natural Pines
 - 431 - Upland Mixed Forest
 - 611 - Lowland Deciduous Forest
 - 612 - Lowland Coniferous Forest
 - Non-Forest Stands
 - Level 3
 - 110 - Low Intensity Urban
 - 330 - Low-Density Trees
 - 500 - Water
 - 622 - Lowland Shrub
 - 623 - Emergent Wetland

