



# Compartment Review Presentation

## Pigeon River Country Forest Management Unit

Compartment 26

Entry Year 2015

Acreage: 1,533

County Cheboygan

Management Area: Pigeon River Country

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**Revision Date:** 08/21/2013

**Stand Examiner:** Richard  
McDonald

### Legal Description:

T33N R01E Sections 13, 14 and 15

### Identified Planning Goals:

Maintain current species mix and apply appropriate management techniques to mature stands of timber that are in need of treatment.

### Soil and topography:

Flat to gently rolling terrain. Predominantly sandy soil types throughout the compartment of varying names and associations, except in the lowland swamp types.

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

Predominantly solid state ownership with a few private inholdings.

### Unique Natural Features:

A representative from Michigan's Natural Features Inventory should be on hand at the compartment review with further details of any unique natural features.

### Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

### Special Management Designations or Considerations:

None.

### Watershed and Fisheries Considerations:

A portion of the Black River flows through the compartment.

### Wildlife Habitat Considerations:

Treatments in this compartment are designed to increase the amount of regenerating oak, maintain the aspen type and maintain early successional habitat in the forest. Opening maintenance on abandoned well pads will help remove exotic invasive plants and restore these areas to native grass or upland brush. All of these treatments will maintain the suitability of the area for deer, grouse and other game species

### Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium and coarse-textured glacial till. Glacial drift thickness varies between 100 and 200 feet. Beneath the glacial drift is the Devonian Traverse Group that is quarried for stone and cement products elsewhere in the State. The nearest gravel pit is located one mile to the north and potential is considered good. This area is partly leased for oil and gas development in the Niagaran reef trend. The Antrim Shale is not present in this area and there is no potential. There is additional potential for the Niagaran reef trend in this compartment.

### Vehicle Access:

There is good access to most, if not all, of the compartment. Most of the roads, however, have been closed to wheeled motorized vehicles with virtually all those closures still intact.

### Survey Needs:

None required.

### Recreational Facilities and Opportunities:

The High Country Pathway and MCCC motorcycle trail runs through the east half of the compartment.

**Fire Protection:**

Access is good in case of any fire suppression efforts, though the area is generally at low risk to any wildfire potential.

**Additional Compartment Information:**

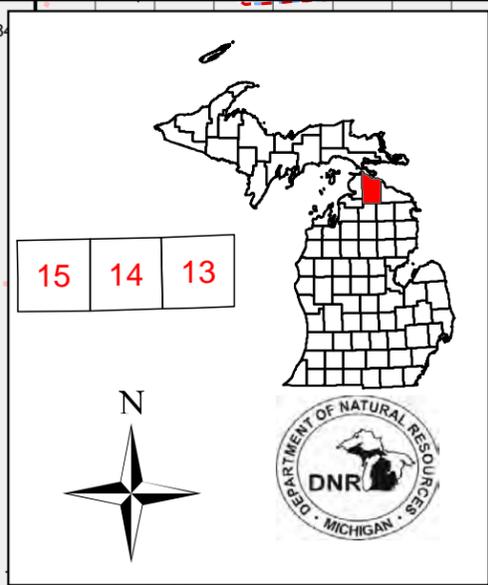
The following reports from the Inventory are attached:

- 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**

Compartment: 026  
 T33N R01E Sec. 13, 14, 15  
 County: Cheboygan  
 Unit: Pigeon River Country  
 YOY: 2015  
 Acres: 1,533 GIS Calculated  
 Examiner: Richard McDonald  
 Map Revised: 04/24/2013  
 Map Phase: Pre-Review

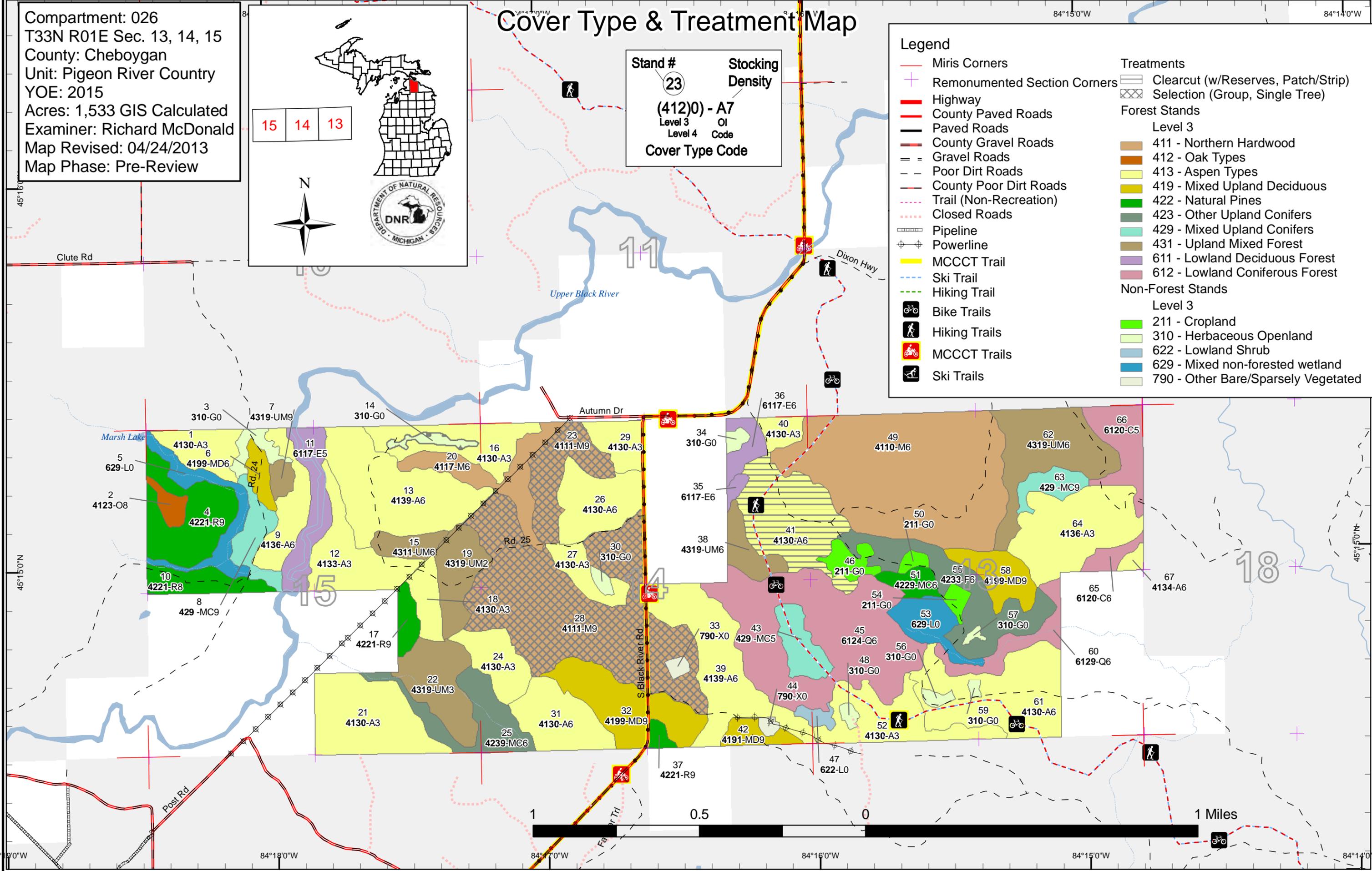


# Cover Type & Treatment Map

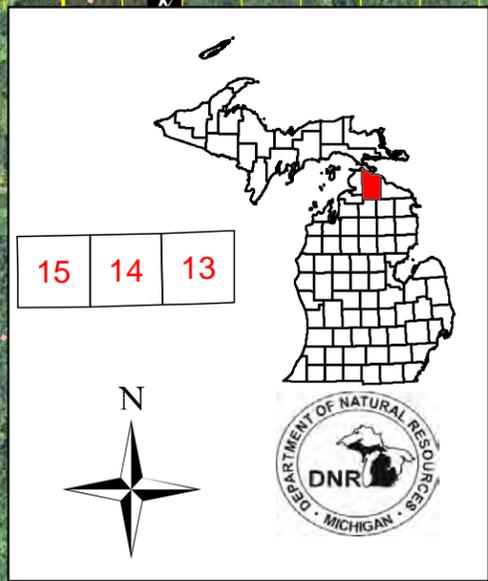
**Stand #**  
 23  
**Stocking Density**  
 (412)0 - A7  
 Level 3 OI  
 Level 4 Code  
**Cover Type Code**

### Legend

— Miris Corners	+	▭
— Highway	▨	
— County Paved Roads		<b>Forest Stands</b>
— Paved Roads		Level 3
— County Gravel Roads		411 - Northern Hardwood
— Gravel Roads		412 - Oak Types
— Poor Dirt Roads		413 - Aspen Types
— County Poor Dirt Roads		419 - Mixed Upland Deciduous
— Trail (Non-Recreation)		422 - Natural Pines
⋯ Closed Roads		423 - Other Upland Conifers
— Pipeline		429 - Mixed Upland Conifers
— Powerline		431 - Upland Mixed Forest
— MCCCT Trail		611 - Lowland Deciduous Forest
— Ski Trail		612 - Lowland Coniferous Forest
— Hiking Trail		<b>Non-Forest Stands</b>
🚲 Bike Trails		Level 3
🚶 Hiking Trails		211 - Cropland
🚴 MCCCT Trails		310 - Herbaceous Openland
🛷 Ski Trails		622 - Lowland Shrub
		629 - Mixed non-forested wetland
		790 - Other Bare/Sparsely Vegetated



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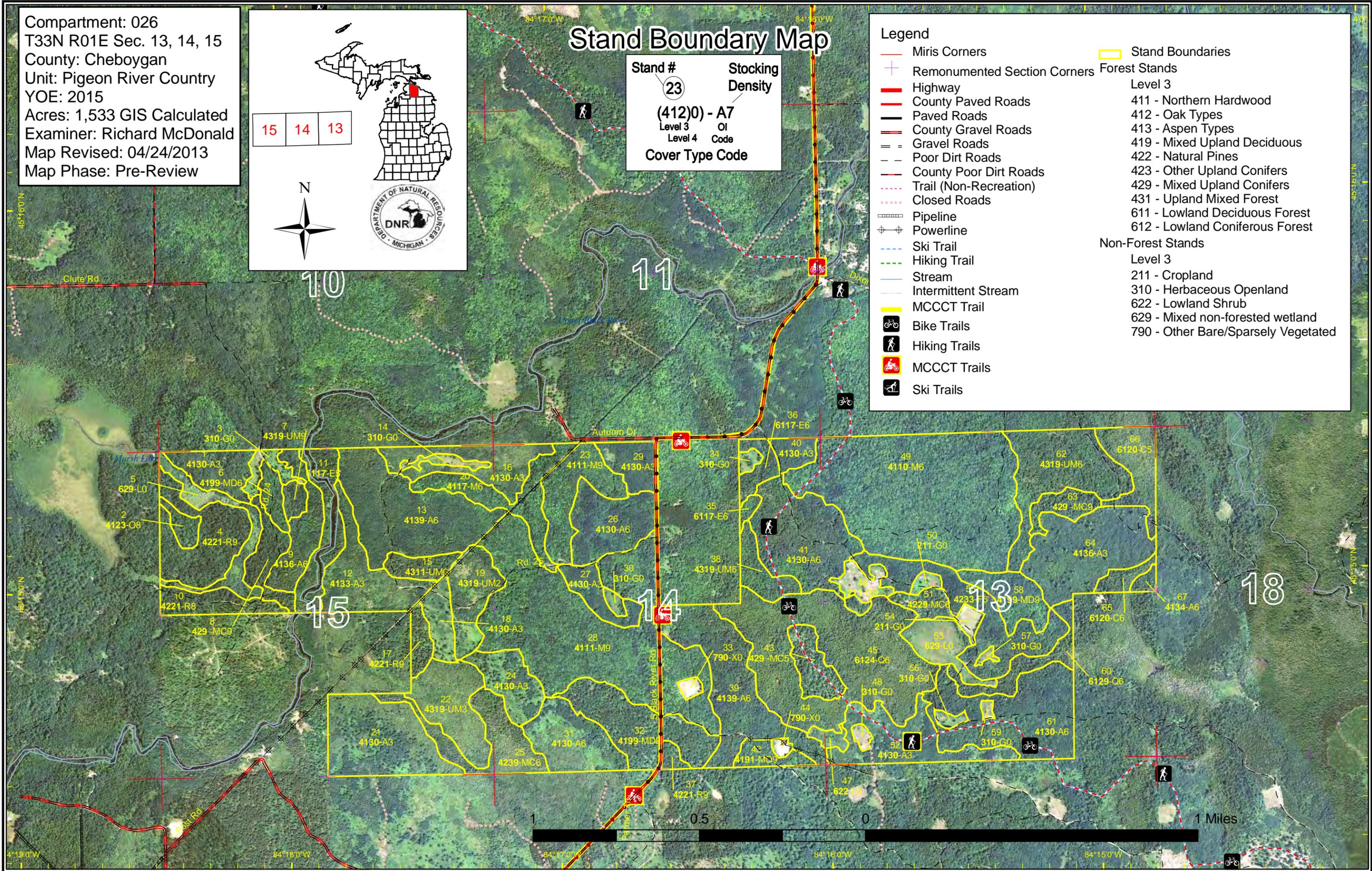


# Stand Boundary Map

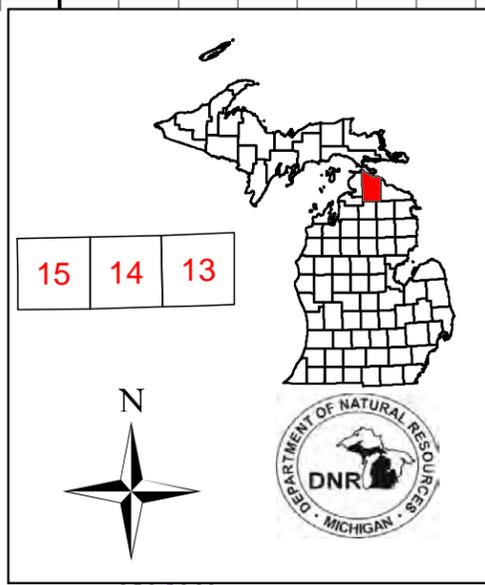
**Stand #**  
 23  
**Stocking Density**  
 (412)0 - A7  
 Level 3 OI  
 Level 4 Code  
**Cover Type Code**

## Legend

- Miris Corners
  - Remonumented Section Corners
  - Highway
  - County Paved Roads
  - Paved Roads
  - County Gravel Roads
  - Gravel Roads
  - Poor Dirt Roads
  - County Poor Dirt Roads
  - Trail (Non-Recreation)
  - Closed Roads
  - Pipeline
  - Powerline
  - Ski Trail
  - Hiking Trail
  - Stream
  - Intermittent Stream
  - MCCCT Trail
  - Bike Trails
  - Hiking Trails
  - MCCCT Trails
  - Ski Trails
  - Stand Boundaries
- Forest Stands**
- Level 3
- 411 - Northern Hardwood
  - 412 - Oak Types
  - 413 - Aspen Types
  - 419 - Mixed Upland Deciduous
  - 422 - Natural Pines
  - 423 - Other Upland Conifers
  - 429 - Mixed Upland Conifers
  - 431 - Upland Mixed Forest
  - 611 - Lowland Deciduous Forest
  - 612 - Lowland Coniferous Forest
- Non-Forest Stands**
- Level 3
- 211 - Cropland
  - 310 - Herbaceous Openland
  - 622 - Lowland Shrub
  - 629 - Mixed non-forested wetland
  - 790 - Other Bare/Sparsely Vegetated



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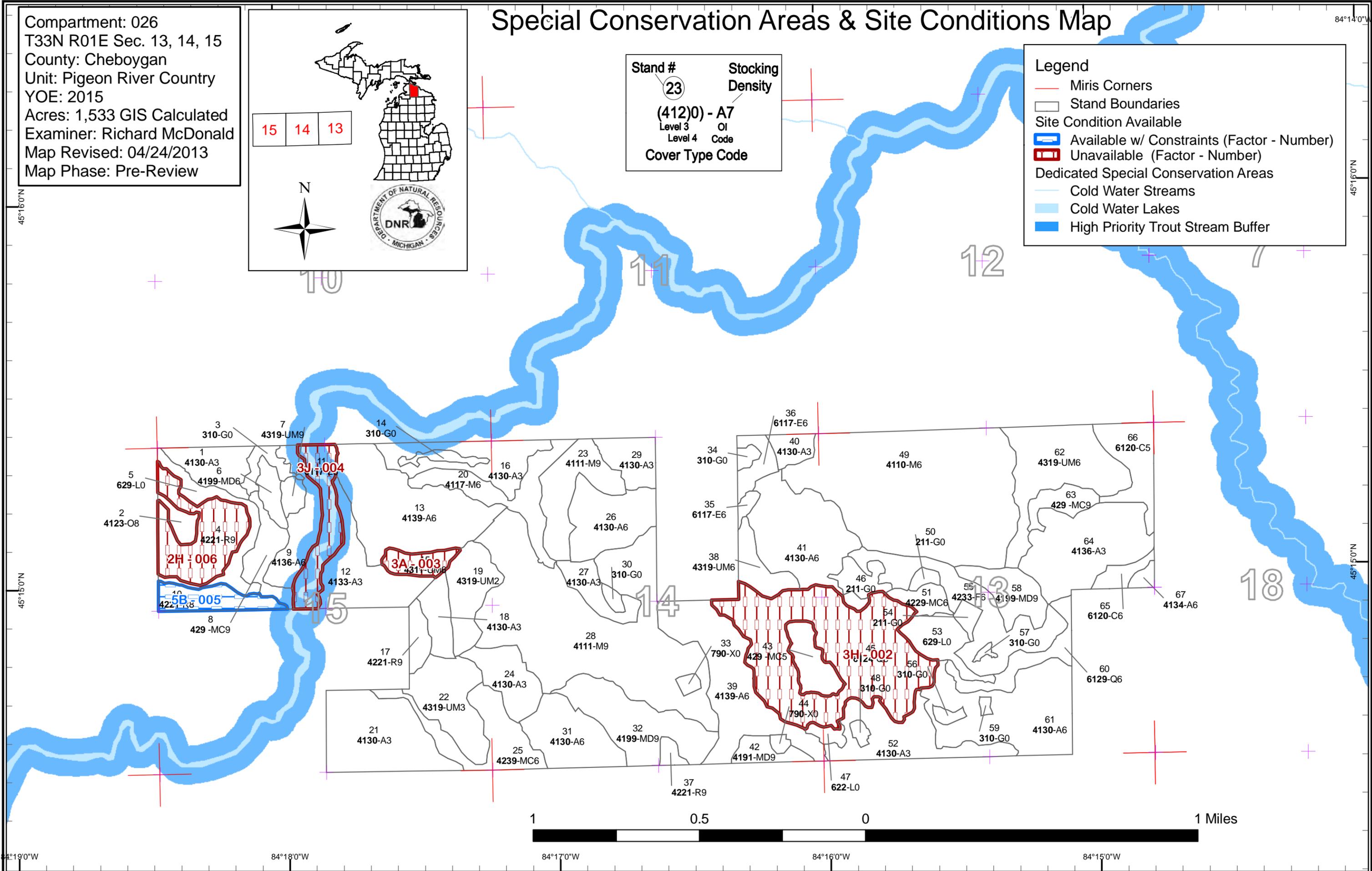


# Special Conservation Areas & Site Conditions Map

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

**Legend**

- Miris Corners
- Stand Boundaries
- Site Condition Available
- Available w/ Constraints (Factor - Number)
- Unavailable (Factor - Number)
- Dedicated Special Conservation Areas
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer



84°19'0"W 84°18'0"W 84°17'0"W 84°16'0"W 84°15'0"W

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	11	81	204	145	70	0	0	3	0	0	0	0	0	56	569
Bare/Sparsely Vegetated	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Cedar	0	0	0	0	0	0	0	0	26	0	0	0	0	0	26
Cropland	14	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Herbaceous Openland	22	0	0	0	0	0	0	0	0	0	0	0	0	0	22
Lowland Conifers	0	0	0	0	0	0	0	0	106	0	0	0	0	15	120
Lowland Deciduous	0	0	0	0	8	0	0	25	0	0	0	0	0	0	34
Lowland Shrub	37	0	0	0	0	0	0	0	0	0	0	0	0	0	37
Mixed Upland Deciduous	0	0	0	0	7	0	0	0	65	0	0	0	0	0	72
Natural Mixed Pines	0	0	0	0	8	0	0	0	0	0	0	0	0	0	8
Northern Hardwood	0	0	0	0	0	0	0	26	141	167	0	0	0	0	333
Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6
Red Pine	0	0	0	0	0	0	0	7	3	15	35	0	0	0	60
Upland Conifers	0	0	0	0	0	0	0	0	0	42	0	0	0	24	65
Upland Mixed Forest	0	0	52	0	45	12	0	14	0	0	0	0	0	0	122
Upland Spruce/Fir	0	0	0	41	0	0	0	0	0	0	0	0	0	0	41
<b>Total</b>	<b>88</b>	<b>81</b>	<b>255</b>	<b>186</b>	<b>137</b>	<b>12</b>	<b>0</b>	<b>74</b>	<b>340</b>	<b>224</b>	<b>35</b>	<b>0</b>	<b>0</b>	<b>100</b>	<b>1533</b>



## Report 2 – Proposed Treatment Summaries

**Don River Country Mgt. Unit**  
**Year of Entry 2015**

**Compartment 026**  
**Total Compartment Acres: 1,533**

### Acres by Treatment Type

Commercial Harvest - 217    Tree Planting - 0    Other - 0  
 Habitat Cut - 0    Opening Maintenance - 14

### Cover Type by Harvest Method

	Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
<b>Aspen Types</b>	50	0	0	0	0	0	50
<b>Northern Hardwood</b>	0	167	0	0	0	0	167
<b>Total</b>	50	167	0	0	0	0	217



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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
23 53026023-Cut	26.6	4111 - S.Maple, Hard Mast Association	High Density Log	92	141-170	Harvest	Single Tree Selection	4110 - Sugar Maple Association	Cmpt. Review Proposal

Prescription Selection harvest using standard hardwood marking guidelines - crop tree release removing two nearest competitors, plus creating some regeneration holes throughout the stand. Maintain species diversity and be mindful of wildlife concerns, such as, cavity trees, Oak mast, etc.

Other Comments:

Next Steps: Upon harvest completion of this stand, a regeneration survey will be conducted within 4-5 years of that competition date to determine regeneration success.

Proposed Start Date: 10/01/2015

28 53026028-Cut	140.3	4111 - S.Maple, Hard Mast Association	High Density Log	92	111-140	Harvest	Single Tree Selection	4110 - Sugar Maple Association	Cmpt. Review Proposal
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Prescription Selection harvest using standard hardwood marking guidelines - crop tree release while removing two nearest competitors. Regeneration holes should be made throughout the sale. Species diversity within the stand should be maintained while being mindful of wildlife considerations, such as, cavity trees, Oak mast, etc. Where possible, larger gap sizes of approximately 100' should be put in around scattered Oak that are removed to facilitate Oak regeneration.

Other Comments:

Next Steps: Following completion of the sale, a regeneration survey should take place to determine regeneration success. This should take place about 4-5 years after sale completion.

Proposed Start Date: 10/01/2015

41 53026041-Cut	49.7	4130 - Aspen	High Density Pole	45	111-140	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal
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Prescription Clearcut with 2 - 3 retention islands. Mark some larger diameter trees to fall and leave lay.

Other Comments: Caution should be used around the High Country Pathway in order to protect the integrity of the trail.

Next Steps: Followup regeneration survey should be taken in 4-5 years, upon completion of the timber sale, to determine regeneration success. There is a high degree of certainty that Aspen will regenerate successfully but, in the event it does not, an upland mixed forest consisting of both hardwood and conifers will be acceptable.

Proposed Start Date: 10/01/2015

46 NF_53026046-NonFor	8.2	2113 - Forage Crops				Non-Forest Management	Mowing	31021 - Cool Season Grass	Cmpt. Review Proposal
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Prescription Old oil pad with expanded opening was worked up and planted to rye using RMEF funds in 2012. I would recommend doing the same.

Other Comments:

Next Steps:

Proposed Start Date: Unspecified



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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
50 NF_53026050-NonFor	2.6	2113 - Forage Crops				Non-Forest Management	Mowing	31021 - Cool Season Grass	Cmpt. Review Proposal

Prescription: Old oil pad was worked up and planted to rye in 2013 using funds from the RMEF. Recommend continuation of this management.

Specs:

Other

Comments:

Next

Steps:

Proposed

Start Date: Unspecified

54 NF_53026054-NonFor	3.5	2113 - Forage Crops				Non-Forest Management	Mowing	31021 - Cool Season Grass	Cmpt. Review Proposal
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Prescription: Old oil pad worked up and planted to rye in 2013 using funds fro the RMEF. Recommend continuing that management.

Specs:

Other

Comments:

Next

Steps:

Proposed

Start Date: 10/01/2015

**Total Treatment  
Acreage Proposed: 231.1**



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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!

Prescription  
Specs:

Other  
Comment:

Next  
Steps:

Proposed  
Start Date: #Type!

Limiting Factor

**Total Treatment  
Acreage Proposed: 0**

## Report 5 – Site Conditions

Pigeon River Country Mgt. Unit

Compartment 026

Richard McDonald : Examiner

Year of Entry 2015

### Availability for Management

Availability for Management			Dominant Site Conditions						
Total Acres	Acres Available	Acres Not Available		No	5B	3J	3H	3A	2H
569	569		Aspen	569					
26	26		Cedar	26					
120	15	106	Lowland Conifers	15			106		
34	10	23	Lowland Deciduous	10		23			
72	72		Mixed Upland Deciduous	72					
8	8		Natural Mixed Pines	8					
333	333		Northern Hardwood	333					
6	6		Oak	6					
60	25	35	Red Pine	10	15				35
65	65		Upland Conifers	65					
122	113	9	Upland Mixed Forest	113				9	
41	41		Upland Spruce/Fir	41					
1,456	1,283	173	Total Forested Acres	1,268	15	23	106	9	35
	88%	12%	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.*

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
002	Not Available	3H: Deer Wintering Areas	106				
<b>Comments:</b>							
003	Not Available	3A: Potential old growth / biodiversity	9	5C: Delay treatment for age/size class diversity or exceptional site quality	3L: Other wildlife concerns		
<b>Comments:</b>							
Older age class mix of aspen and pine surrounded by younger aspen age classes.							

# Report 5 – Site Conditions

Pigeon River Country Mgt. Unit

Compartment 026

Richard McDonald : Examiner

Year of Entry 2015

004	Not Available	3J: Water quality / BMPs (stream, river, or lake)	23	2F: Too steep
Comments:				
005	Available	5B: Retention for regeneration purposes	15	
Comments:				
006	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	35	
Comments:				



### 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
<b>Comments</b>				



**Report 7 – 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 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.
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	4130 - Aspen	High Density Sapling	16.8	27		South edge along creek has been impacted by beaver activity. Most of the aspen has been removed within several feet of the creek bottom. There is a small cedar stand (< 1 ac.) included in this stand along the creek bottom.
2	4123 - Red Oak	Medium Density Log	5.5	Uneven Age	51-80	Mature Oak and Pine that had the aspen and hardwood removed in 1987. Part of a larger pine stand that is surrounded by a marsh and two small creeks.
4	42210 - Natural Red Pine	High Density Log	35.0	100	81-110	Nice natural pine stand surrounded by a marsh and 2 creeks with a fairly wide floodplain making it naturally conducive to a biodiversity area or SCA.
6	4199 - Other Mixed Upland Deciduous	High Density Pole	7.1	44	51-80	Smaller, poor quality hardwood with white pine
7	4319 - Mixed Upland Forest	High Density Log	4.5	74	81-110	Pocket of White Pine with mixed hardwood. Pine is not real good quality.
8	429 - Mixed Upland Conifers	High Density Log	14.1	90	81-110	Mature Red and White Pine overhead with a good mix of Cedar and Hemlock through parts of the stand but not uniform. Most of the stand is along hillside along creek bottom with the creek flowing through the southern part of the stand and into the Black River.
9	4136 - Aspen, Mixed Conifer	High Density Pole	19.9	44	51-80	Mixed aspen/conifer. Aspen size varies, but should wait one entry period.
10	42210 - Natural Red Pine	Medium Density Log	15.0	90	51-80	Mature pine along creek bottom.
11	6117 - Lowland Deciduous, Mixed Coniferous	Medium Density Pole	23.1	78	51-80	Steep banks leading to the river, as well as, the river bottom are both within the river influence zone for BMP consideration.
12	4133 - Aspen, Mixed Pine	High Density Sapling	31.6	23		This stand has been impacted in the past by browsing, but it seems to have recovered nicely for the most part.
13	4139 - Aspen, Mixed Deciduous	High Density Pole	62.0	39	51-80	Good aspen stand, but not quite ready to cut yet. West half is primarily Bigtooth Aspen. Northeast portion is a heavy mix of hardwood.
15	4311 - Pine, Aspen Mix	High Density Pole	9.0	72	81-110	Old comments recommended this stand to convert to pine to add diversity to the compartment. Aspen is not in good condition and is surrounded by different age classes of aspen.
16	4130 - Aspen	High Density Sapling	26.7	23		
17	42210 - Natural Red Pine	High Density Log	7.1	77	51-80	Stand was thinned in 1996. It may possibly be ready next entry.
18	4130 - Aspen	High Density Sapling	11.3	7		

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## Pigeon River Country Mgt. Unit

## Report 8 – Forested Stands

Compartment: 026  
Year of Entry: 2015

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
19	4319 - Mixed Upland Forest	Medium Density	21.8	23		
20	4117 - Mixed N. Hardwood - Pine	High Density Pole	25.7	75	81-110	Steep valleys and hillsides. Difficult to work and erosion hazard, plus the wood quality is not very good
21	4130 - Aspen	High Density Sapling	46.7	23		10-20 sq ft of Oak and Red Pine residual. Good Aspen stand
22	4319 - Mixed Upland Forest	High Density Sapling	29.7	23		
23	4111 - S.Maple, Hard Mast Association	High Density Log	26.6	92	141-170	Fairly nice quality hardwood hasn't had any work in it.
24	4130 - Aspen	High Density Sapling	18.9	16		
25	42390 - Mixed Non-Pine Upland Conifers	High Density Pole	27.5	92	111-140	Good cover, small deeryard. Creek flows through the west arm.
26	4130 - Aspen	High Density Pole	29.6	38	81-110	Good aspen stand with a significant component of young Sugar Maple. Possibly put off Aspen management to allow Sugar Maple to take over. It will require allowing the Aspen to die out or allow the stand to mature and selectively cut some Aspen while managing Sugar Maple.
27	4130 - Aspen	High Density Sapling	12.1	14		
28	4111 - S.Maple, Hard Mast Association	High Density Log	140.3	92	111-140	Decent quality hardwood with good Oak component.
29	4130 - Aspen	High Density Sapling	13.5	23		
31	4130 - Aspen	High Density Pole	28.7	23		Residual Oak from last cut along the east side.
32	4199 - Other Mixed Upland Deciduous	High Density Log	39.0	85	81-110	This stand was selectively cut in 2009-10. Regeneration holes were made, but not finding satisfactory regen. in those holes. There is a good amount of ash coming up throughout the stand.
35	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	2.3	71	1-50	Drainage area of wet hardwood.
36	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	8.2	45	51-80	
37	42210 - Natural Red Pine	High Density Log	3.1	87	111-140	Mature stand of pine along road and bordering private property.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
38	4319 - Mixed Upland Forest	High Density Pole	12.0	57	51-80	Transition stand into lowland cedar. Stand boundary may fluctuate after adjacent aspen stand is treated.
39	4139 - Aspen, Mixed Deciduous	High Density Pole	53.4	36	51-80	Nice young pole stand with good Oak component along swamp edge. Aspen needs time to put some size on it. It should be ready next entry.
40	4130 - Aspen	High Density Sapling	7.0	22		
41	4130 - Aspen	High Density Pole	49.7	45	111-140	Good Aspen ready for final harvest with 2-3 uncut islands for retention
42	4191 - Mixed Upland Deciduous with Conifer	High Density Log	8.0	87	81-110	Relatively small stand split by "Shell" road which is used to access several active oil well sites, as well as, several dry holes that are no longer in production. Most of the Red Pine is in the east end and kind of acts as a screen blocking the active oil well site from the road.
43	429 - Mixed Upland Conifers	Medium Density Pole	14.0	Uneven Age	51-80	Island surrounded by Cedar swamp with hiking trail going through the middle of it, the full length of the stand. Timber value is quite low.
45	6124 - Lowland Spruce-Fir	High Density Pole	105.6	81	171-200	Nice cedar stand, but trees are on the small side, barely averaging 8". Plenty of winter deer activity. Good deer yarding area. High Country Pathway, with boardwalks, goes north and south thru the stand.
49	4110 - Sugar Maple Association	High Density Pole	140.6	85	81-110	Decent hardwood, but highly variable stocking throughout. High Country Pathway goes north and south through this stand.
51	42290 - Natural Mixed Pine	High Density Pole	7.6	40	51-80	Small pocket of poor quality pine between marsh and wildlife opening.
52	4130 - Aspen	High Density Sapling	33.1	21		
55	42330 - Upland Fir	High Density Pole	40.9	36	81-110	Nice young pole stand along hillside. Potential for cutting, but should wait one entry due to the adjacent aspen stand being cut which would result in a far greater than 40 acre cut.
58	4199 - Other Mixed Upland Deciduous	High Density Log	17.5	87	81-110	Nice quality Oak.
60	6129 - Mixed Coniferous Lowland Forest	High Density Pole	14.8	Uneven Age	111-140	Lowland conifer swamp along creek flowing into Canada Creek.
61	4130 - Aspen	High Density Pole	55.9	Uneven Age	51-80	Size class varies in the aspen. Oak and Pine are residual from the last cut in the mid-70's. Aspen needs time to add some size.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
<b>62</b>	4319 - Mixed Upland Forest	High Density Pole	44.7	45	51-80	Highly variable mix of species. Pine is of mixed age classes. The larger pine looks possibly to be residual from an earlier cut. Could be ready to cut except just north of the compartment is already under contract (52 acres approx.) and cutting both would create too big of a hole exceeding by quite a bit the 40 acre guidelines.
<b>63</b>	429 - Mixed Upland Conifers	High Density Log	9.7	Uneven Age	111-140	Large mature white pine and red pine with cedar/hemlock underneath with springs and seeps flowing east, much of it underground. Good stand for SCA or otherwise not do any management. Not much ground vegetation.
<b>64</b>	4136 - Aspen, Mixed Conifer	High Density Sapling	50.0	18		Nice aspen regeneration with some scattered pine residual.
<b>65</b>	6120 - Lowland Cedar	High Density Pole	5.7	82	51-80	Strip of lowland conifer between clearcut and private property.
<b>66</b>	6120 - Lowland Cedar	Medium Density Pole	20.4	82	51-80	Semi-open lowland conifer with heavy underbrush
<b>67</b>	4134 - Aspen, Spruce/Fir	High Density Pole	2.7	72	51-80	Pocket of aspen along boundary with Atlanta FO, small in size with difficult access. It would make a good retention stand.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
3	3105 - Mixed Upland Herbaceous	6.4	No	Unspecified	
5	629 - Mixed non-forested wetland	17.9	No	Unspecified	Two creeks coming out of Marsh 16 and flowing into the Black River. Periodic beaver activity up and down the system controls the mix of wetland species that exist within this stand.
14	3105 - Mixed Upland Herbaceous	4.0	Natural Regen	Lowland Conifers	
30	3105 - Mixed Upland Herbaceous	2.2	No	Unspecified	Natural opening
33	790 - Other Bare/Sparsely Vegetate	2.1	No	Unspecified	Active oil well site.
34	3105 - Mixed Upland Herbaceous	2.4	No	Unspecified	Opening, possibly and old homestead site. Couple of Apple trees in opening.
44	790 - Other Bare/Sparsely Vegetate	1.8	No	Unspecified	Active oil well site.
46	2113 - Forage Crops	8.2	Yes	Medium (NonForested)	Managed opening planted last year for the first time that I am aware of.
47	6229 - Mixed lowland shrub	3.5	No	Unspecified	Old cedar cut along the edge of the swamp. This stand was cut in 1996.
48	3105 - Mixed Upland Herbaceous	2.1	No	Unspecified	Old oil pad.
50	2113 - Forage Crops	2.6	Yes	Medium (NonForested)	Opening that was planted last year to rye and will likely be maintained.
53	629 - Mixed non-forested wetland	15.7	No	Unspecified	Wet marsh that drains the swamp with a small creek flowing east into the Canada Creek.
54	2113 - Forage Crops	3.5	Yes	Medium (NonForested)	Old oil pad now a managed wildlife opening planted to rye last year and will likely be maintained in that.
56	3105 - Mixed Upland Herbaceous	2.2	No	Unspecified	Opening, possibly an old oil pad, starting to fill in with Red Pine.
57	3105 - Mixed Upland Herbaceous	1.1	No	Unspecified	Small natural opening surrounded by hawthorne
59	3105 - Mixed Upland Herbaceous	1.1	No	Unspecified	Old oil pad. Saplings of pine and aspen encroaching around edges.