



**ROSCOMMON FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 129 ENTRY YEAR: 2014

Compartment Acreage: 1717 County: Ogemaw

Revision Date: 07-26-2012

Stand Examiner: Ben Wiese

Legal Description: T22N R01W sections 22, 27 and 34

Management Area: Ogemaw Hills

Management Goals: Provide for sustainable ecosystem based management including forest products, wildlife and recreation. Maintain healthy and diverse forested stands.

Soil and Topography: Topography is variable, ranging from flat outwash to hilly moraines. Upland soils include Gerrish, Graycalm and Grayling sands. Lowland soils include Deford and Tawas muck.

Ownership Patterns, Development, and Land Use in and Around the Compartment: The compartment is bordered by state owned and private land.

Unique, Natural Features: None noted

Archeological, Historical, and Cultural Features: No noted archaeological sites. The potential for prehistoric sites ranges from none to high.

Special Management Designations or Considerations:

Watershed and Fisheries Considerations: None noted.

Wildlife Habitat Considerations: Deer, grouse, turkey, bear, birds.

Mineral Resource and Development Concerns and/or Restrictions:

Vehicle Access: There is good access throughout the compartment utilizing county roads, various forest roads and old logging trails.

Survey Needs: None at this time

Recreational Facilities and Opportunities: Opportunities include hunting, hiking, dispersed camping, snowmobiling and ORV operating on designated trails.

Fire Protection: Forest cover types are mostly deciduous. Potential wildfire risk is low to very high.

Additional Compartment Information:

- **The following 5 reports from the Inventory System:**
 - ◆ **Cover Type by Age Class**
 - ◆ **Cover Type by Management Objective**
 - ◆ **Compartment Volume Summary**
 - ◆ **Proposed Treatments – No Limiting Factors**
 - ◆ **Proposed Treatments – With Limiting Factors**

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

Compartment: 129
 T22N R01W Sec. 22, 27, 34
 County: Roscommon
 Unit: Roscommon
 YOE: 2014
 Acres: 1,717 GIS Calculated
 Examiner: Ben Wiese
 Map Revised: 08/09/2012
 Map Phase: Pre-Review

Cover Type & Treatment Map

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

Legend

- Miris Corners
- Highway
- Paved Roads
- County Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- MCCCT Trails
- ORV Trails
- ORV Routes
- Snowmobile Trails
- ORV Trail
- ORV Route
- Snowmobile Trail
- MCCCT Trail
- Stream
- Intermittent Stream
- Lakes and Rivers

Forest Stands

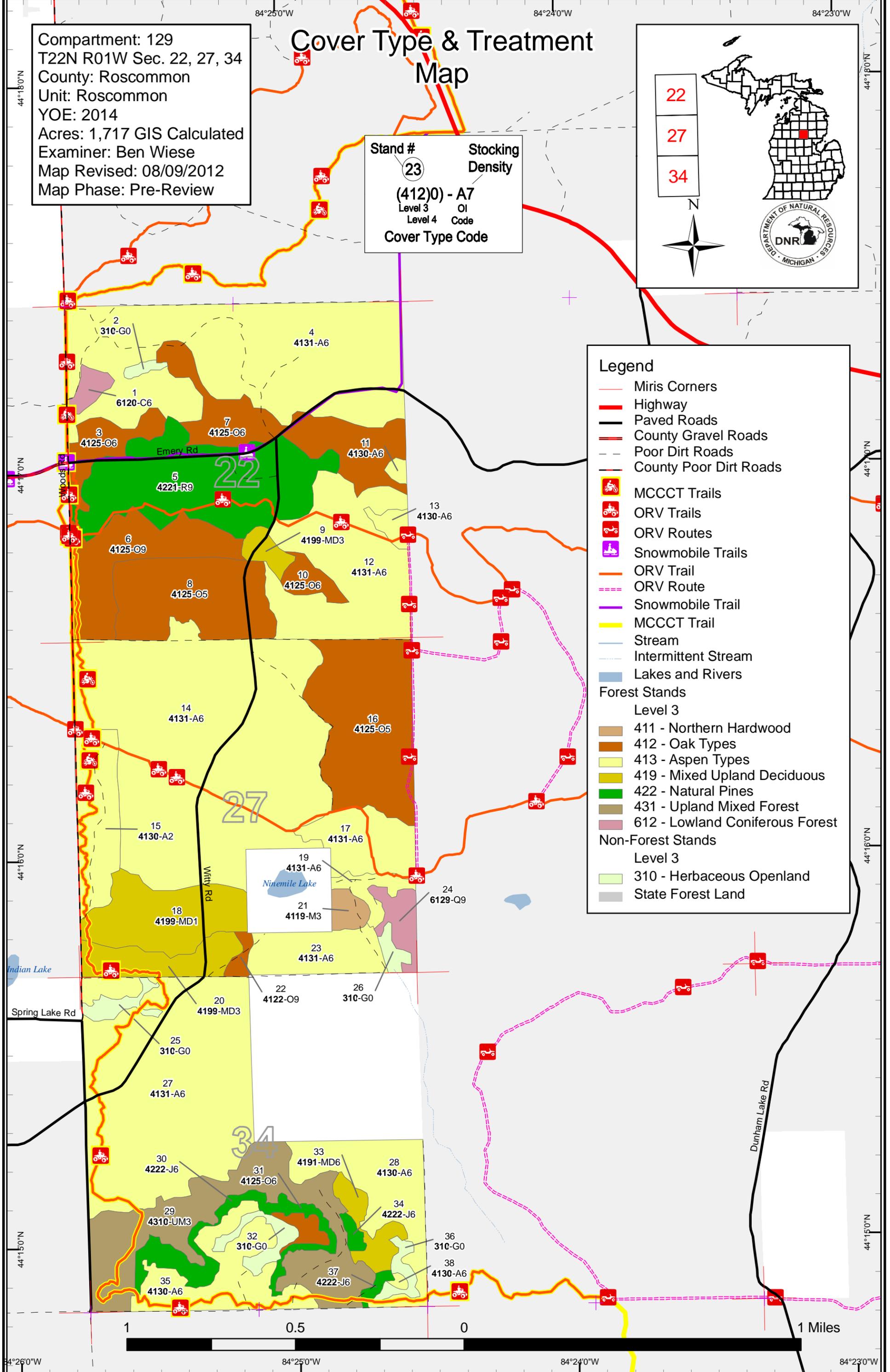
Level 3

- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 431 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest

Non-Forest Stands

Level 3

- 310 - Herbaceous Openland
- State Forest Land



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Stand Boundary Map

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- MCCCT Trails
- ORV Trails
- ORV Routes
- Snowmobile Trails
- ORV Trail
- ORV Route
- Snowmobile Trail
- MCCCT Trail
- Stream
- Intermittent Stream
- Stand Boundaries

Forest Stands

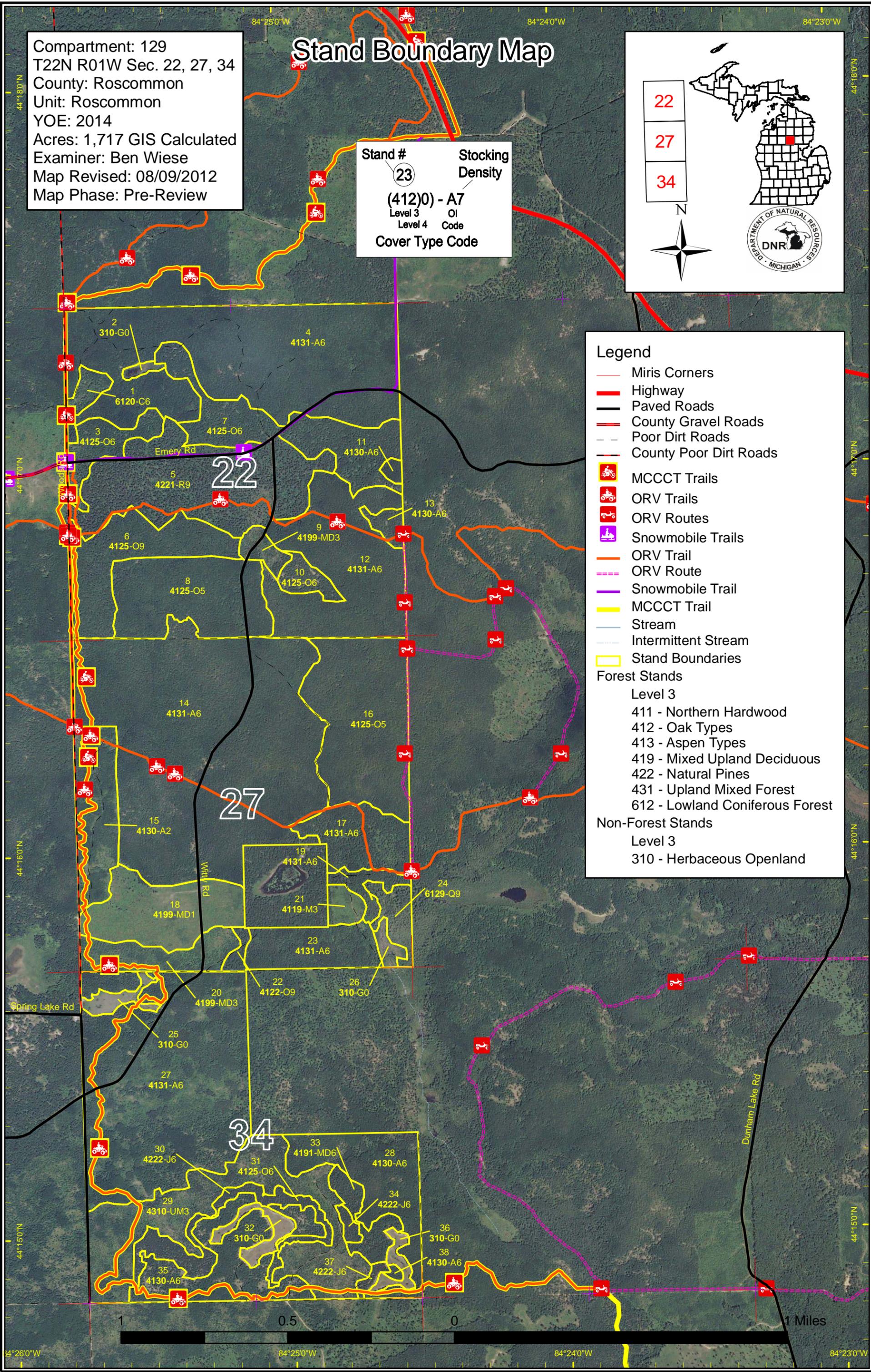
Level 3

- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 431 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest

Non-Forest Stands

Level 3

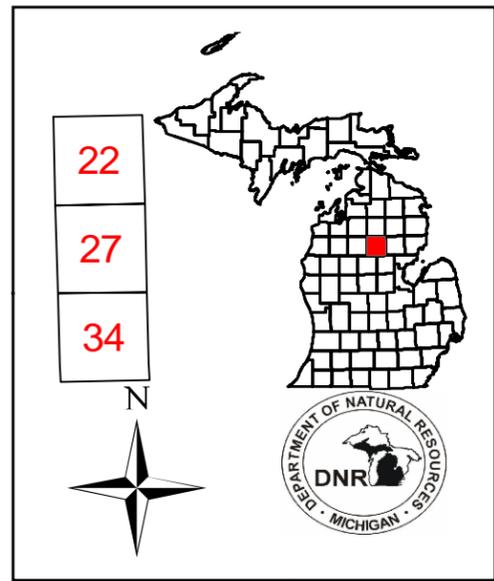
- 310 - Herbaceous Openland



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Dedicated & Proposed Special Conservation Area Map

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



- Legend**
- Miris Corners
 - Stand Boundaries
 - Forest Stands**
 - Level 3
 - 411 - Northern Hardwood
 - 412 - Oak Types
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 - 419 - Mixed Upland Deciduous
 - 422 - Natural Pines
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 - Non-Forest Stands**
 - Level 3
 - 310 - Herbaceous Openland

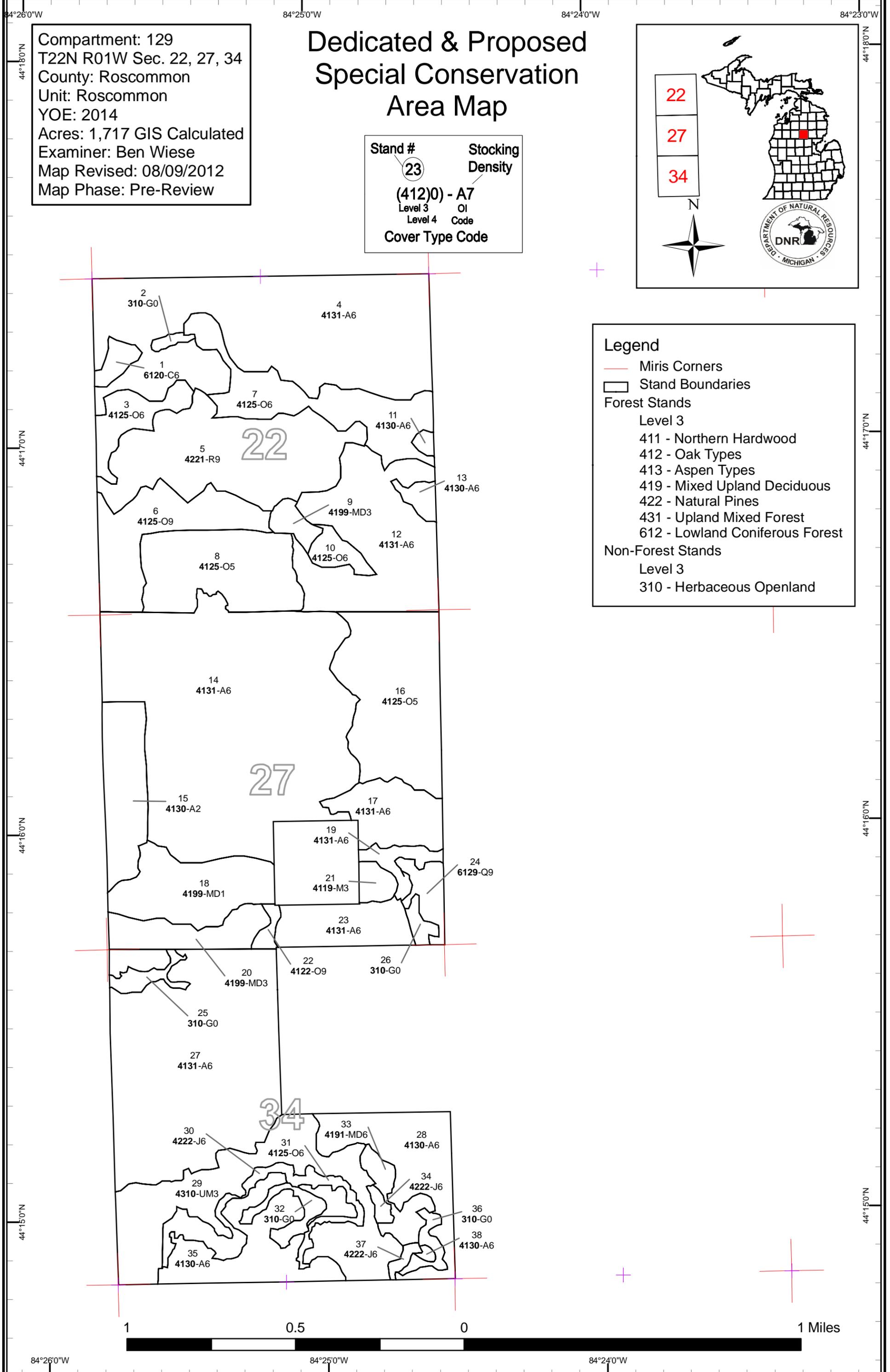
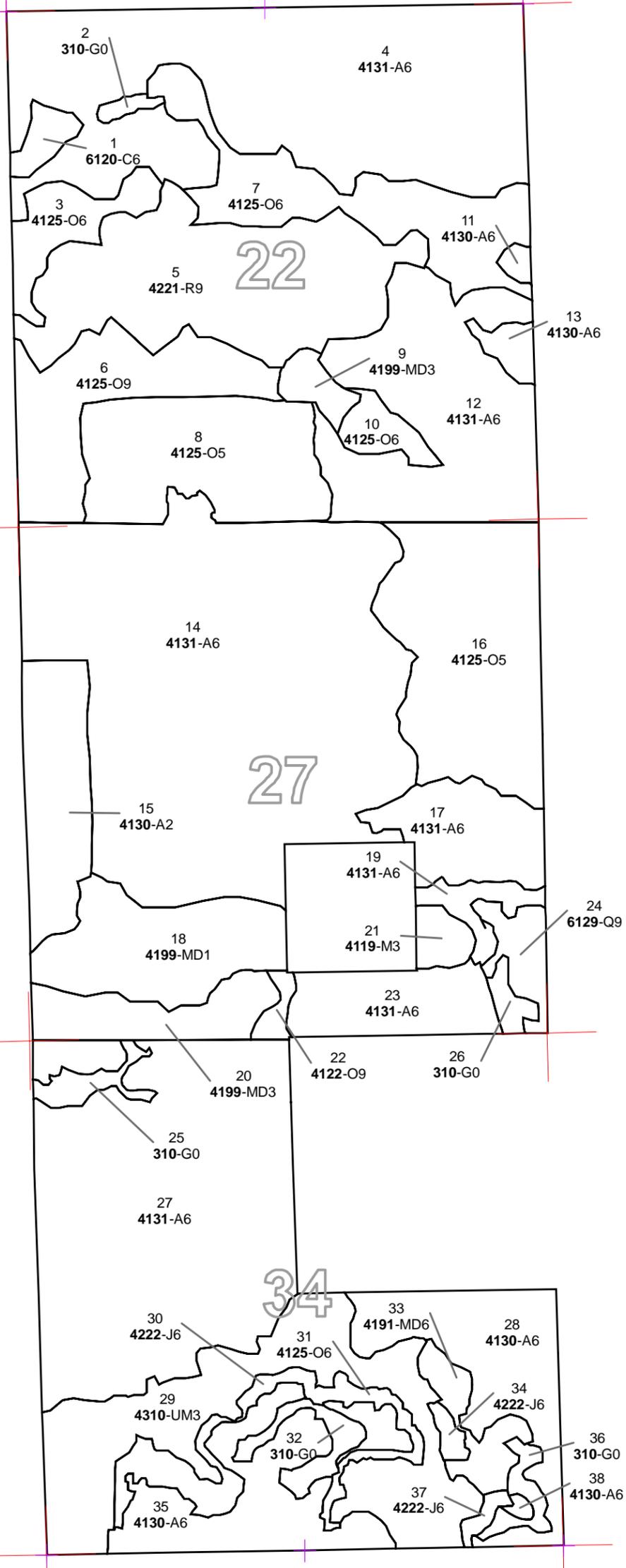


Table 1 – Total Acres by Cover Type and Age Class



| | 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 | 41 | 0 | 833 | 136 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1011 |
| Cedar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 7 |
| Herbaceous Openland | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| Jack Pine | 0 | 0 | 0 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 |
| Lowland Conifers | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 12 |
| Mixed Upland Deciduous | 53 | 35 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 102 |
| Northern Hardwood | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| Oak | 0 | 0 | 0 | 65 | 188 | 0 | 0 | 0 | 58 | 0 | 0 | 0 | 0 | 0 | 311 |
| Red Pine | 0 | 0 | 0 | 0 | 0 | 0 | 106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 106 |
| Upland Mixed Forest | 0 | 98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 98 |
| Total | 90 | 174 | 0 | 945 | 324 | 0 | 0 | 106 | 0 | 58 | 0 | 12 | 7 | 0 | 1717 |



Table 2 – Proposed Treatment Summaries

Roscommon Mgt. Unit
Year of Entry 2014

Compartment 129
Total Compartment Acres: 1717

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 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 |
|----------------|-------|-----------|--------------|-----------|----------|----------------|------------------|----------------------|-----------------|
|----------------|-------|-----------|--------------|-----------|----------|----------------|------------------|----------------------|-----------------|

#Error

Prescription
Specs:

Other
Comments:

Next
Steps:

Proposed
Start Date: #Error

**Total Treatment
Acreage Proposed: 0**

S
t
a
n
d

| Treatment Name | Acres | CoverType | Size Density | Stand Age | BA Range | Treatment Type | Treatment Method | Cover Type Objective | Approval Status |
|----------------|-------|-----------|--------------|-----------|----------|----------------|------------------|----------------------|-----------------|
|----------------|-------|-----------|--------------|-----------|----------|----------------|------------------|----------------------|-----------------|

#Error

Prescription
Specs:

Other
Comment:

Next
Steps:

Proposed
Start Date: #Error

Limiting Factor and No
Treatment Reason

Total Treatment
Acres 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 |
|----------------|-------|-----------|--------------|-----------|----------|----------------|------------------|----------------------|-----------------|
|----------------|-------|-----------|--------------|-----------|----------|----------------|------------------|----------------------|-----------------|

Prescription
Specs:

Other
Comments:

Next
Steps:

Proposed
Start Date: #Error

**Total Treatment
Acreage Proposed: 0**



| | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | General Comments: |
|----|--|-------------------------|-------|--------------|-------------|--|
| 1 | 6120 - Lowland Cedar | High Density Pole | 6.9 | 120 | 81-110 | Lowland cedar and conifer swamp. A few small patches of blowdown, there is more balsam fir to the sw where the stand is a little higher. |
| 3 | 4125 - Black, N. Pin Oak | High Density Pole | 20.5 | 40 | 51-80 | Oak stand of 40 year old stump sprouts on PARvha |
| 4 | 4131 - Aspen, Oak | High Density Pole | 198.6 | 34 | 51-80 | Large aspen, oak stand with red maple and some cherry. Stand was regenerated in 1977. Topography is rolling hills. |
| 5 | 42210 - Natural Red Pine | High Density Log | 106.4 | 75 | 1-50 | Red pine stand was harvested in 1994 by removing all jack pine and merchantable oak. There is a heavy oak understory that is well developed. |
| 6 | 4125 - Black, N. Pin Oak | High Density Log | 53.7 | 97 | 81-110 | Black and red oak stand of medium to poor sawlog quality, growth has stagnated. There is trace amounts of paper birch and bigtooth aspen. There is more white pine in the west part of the stand. |
| 7 | 4125 - Black, N. Pin Oak | High Density Pole | 59.6 | 39 | 51-80 | Oak stand of mostly stump sprouts that was regenerated in the early 1970's. |
| 8 | 4125 - Black, N. Pin Oak | Medium Density Pole | 67.4 | 41 | 1-50 | Stand was harvested in late winter of 2011 as part of a series of aspen cuts that were intended to balance the aspen age class distribution the timber sale was called Paul's Aspen. All of the aspen and red maple were designated for harvest. The remaining stand is red and black oak. Ideally the oak will be able to grow better with less competition for sunlight, although there are areas where the oak is dense and should have been thinned. There is a second cohort of aspen and red maple that has regenerated. |
| 9 | 4199 - Other Mixed Upland Deciduous | High Density Sapling | 7.9 | 18 | | Stand was clearcut in 1994, it looks like it was used as a landing for the harvest of the adjacent stand. |
| 10 | 4125 - Black, N. Pin Oak | High Density Pole | 9.6 | 41 | 1-50 | Small, poor timber quality, limby, oak stand. The density is low, the trees are relatively short with large canopies. The understory is open. |
| 11 | 4130 - Aspen | High Density Pole | 2.4 | 41 | 81-110 | Small bigtooth aspen stand that is part of a much larger stand in the adjacent compartment. There is a very small component of oak. |
| 12 | 4131 - Aspen, Oak | High Density Pole | 95.6 | 41 | 111-140 | Aspen and oak stand with hills, some are steep. Part of this stand was harvested as part of Paul's aspen. |
| 13 | 4130 - Aspen | High Density Pole | 6.1 | 41 | | Aspen and oak stand of saplings and poles that is at the competitive stand exclusion stage. |
| 14 | 4131 - Aspen, Oak | High Density Pole | 287.6 | 35 | 81-110 | Hilly aspen and oak stand. The timber quality is better on the ridges and poorer in the valleys. |

| Stand | Roscommon Mgt. Unit | | 5 – Forested Stands | | | Compartment: 129 | General Comments: |
|-------|--|----------------------|---------------------|-----------|----------|---------------------|--|
| | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Year of Entry: 2014 | |
| 15 | 4130 - Aspen | Medium Density | 41.2 | 16 | 51-80 | | Stand was regenerated in 1996. Scattered super canopy red pine and white pine. The oak is mostly from stump sprouts. |
| 16 | 4125 - Black, N. Pin Oak | Medium Density Pole | 90.7 | 41 | 1-50 | | Stand was harvested in late winter of 2011 as part of a series of aspen cuts that were intended to balance the aspen age class distribution the timber sale was called Paul's Aspen. All of the aspen and red maple were designated for harvest. The remaining stand is red and black oak. Ideally the oak will be able to grow better with less competition for sunlight, although there are areas where the oak is dense and should have been thinned. There is a second cohort of aspen and red maple that has regenerated. |
| 17 | 4131 - Aspen, Oak | High Density Pole | 33.6 | 39 | 51-80 | | Aspen and oak stand that appears to have been regenerated in 1973. |
| 18 | 4199 - Other Mixed Upland Deciduous | Low Density Sapling | 52.7 | 6 | | | Stand harvested in 2006. Planted to red pine in 2008 or 2009. |
| 19 | 4131 - Aspen, Oak | High Density Pole | 9.9 | 39 | | | Stand was regenerated in 1973. Mostly aspen with oak, cherry and white pine. |
| 20 | 4199 - Other Mixed Upland Deciduous | High Density Sapling | 26.9 | 16 | | | Stand was regenerated in 1996. |
| 21 | 4119 - Mixed Northern Hardwoods | High Density Sapling | 7.4 | 6 | | | Stand regenerated in 2006. Covertypes are mostly cherry. Oak and maple regeneration are both stump sprouts and single stem. |
| 22 | 4122 - Oak, Pine | High Density Log | 4.0 | 97 | 81-110 | | Mature oak and pine stand with cherry and hawthorne understory. |
| 23 | 4131 - Aspen, Oak | High Density Pole | 31.9 | 42 | 51-80 | | Stand was regenerated in the 1970's. Mostly aspen both bigtooth and quaking. There is some variability with the diameters and ages of the aspen. The east part of the stand drops off, the slope is relatively steep and there are some mature oaks. |
| 24 | 6129 - Mixed Coniferous Lowland Forest | High Density Log | 12.4 | 112 | 111-140 | | Lowland conifer with white pine, cedar and balsam fir. Some very large super canopy white pine. Balsam fir is sapling and pole size, occurring mostly in the central part of the stand. |
| 27 | 4131 - Aspen, Oak | High Density Pole | 198.0 | 38 | | | Large stand mostly aspen and oak. Covertypes are clonal, having patches of aspen and patches of oak, some areas are mixed. The concentration of canopy species is variable. |
| 28 | 4130 - Aspen | High Density Pole | 54.6 | 37 | 51-80 | | 37 year old aspen stand that is part of a larger stand to the east. Pockets where oak and cherry are dominant. Site quality varies, consequently so does the quality of the timber. |
| 29 | 4310 - Pine, Oak Mix | High Density Sapling | 98.0 | 15 | | | Jack pine with mixed oak and cherry. Stand was regenerated in 1996 or 1997. Trenched and jack pine was direct seeded in Dec. 1997. |



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Roscommon Mgt. Unit

5 – Forested Stands

Compartment: 129
Year of Entry: 2014

| | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | General Comments: |
|-----------|---|----------------------|-------|--------------|-------------|---|
| 30 | 42220 - Natural Jack Pine | High Density Pole | 26.1 | 37 | 51-80 | Jack pine stand originated around 1975. Old fire plow lines present. |
| 31 | 4125 - Black, N. Pin Oak | High Density Pole | 5.8 | 37 | 1-50 | Oak stand, mostly black oak. Density is low especially in the central part of the stand, |
| 33 | 4191 - Mixed Upland Deciduous with Conifer | High Density Pole | 14.4 | 37 | 1-50 | Jack pine mixed upland stand. |
| 34 | 42220 - Natural Jack Pine | High Density Pole | 3.0 | 37 | | Jack pine stand with trace amounts of oak, year of origin is around 1975. Saplings and poles with very little understory aside from bracken fern. |
| 35 | 4130 - Aspen | High Density Pole | 50.0 | 37 | 51-80 | Aspen, oak and jack pine stand. |
| 37 | 42220 - Natural Jack Pine | High Density Pole | 2.8 | 37 | | Pole sized jack pine stand with a small amount of oak. |
| 38 | 4130 - Aspen | High Density Pole | 1.2 | 37 | | Small bigtooth aspen stand with trace oak. Age was estimated based on the adjacent stands. |



| Stand | Cover Type | Acres | Managed Site | Management Priority (Objective) | General Comments: |
|-------|--------------|-------|--------------|---------------------------------|--|
| 2 | 3102 - Grass | 2.4 | N/A | Unspecified | Grass with open water and willow. |
| 25 | 3102 - Grass | 7.2 | Yes | Unspecified | Wildlife opening |
| 26 | 3102 - Grass | 4.6 | No | Unspecified | Old beaver flooding with alder around the edges. |
| 32 | 3102 - Grass | 9.4 | Yes | Unspecified | wildlife opening. |
| 36 | 3102 - Grass | 6.4 | Yes | Unspecified | Wildlife opening |



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 |
|--------------------------|-------------|--------------------|
|--------------------------|-------------|--------------------|
