



**ROSCOMMON FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 127 ENTRY YEAR: 2008

Compartment Acreage: 1272 County: Roscommon

Revision Date: 10-26-2006

Stand Examiner: Jason Lewicki

Legal Description: T22N R01W Sections 28 and 29

RMU (if applicable):N/A

Management Goals: To maintain species and structural diversity while managing the ecosystem for health, productivity, sustainability and recreation within the compartment.

Soil and Topography: Soils consist of Roselawn sands Topography to the west is generally flat but contains some hills and ridges to the east.

Ownership Patterns, Development, and Land Use in and Around the Compartment: The entire compartment as well as much of the surrounding area is under state ownership. There are some permanent residents on the south side of Spring and Indian lake.

Unique, Natural Features: Stands 13 and 19 were involved in "D.R.I.P." cuttings.

Archeological, Historical, and Cultural Features: None found

Special Management Designations or Considerations: Maintain good aspen age class diversity within D.R.I.P. cut areas.

Watershed and Fisheries Considerations: Spring and Indian Lake are in the south east part of the compartment.

Wildlife Habitat Considerations: Maintain good aspen age class diversity within D.R.I.P. cut areas.

Mineral Resource and Development Concerns and/or Restrictions: Sections 28 and 29, T22N-R1W. Surface sediments consist of ice-contact and glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 600 and 800 feet. Beneath the glacial drift is the Pennsylvanian Saginaw Formation. The Saginaw is quarried for clay elsewhere in the State. Most of the good gravel pits are associated with upland areas. Most of this Compartment is upland and potential is good. The abandoned Denton Creek Field is located four miles to the west. The field produced nearly 55,000 BO from the Devonian Detroit River Formation. The Compartment is not currently leased.

Vehicle Access: Vehicle access is excellent throughout the compartment.

Survey Needs: None

Recreational Facilities and Opportunities: Good vehicle access creates excellent hunting opportunities.

Fire Protection: This compartment is state entirely owned with little urban interface. This area consists of primarily hardwood cover types.

Additional Compartment Information:

Cover Type details and proposed treatments are listed in the attached reports:

- ◆ **Cover Type by Age Class**
 - ◆ **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**



Stage 1 Acres Summary By Level 3 Cover Type By Age												
Compartment: 71127												
Date: 10/25/2006												

	0	1-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	>89	Uneven Age	Grand Total
Aspen Types	0	255.8	201.1	0	355.4	0	0	0	0	0	0	0	812.3
Lowland Shrub	9.9	0	0	0	0	0	0	0	0	0	0	0	9.9
Mixed Upland Deciduous	0	39	0	0	10.9	0	0	0	0	0	0	0	49.9
Natural Pines	0	0	0	4.7	0	0	0	0	0	0	0	0	4.7
Oak Types	0	31.1	0	0	0	0	0	0	170.8	67.4	0	0	269.3
Upland Mixed Forest	0	14.9	0	0	0	0	0	0	0	0	0	92	106.9
Water	19.3	0	0	0	0	0	0	0	0	0	0	0	19.3
Grand Total	29.2	340.8	201.1	4.7	366.3	0	0	0	170.8	67.4	0	92	1272.3

**PROPOSED TREATMENTS
NO LIMITING FACTORS**

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Treatment Name	Acres	Stage1 CovType	Size Density	1st Age	2nd Age	Treatment Method	Treatment Purpose	Cover Type Objective	Pg. 1
2 71127002-Cut	92.0	Mixed Upland Forest	6	70	35	Clearcut with Reserves	Release	Mixed Upland Forest	

Rev Cmmt: Mix of jack pine and older oak. Bigtooth aspen found scattered and in clones. Some areas have good oak regen.. Pin cherry in understory.

Rev Spec: Harvest all jack pine , aspen and oak over 4 inches. Leave a few nicer crowned oaks favoring white oak.

Next Steps: Regeneration survey per work instructions. If oak, jack pine and aspen regeneration fails or is below desired stocking levels, plant jack pine.

12 71127012-Cut	50.8	Red Oak	9	75	0	Clearcut with Reserves	Regeneration	Oak, Aspen	
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Rev Cmmt: Oak ranges from fair quality pin oak to fair quality red oak and everything in between. Some white oak and some scattered bigtooth aspen found in clones.

Rev Spec: Final harvest stand leaving scattered oaks with nice mast producing crowns. Favor white oaks. Stand should regenerate from existing oak regen and oak stump sprouts. Pockets of aspen regen will fill some areas.

Next Steps: Regeneration survey done per work instructions. If oak and aspen regeneration does not reach adequate stocking levels plant understocked areas with red pine.

**Total Treatment
Acreage Proposed: 142.9**

**PROPOSED TREATMENTS
WITH LIMITING FACTORS**S
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a
n
dTreatment
Name

Acres

Stage1
CovTypeSize
Density1st
Age2nd
AgeTreatment
MethodTreatment
PurposeCover Type
Objective

Pg. 1

Limiting Factor
and Comment:

Rev
Cmnt:

Rev
Spec:

Next
Steps:

**Total Treatment
Acreage Proposed: 0**

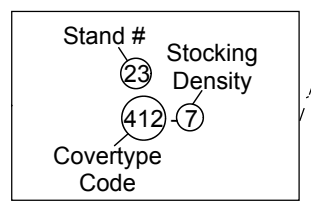
Field Map

N
 Compartment 127
 T22N, R1W, Sec. 28, 29
 County: Roscommon
 Unit: Roscommon
 YOE: 2008
 Acres: 1,272 GIS Calculated
 Stand Examiner: Jason Lewicki
 Map Revised: 10/30/2006
 Map Phase: Pre-review

29 28

N

Stocking Density	Definition
1	Sapling low
2	Sapling medium
3	Sapling well
4	Pole timber low
5	Pole timber medium
6	Pole timber well
7	Saw timber low
8	Saw timber medium
9	Saw timber well



Legend

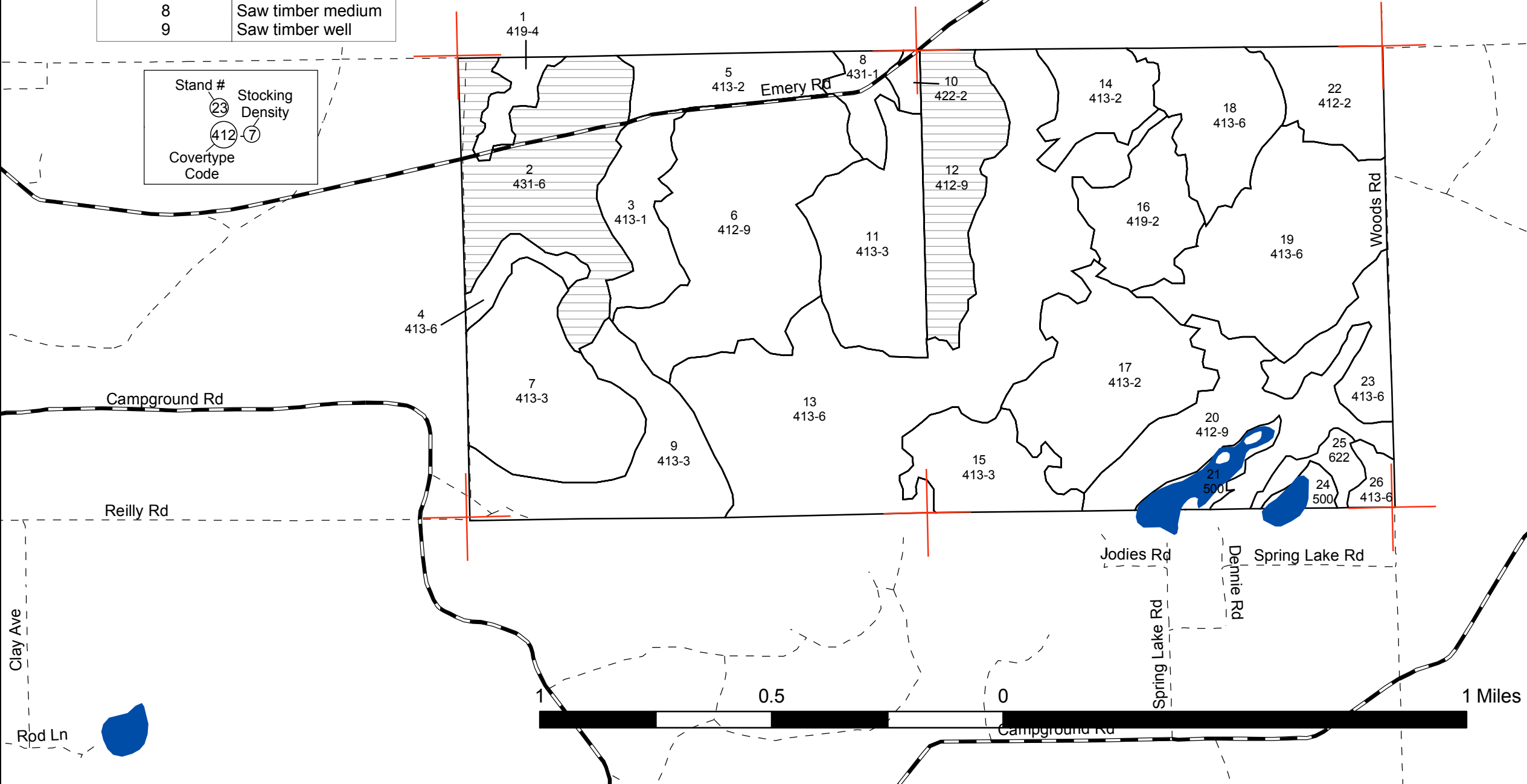
- Miris Corners
- Gravel Roads
- Poor Dirt Roads
- Intermittent Stream/Drain
- Stream
- Lakes and Rivers
- Stands
- Clearcut with Reserves

Forest Stands

- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 430 - Upland Mixed Forest

Non-Forest Stands

- 500 - Water
- 622 - Lowland Shrub

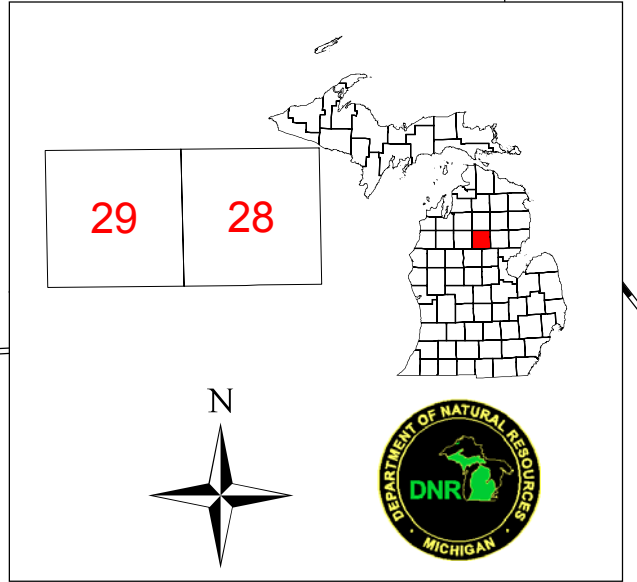


Clay Ave

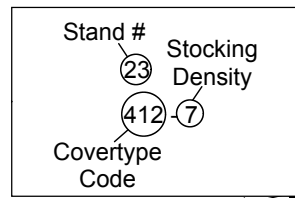
Rod Ln

Cover Type

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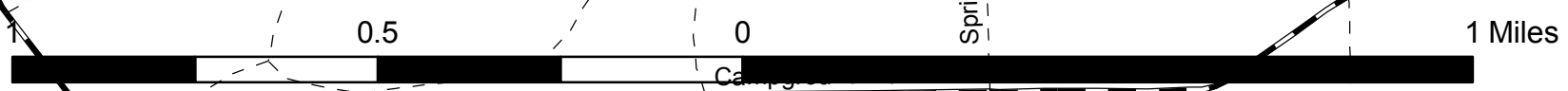
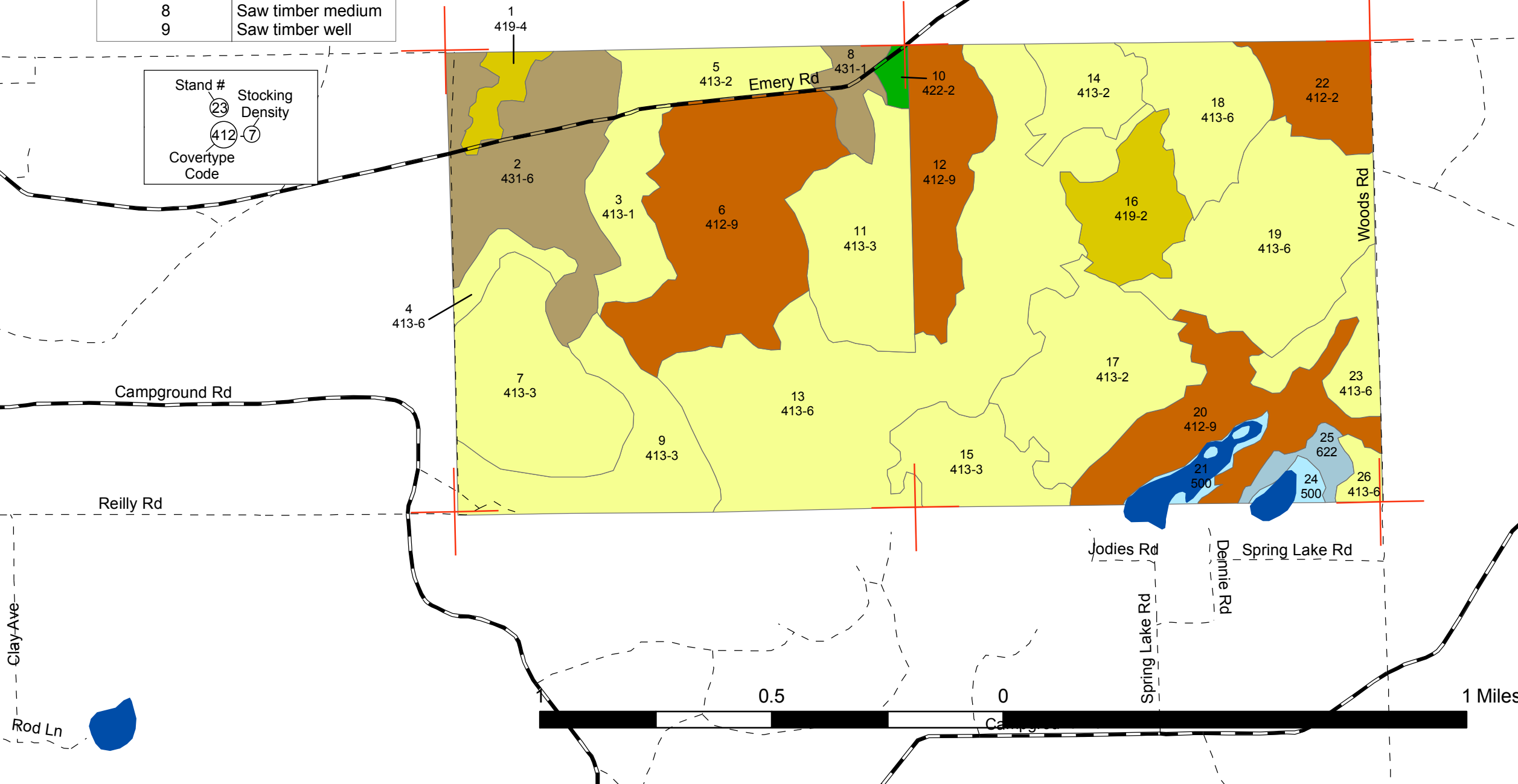
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Stand #
 23
 Stocking Density
 412-7
 Covertypes
 Code

Legend

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- Poor Dirt Roads
- Intermittent Stream/Drain
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