



SAULT FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION

COMPARTMENT # 1 ENTRY YEAR: 2008

Compartment Acreage: 2258

County: Chippewa

Revision Date: October 6, 2006

Stand Examiner: Jeffery Wise

Legal Description: T41N R6E, Sections 25, 26, 27, 34, 35, 36
T41N R7E, Sections 30, 31, 32
T42N R7E, Section 5

Management Goals: This compartment is on Drummond Island and contains the rare Alvar habitat type and has historically been managed for its maintenance and preservation. Some treatments have occurred in the way of harvesting of mature aspen stands to maintain health and sustainability of that forest type, but not in the vicinity of the Alvar. Although there are mature aspen stands in this compartment, no treatments will be recommended at this time due to Forest Certification Work Instruction 1.4 - pertaining to SCAs, Special Conservation Areas.

Soil and Topography: Potagannissing-Rock outcrop-Summerville: Exposed limestone bedrock and shallow, level to steep, poorly drained and well drained, loamy soils on ground moraines and glacial lake benches in the north part of the compartment. Shelter-Posen-Summerville: similar to above but a deeper soil in the south part of the compartment.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Large block of State land with no developments except a few scattered hunting camps. Primarily used for hunting, habitat viewing, and wildlife management. The compartment also borders the north shore of the island for approximately one mile consisting primarily of cobble beach. Raynolds Bay offers limited public access to the water from the trail leading to the rocky, shallow marsh area.

Unique, Natural Features: This compartment is primarily the Maxton Plains area, the Alvar habitat classification usually containing many threatened and endangered species. See the MNFI website for a list of these potential species. Alvar is a rare plant community which thrives on shallow soil overlying bedrock.

Archeological, Historical, and Cultural Features: Remains of an old hunting/trapping camp in Section 25.

Special Management Designations or Considerations: This compartment is an SCA, therefore no harvesting treatments are recommended this YOY.

Watershed and Fisheries Considerations: This compartment contains some Lake Huron coastline. Since no treatments are planned for this compartment, Fisheries has no comments.

Wildlife Habitat Considerations: This compartment lies in the Maxton Plains of Drummond Island and is in the St. Ignace ecological sub-subsection of the Northern Lacustrine-Influenced Upper Michigan and Wisconsin Section. This sub-subsection is typified by limestone bedrock at or near the surface and the compartment is known to possess some of the best remaining alvar globally. The compartment is dominated by various aged aspen stands with a conifer component. Wildlife species potentially using this compartment include white-tailed deer, bear, ruffed grouse, snowshoe hare, gray wolves, coyotes, and fox.

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of thin to discontinuous glacial deposits over bedrock. There is insufficient data to determine the glacial drift thickness. The Ordovician Queenston Shale subgroups below the glacial drift. The Queenston does not have a current economic use. Gravel pits are not located in this area and potential is unknown. There is no current economic oil and gas production in the UP.

Vehicle Access: Colton Bay Rd. borders the south side of the compartment with Poe Point Rd. accessing the northeast part. A few two tracks extend into the compartment through the grassy openings but fairly limited access into the interior due to the sensitivity of the Maxton Plains Alvar.

Survey Needs: Northeast ¼ of Section 31 but low priority.

Recreational Facilities and Opportunities: No facilities. This area is important for wildlife viewing, hunting, and nature education of the Alvar habitat type. There is a placard at the junction of Maxton Plains Rd and Colton Bay Rd explaining the rarity and importance of the Maxton Plains Alvar. Colton Bay Rd is a snow trail but there are no ORV trails. A trail leading to Reynolds Bay provides limited boat access to Lake Huron.

Fire Protection: Access is good to the west, south, and east, sides of the compartment but the interior would be difficult to access. Water sources would be sufficient but not too near. Some structure protection would be a concern on the south, east, and north side.

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: 45001

Date: 10/6/2006

	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	0	104.7	0	0	0	148.4	0	0	0	0	516.9	770
Emergent Wetland	33.2	0	0	0	0	0	0	0	0	0	0	0	33.2
Herbaceous Openland	316.4	0	0	0	0	0	0	0	0	0	0	0	316.4
Lowland Coniferous Forest	0	0	0	0	0	0	0	0	0	0	0	54.7	54.7
Lowland Deciduous Forest	0	0	0	0	0	0	0	0	0	0	0	240.2	240.2
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	0	60.1	60.1
Lowland Shrub	46.7	0	0	0	0	0	0	0	0	0	0	0	46.7
Mixed non-forested wetland	5.8	0	0	0	0	0	0	0	0	0	0	0	5.8
Natural Pines	0	0	0	0	0	0	0	0	0	0	0	18.6	18.6
Other Upland Conifers	0	0	0	0	0	0	0	0	0	0	0	49	49
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	0	0	616.2	616.2
Water	47.4	0	0	0	0	0	0	0	0	0	0	0	47.4
Grand Total	449.5	0	104.7	0	0	0	148.4	0	0	0	0	1555.7	2258.3

**PROPOSED TREATMENTS
NO LIMITING FACTORS**

S
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Treatment Name	Acres	Stage1 CovType	Size Density	1st Age	2nd Age	Treatment Method	Treatment Purpose	Cover Type Objective	Follow Up Activities After Treatment	Pg. 1
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Rev
Spec:
Rev
Cmnt:

**Total Treatment
Acreage Proposed: 0**

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

Acres

Stage1
CovTypeSize
Density1st
Age2nd
AgeTreatment
MethodTreatment
PurposeCover Type
ObjectiveFollow Up Activities
After Treatment




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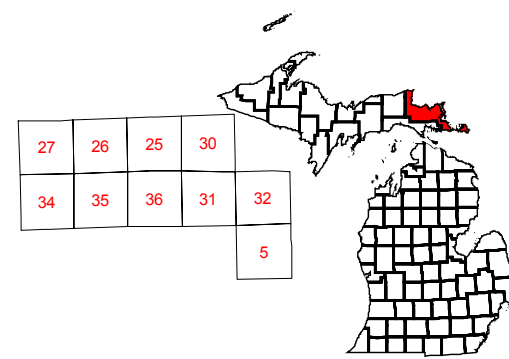
Limiting Factor
and Comment:Rev
Spec:Rev
Cmnt:



**Total Treatment
Acreage Proposed: 0**

Compartment 1
 T43N, R6E, Sec. 25, 26, 27, 34, 35, 36
 T43N, R7E, Sec. 29, 30, 31, 32
 T42N, R7E, Sec. 5
 County: Chippewa
 Unit: Sault Ste. Marie
 YOE: 2008
 Acres: 2,258 GIS Calculated
 Stand Examiner: Jeffery Wise
 Map Revised: 10/03/2006
 Map Phase: Pre-review

Field Map




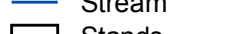

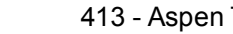
Stand #  Stacking Density
 
 Covertype Code



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

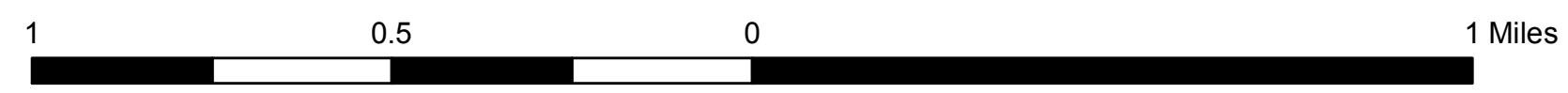
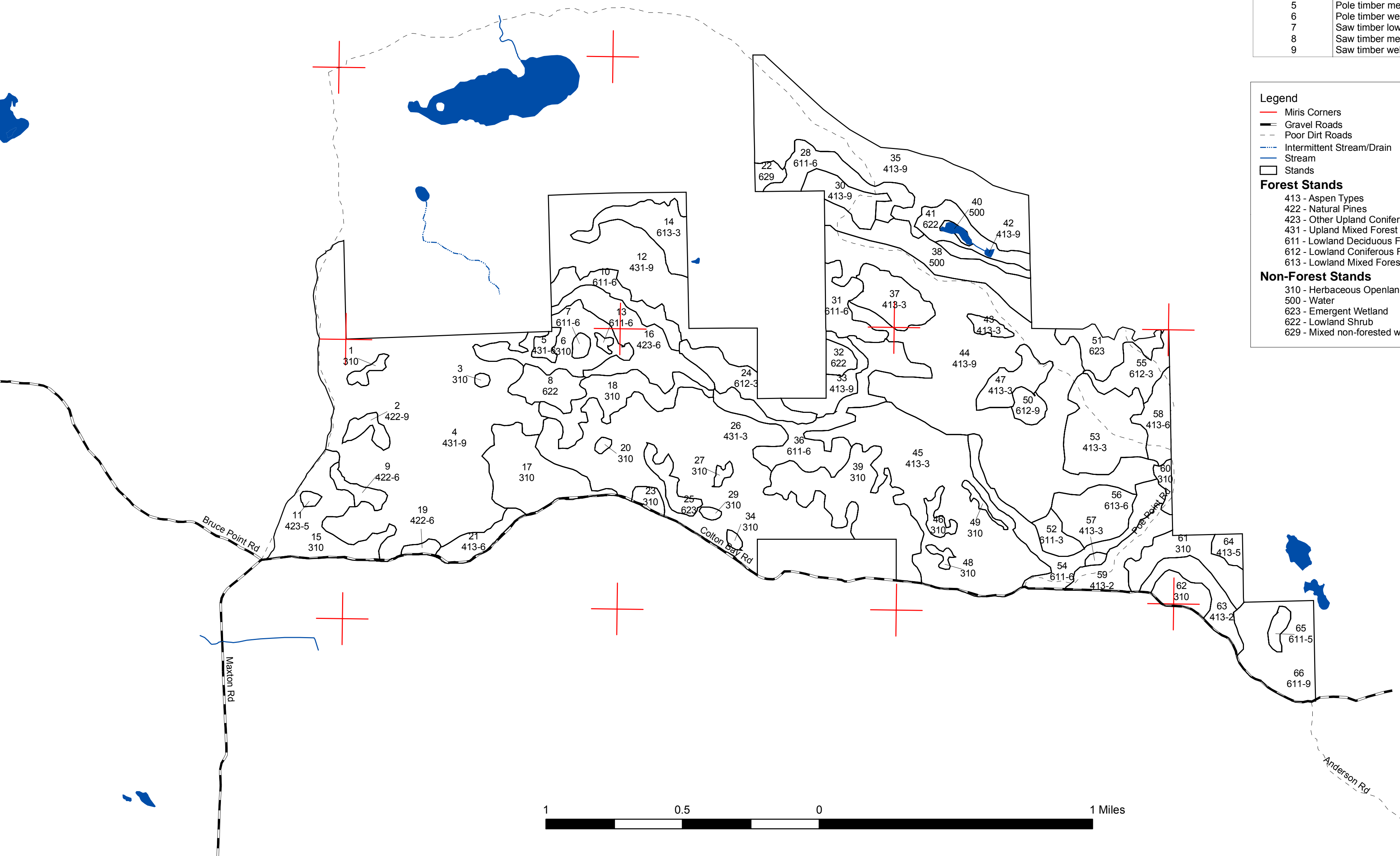
-  Miris Corners
-  Gravel Roads
-  Poor Dirt Roads
-  Intermittent Stream/Drain
-  Stream
-  Stands

Forest Stands

- 413 - Aspen Types
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 431 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest

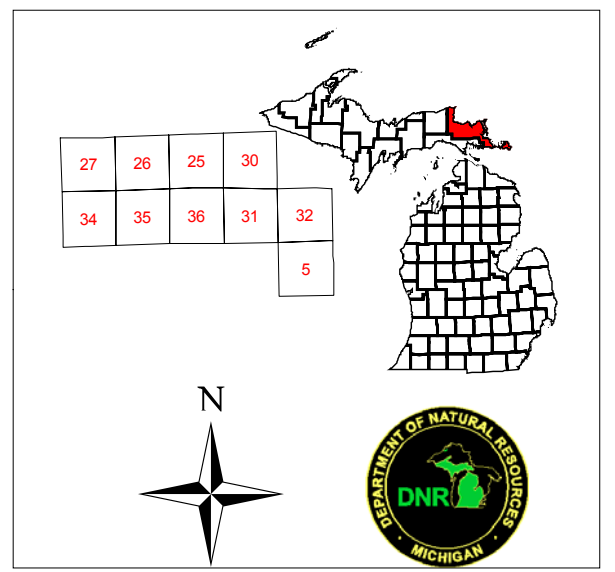
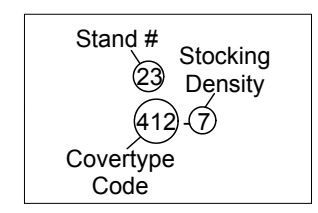
Non-Forest Stands

- 310 - Herbaceous Openland
- 500 - Water
- 623 - Emergent Wetland
- 622 - Lowland Shrub
- 629 - Mixed non-forested wetland



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Legend

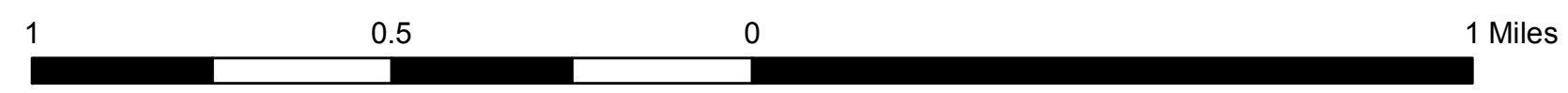
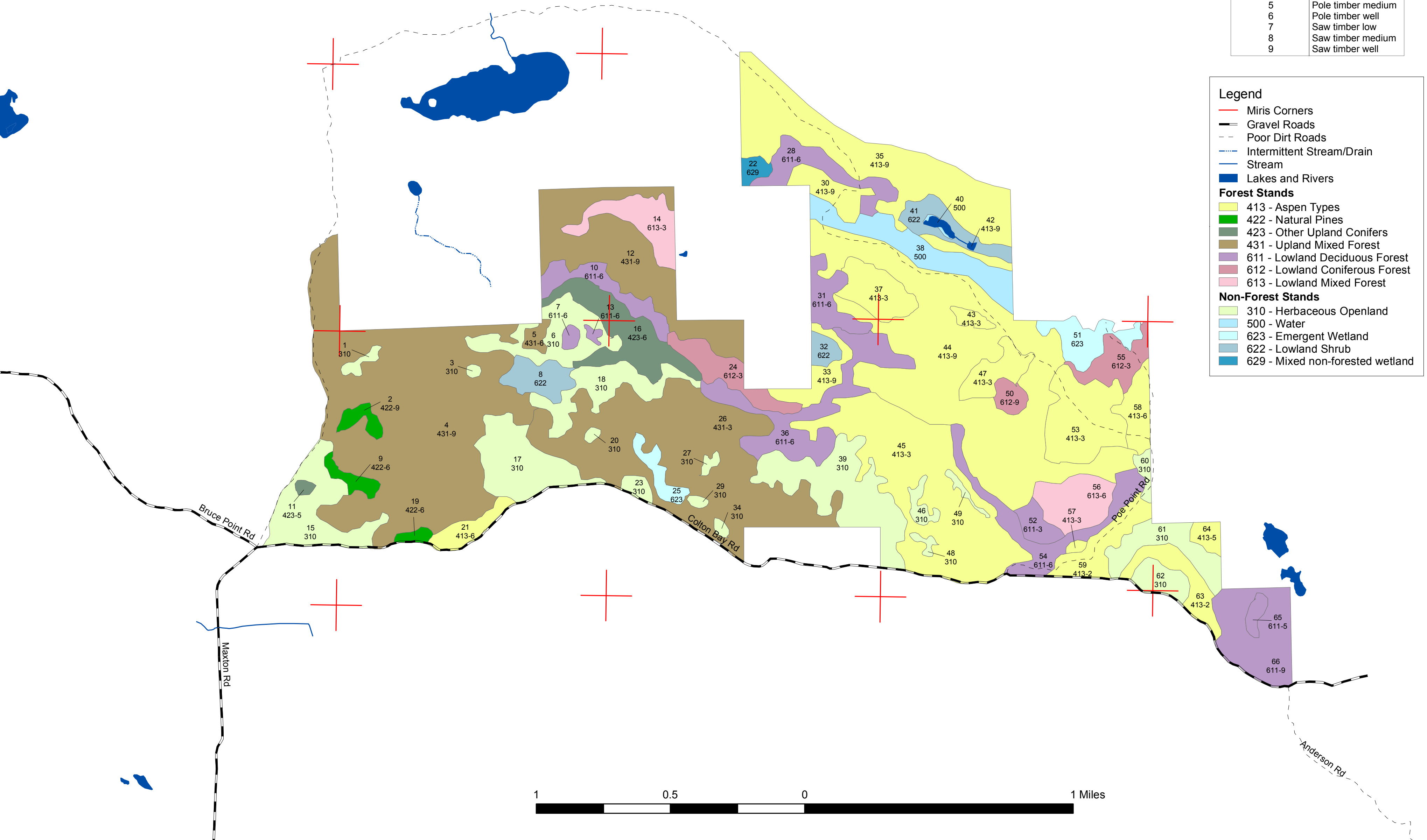
- Miris Corners
- Gravel Roads
- Poor Dirt Roads
- Intermittent Stream/Drain
- Stream
- Lakes and Rivers

Forest Stands

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- 422 - Natural Pines
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Treatment

Stand #
 Stacking
 Density
 Covertype
 Code

23
 412-7

27 26 25 30
 34 35 36 31 32
 5

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
- Stands

Forest Stands

- 413 - Aspen Types
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 431 - Upland Mixed Forest
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Non-Forest Stands

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