



Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 35

Entry Year 2016

Acreage: 198

County Chippewa

Management Area: Kinross Bog

Revision Date: 06/17/2014

Stand Examiner: Jeff Wise

Legal Description:

T44N, R1W, Sec 29, 32

Identified Planning Goals:

Much of this compartment has been treated in past YOEs. This YOE will include treatments to two silviculturally mature upland stands of aspen, mixed conifer, to assure age class diversity for a variety of species and to regenerate older stands. The former east block of this compartment has been sold. This block is also up for sale.

Soil and topography:

Soils are Pickford-Rudyard-Ontonogan Association; very deep, nearly level to steep-poorly drained to well drained loamy soils on lake plains. Topography is gently rolling to level.

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

The compartment is surrounded by private land with no legal access. Land use is farming, private residences, and hunting camps.

Unique Natural Features:

No Unique Natural Features known.

Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

Special Management Designations or Considerations:

None at this time, this block is up for disposal per land sale.

Watershed and Fisheries Considerations:

This compartment is within the Munuscong River watershed. Standard BMPs should be applied in wetland areas.

Wildlife Habitat Considerations:

This compartment, which is in the Kinross Bog Management Area, is small and disjunct from other state forest compartments in this management area. It contains aspen types of varying age classes. No public access is available to this compartment. The primary wildlife habitat objective is to maintain age class diversity between aspen stands and maintain cover that will benefit ruffed grouse, American woodcock, snowshoe hare, and black bear.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of lacustrine (lake) clay and silt. The glacial drift thickness varies between 100 and 200 feet. The Ordovician Queenston Shale, Big Hill Dolomite, and Stonington Formation subcrop below the glacial drift. The Big Hill and Stonington could be used for stone/dolomite. A gravel pit is located in Section 29 and potential appears to be good. There is no oil and gas production in the UP.

Vehicle Access:

There is no legal access for management or the public. Permission to manage is gained through a local landowner who has a gate blocking vehicle access.

Survey Needs:

None at this time.

Recreational Facilities and Opportunities:

No legal access, but hunting is the main event for the private landowners surrounding this compartment.

Fire Protection:

The DNR office in the SOO has a key to the gate. There is one trail bisecting the compartment. No water access within or

nearby the compartment.

Additional Compartment Information:

The following reports from the Inventory are attached:

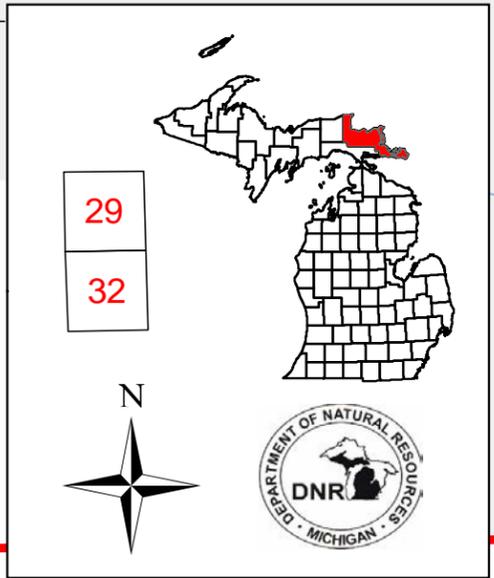
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

The following information is displayed, where pertinent, on the attached compartment maps:

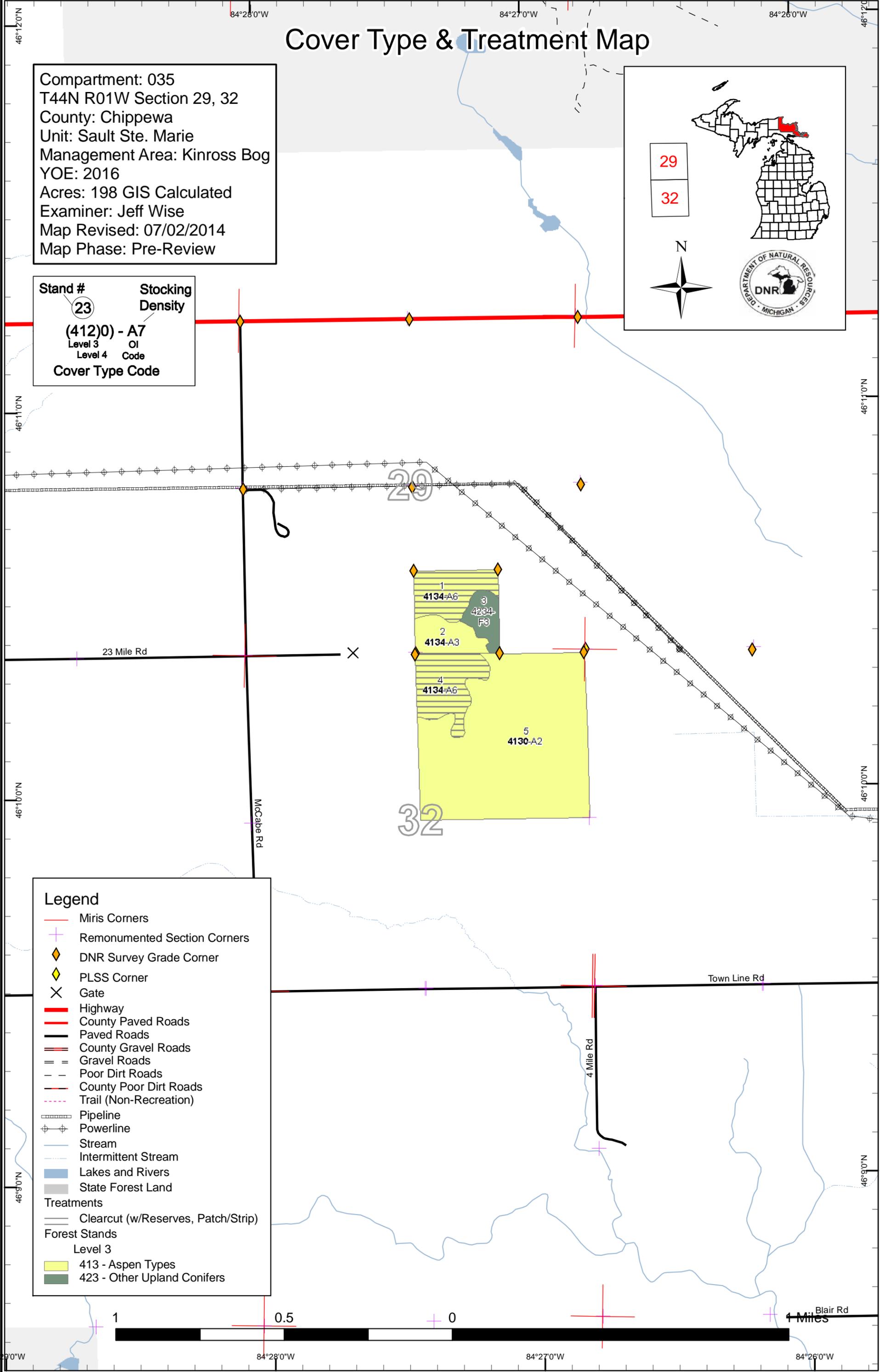
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatment Map

Compartment: 035
 T44N R01W Section 29, 32
 County: Chippewa
 Unit: Sault Ste. Marie
 Management Area: Kinross Bog
 YOE: 2016
 Acres: 198 GIS Calculated
 Examiner: Jeff Wise
 Map Revised: 07/02/2014
 Map Phase: Pre-Review



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



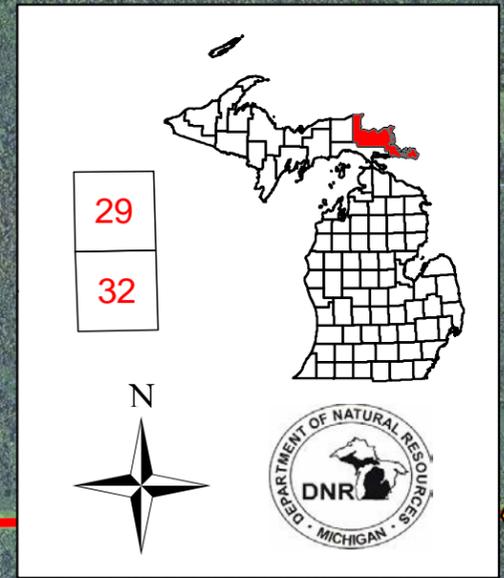
- Legend**
- Miris Corners
 - Remonumented Section Corners
 - ◆ DNR Survey Grade Corner
 - ◆ PLSS Corner
 - × Gate
 - Highway
 - County Paved Roads
 - Paved Roads
 - County Gravel Roads
 - Gravel Roads
 - Poor Dirt Roads
 - County Poor Dirt Roads
 - Trail (Non-Recreation)
 - Pipeline
 - Powerline
 - Stream
 - Intermittent Stream
 - Lakes and Rivers
 - State Forest Land
 - Treatments**
 - Clearcut (w/Reserves, Patch/Strip)
 - Forest Stands**
 - Level 3
 - 413 - Aspen Types
 - 423 - Other Upland Conifers



84°29'0"W 84°28'0"W 84°27'0"W 84°26'0"W

Stand Boundary Map

Compartment: 035
 T44N R01W Section 29, 32
 County: Chippewa
 Unit: Sault Ste. Marie
 Management Area: Kinross Bog
 YOE: 2016
 Acres: 198 GIS Calculated
 Examiner: Jeff Wise
 Map Revised: 07/02/2014
 Map Phase: Pre-Review



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

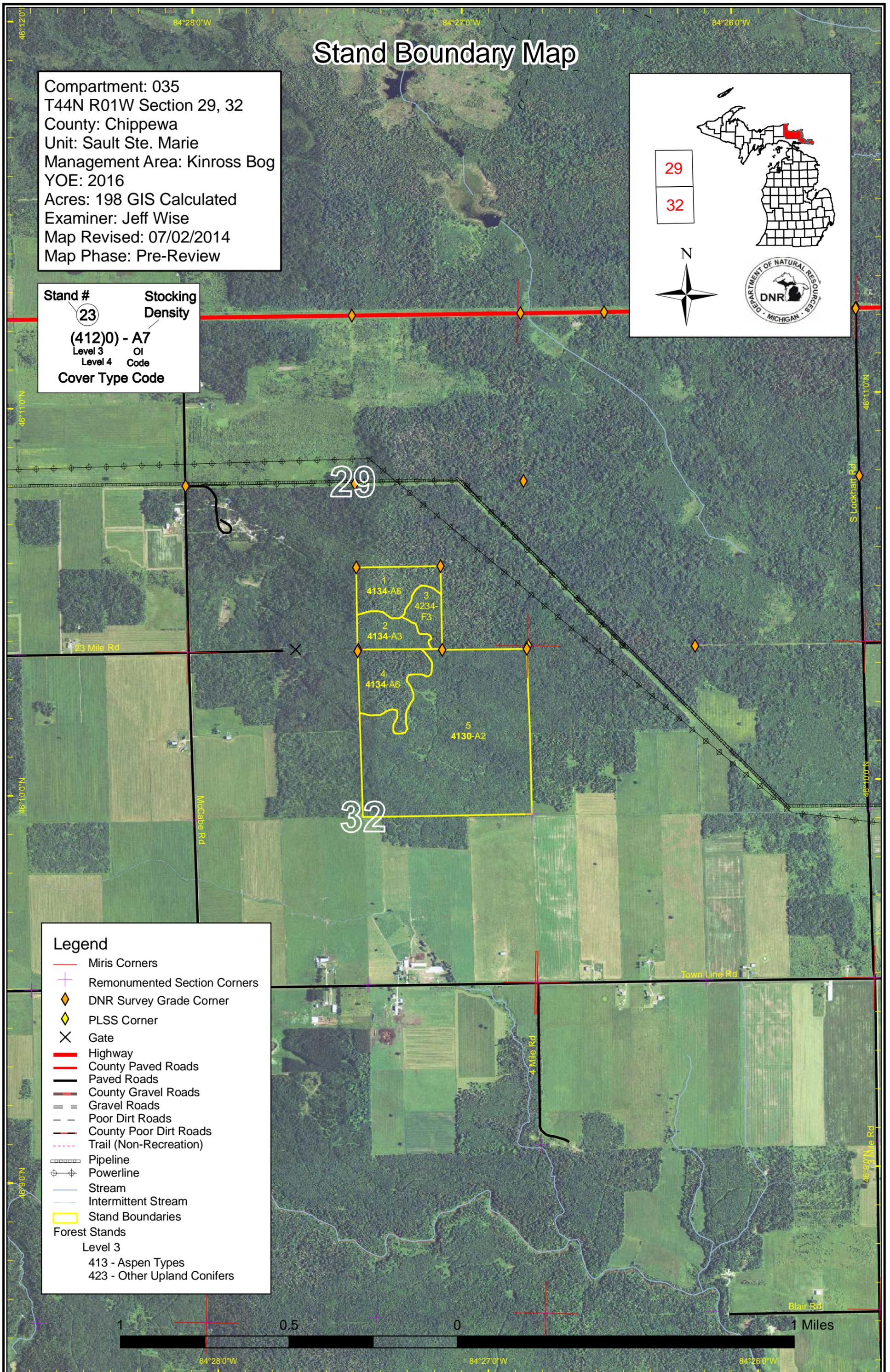
29

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1
 4134-A6
 2
 4134-A3
 3
 4234-F3
 4
 4134-A6
 5
 4130-A2

Legend

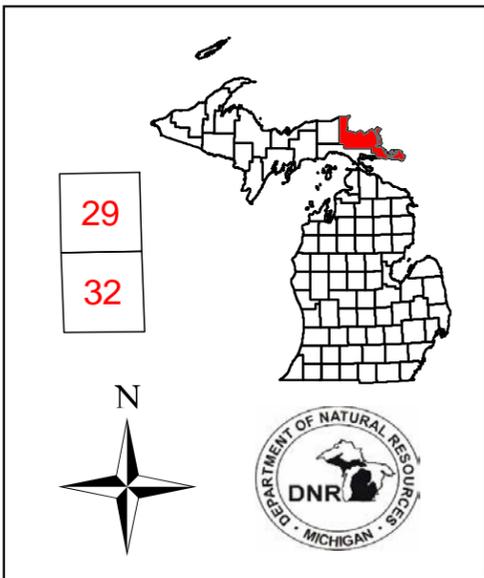
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- DNR Survey Grade Corner
- PLSS Corner
- Gate
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- Stand Boundaries
- Forest Stands**
- Level 3
- 413 - Aspen Types
- 423 - Other Upland Conifers



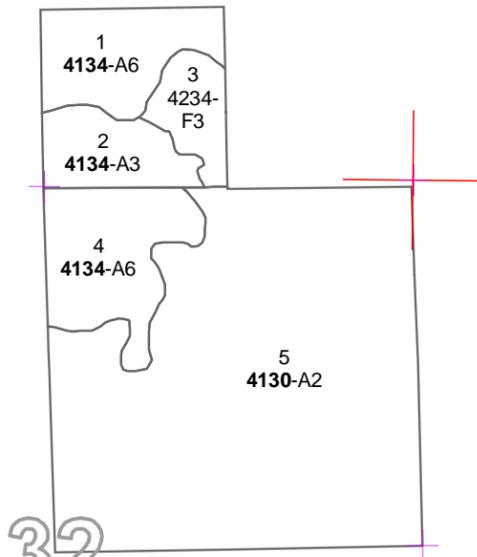
Special Conservation Areas & Site Conditions Map

Compartment: 035
 T44N R01W Section 29, 32
 County: Chippewa
 Unit: Sault Ste. Marie
 Management Area: Kinross Bog
 YOE: 2016
 Acres: 198 GIS Calculated
 Examiner: Jeff Wise
 Map Revised: 07/02/2014
 Map Phase: Pre-Review

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



29

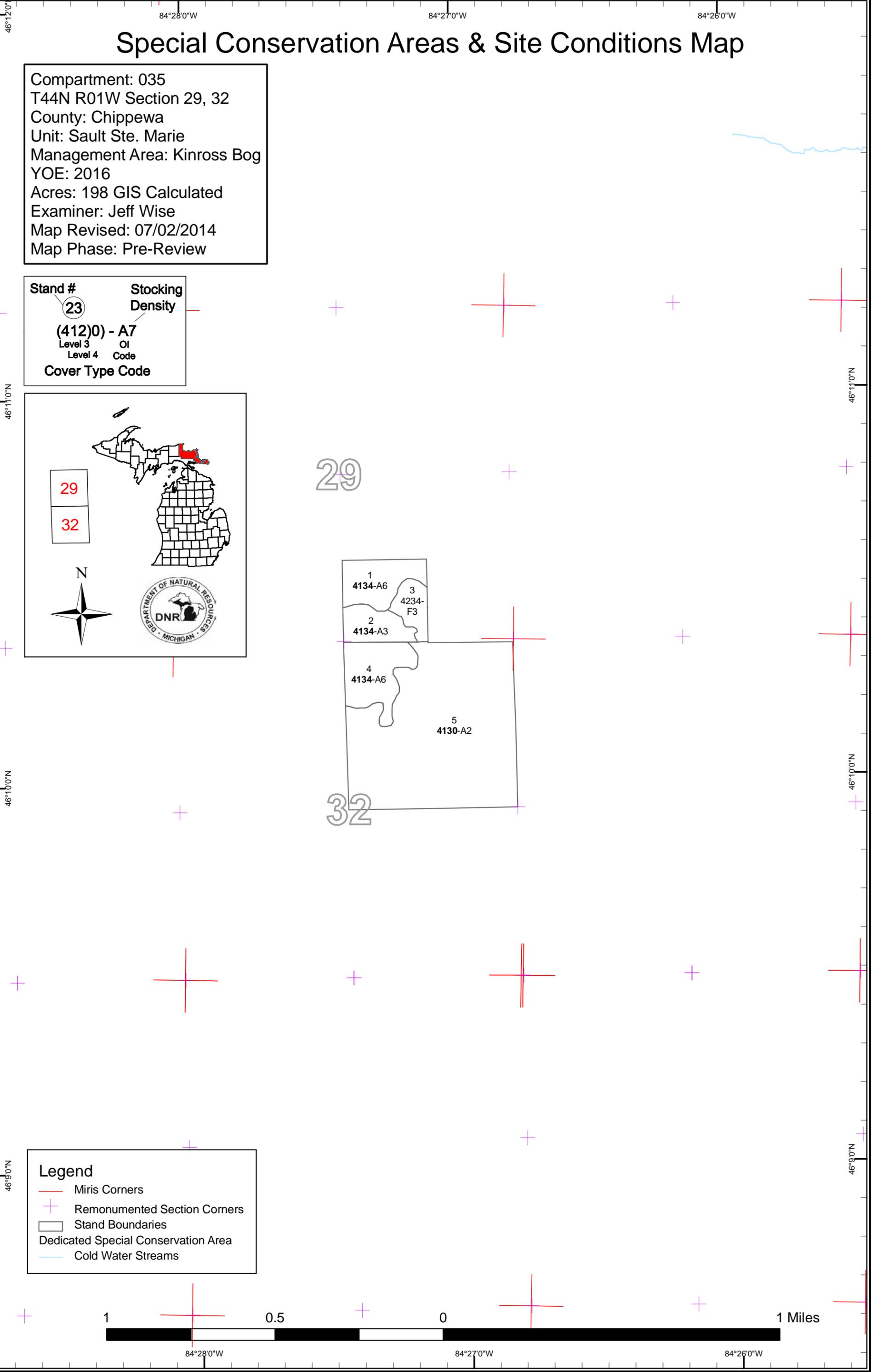


32

Legend
 — Miris Corners
 + Remonumented Section Corners
 □ Stand Boundaries
 Dedicated Special Conservation Area
 — Cold Water Streams



84°28'0"W 84°27'0"W 84°26'0"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	0	0	149	0	23	0	0	18	0	0	0	0	0	0	189
Upland Spruce/Fir	0	0	9	0	0	0	0	0	0	0	0	0	0	0	9
Total	0	0	158	0	23	0	0	18	0	0	0	0	0	0	198



Report 2 – Proposed Treatment Summaries

Sault Ste. Marie Mgt. Unit
Year of Entry 2016

Compartment 035
Total Compartment Acres: 198

Acres by Treatment Type

Commercial Harvest - 41	Tree Planting - 0	Other - 0
Habitat Cut - 0	Opening Maintenance - 0	

Cover Type by Harvest Method

		Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
Aspen Types		41	0	0	0	0	0	41
	Total	41	0	0	0	0	0	41

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	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
1	45035001-Cut	18.0	4134 - Aspen, Spruce/Fir	High Density Pole	79		Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal

Prescription Harvest all species except cedar, hemlock, oak, and pine if any exist in stand, and a few mature aspens and conifers.

Specs:

Other

Comments:

Next Steps: Check regen according to work instructions, acceptable regen is existing species.

Proposed

Start Date: 10/01/2015

4	45035004-Cut	22.6	4134 - Aspen, Spruce/Fir	High Density Pole	49		Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
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Prescription Harvest all species except cedar, oak, hemlock, and pine, if any exist.

Specs:

Other

Comments:

Next Steps: Check regen according to work instructions, acceptable regen is existing species.

Proposed

Start Date: 10/01/2015

**Total Treatment
Acreage Proposed: 40.7**



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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! #Type!

Prescription
Specs:

Other
Comment:

Next
Steps:

Proposed
Start Date: #Type!

Limiting Factor

Total Treatment
Acreage Proposed: 0.0

Availability for Management

Availability for Management			Dominant Site Conditions	
Total Acres	Acres Available	Acres Not Available		No
189	189		Aspen	189
9	9		Upland Spruce/Fir	9
198	198		Total Forested Acres	198
	100%		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.*



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
Comments				



Report 7 – EXISTING SPECIAL CONSERVATION AREA DETAILS

* This is a list of SCA's for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to the Special Conservation Area Map for locations of the below listed Conservation Areas.

ERA = Ecological Reference Area
HCVA = High Conservation Value Area
SCA = Special Conservation Area

Conservation Area	Type	Description
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Sault Ste. Marie Mgt. Unit

Report 8 – Forested Stands

Compartment: 035
Year of Entry: 2016



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	4134 - Aspen, Spruce/Fir	High Density Pole	18.0	79		Blue paint line is in up the west side, budworm damage to conifers.
2	4134 - Aspen, Spruce/Fir	High Density Sapling	12.4	26		Almost an "A6"
3	42340 - Upland Spruce/Fir	High Density Sapling	8.9	26		Almost an "F6"
4	4134 - Aspen, Spruce/Fir	High Density Pole	22.6	49		Some advanced regen, 3-4 inch conifers and poplars, budworm damage to conifers.
5	4130 - Aspen	Medium Density	136.4	26		Vast expanse of A3/P3, illegal deer blinds and shooting lanes, can be seen on imagery.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
#Type!					
