



Compartment Review Presentation

Escanaba Forest Management Unit

Compartment 79

Entry Year 2015

Acreage: 942

County Delta

Management Area: Green Bay Lake Plain

Revision Date: 06/24/2013

Stand Examiner: Dan Racine

Legal Description:

T37N, R24W, Sections 5 & 6

Identified Planning Goals:

The majority of the compartment is in lowland cover types with the majority being cedar. The other lowland cover types are lowland spruce and fir, tamarack, and lowland conifer and lowland deciduous. The upland cover types within this compartment are a mix of aspen, northern hardwood, and mixed upland conifer and deciduous species. The treatments within the lowland cover types are seed tree and clearcut harvests within black spruce and tamarack stands. The treatments within the upland cover types are selection harvests within the higher quality hardwood stands designed to improve the existing stand quality and clearcut with reserves in the mixed red maple and conifer types to establish the maple regeneration and enhance existing spruce and balsam fir regeneration.

Soil and topography:

Topography is level to slightly rolling. Soils are poorly drained, somewhat poorly drained, and well drained sands and very poorly drained, extremely acid mucks and peats. Major soil series are Deford, Wainola, Rousseau, Dawson, Greenwood, and Kinross.

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

This is the northern part of a large block of state land that extends south and west into Menominee County. Ownership to the east is mostly private. Most of the land in and around this compartment is forestland with some farm fields to the north. There are little or no developments around this compartment.

Unique Natural Features:

The Northern tip of the Seven Mile Marsh is within this compartment.

Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

Special Management Designations or Considerations:

None.

Watershed and Fisheries Considerations:

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of medium-textured glacial till and lacustrine (lake) sand and gravel. The glacial drift thickness varies between 10 and 50 feet. The Ordovician Trenton Limestone underlies the glacial drift. The Trenton is quarried for stone just west of Escanaba. This Compartment has not been previously leased for metallic exploration. Gravel pits are located in Section 10 and there appears to be potential. No economic oil and gas production has been found in the UP.

Vehicle Access:

Access is good through the center of the compartment via the Seven Mile Marsh road. There is nearby access on the East and West side of the compartment, however the East side access is through private property.

Survey Needs:

Survey corners will need to be requested to prepare timber sales.

Recreational Facilities and Opportunities:

No developed recreation, however this is an excellent area for hunting.

Fire Protection:

This area is mainly lowland and not susceptible to fire. The areas of upland are very accessible should a fire occur in this area. No high hazard fuels in this area.

Additional Compartment Information:

The following reports from the Inventory are attached:

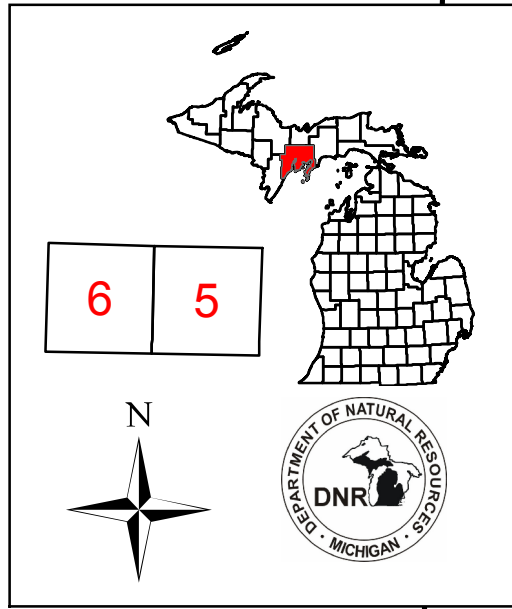
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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: 079
 T37N R24W
 05 06
 County: Delta
 Unit: Escanaba
 YOE: 2015
 Acres: 942 GIS Calculated
 Examiner: Dan Racine
 Map Revised: 07/22/2013
 Map Phase: Pre-Review



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

Legend

- Miris Corners
- Highway
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Trail (Non-Recreation)
- Closed Roads
- Stream
- Intermittent Stream
- Lakes and Rivers
- State Forest Land

Treatments

- ▭ Clearcut (w/Reserves, Patch/Strip)
- ▨ Seed Tree (w/Reserves)
- ▧ Thinning (Crown, Low, Systematic)
- ▩ Selection (Group, Single Tree)
- Other Treatment - See Comments

Forest Stands

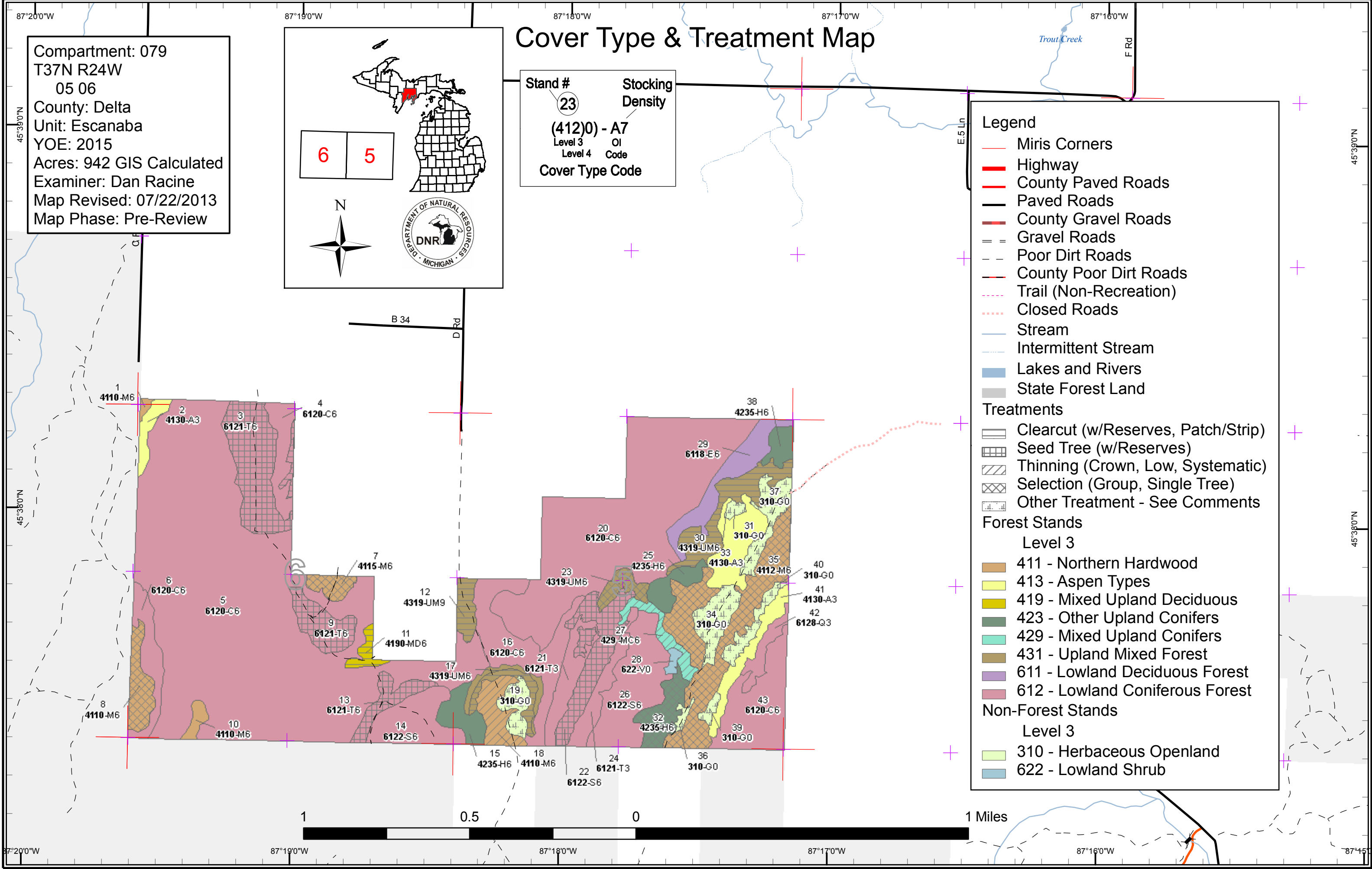
Level 3

- 411 - Northern Hardwood
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 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

- 310 - Herbaceous Openland
- 622 - Lowland Shrub



Stand Boundary Map

Compartment: 079
 T37N R24W
 05 06
 County: Delta
 Unit: Escanaba
 YOE: 2015
 Acres: 942 GIS Calculated
 Examiner: Dan Racine
 Map Revised: 07/22/2013
 Map Phase: Pre-Review

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

Legend

- Miris Corners
- Highway
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Trail (Non-Recreation)
- Closed Roads
- Stream
- Intermittent Stream
- Stand Boundaries

Forest Stands

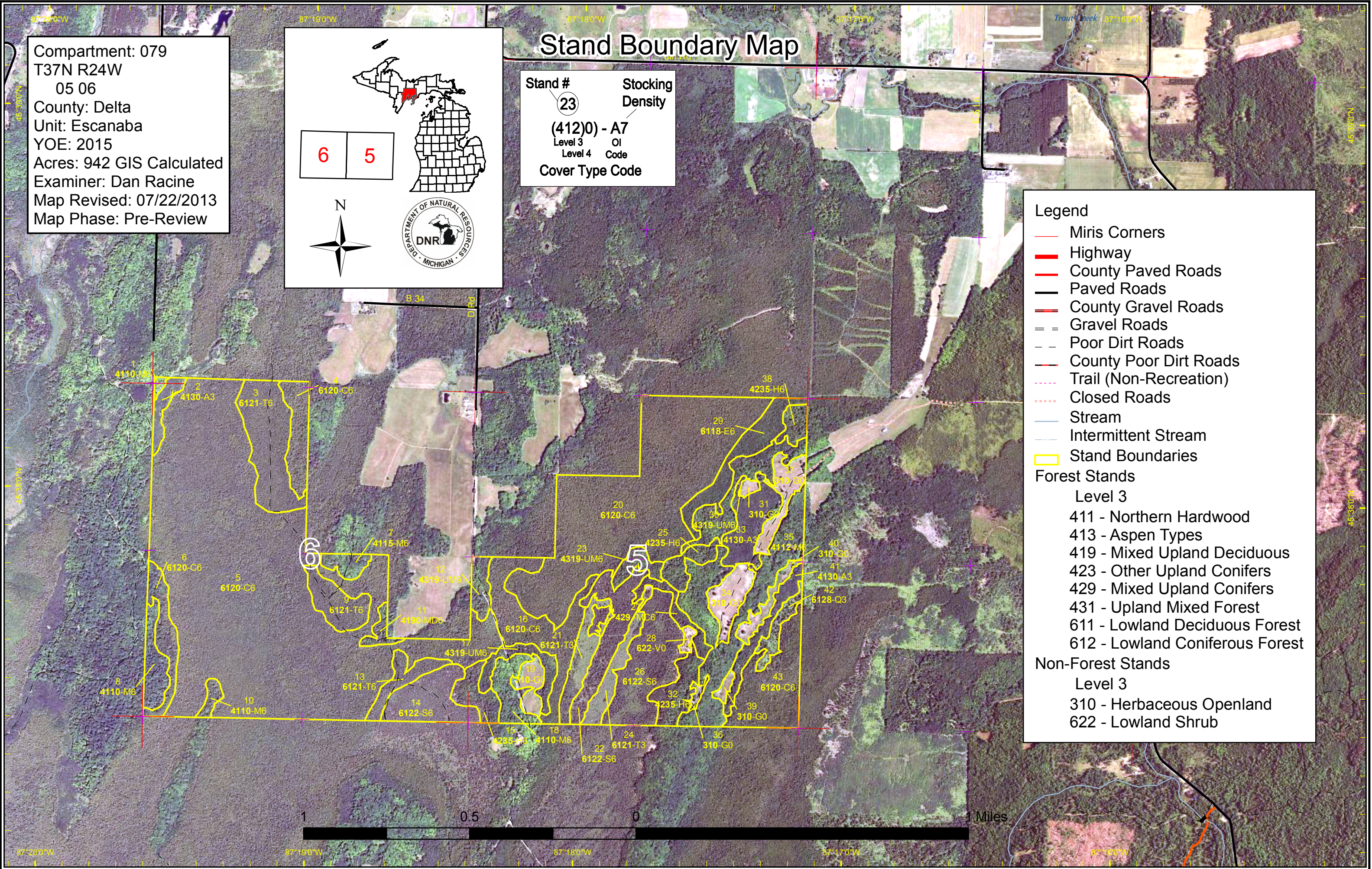
Level 3

- 411 - Northern Hardwood
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 431 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest

Non-Forest Stands

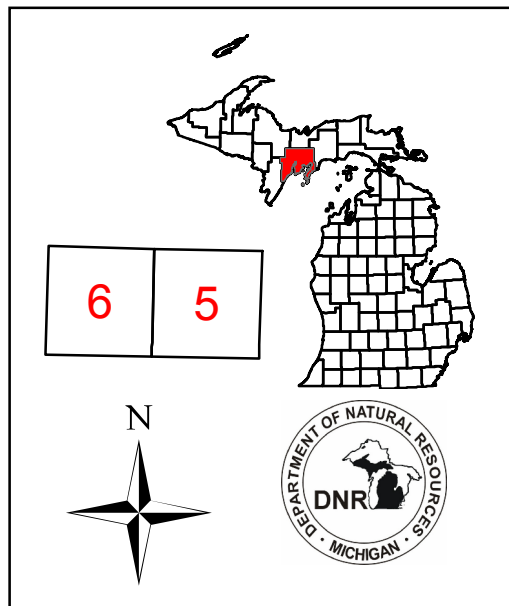
Level 3

- 310 - Herbaceous Openland
- 622 - Lowland Shrub



Special Conservation Areas & Site Conditions Map

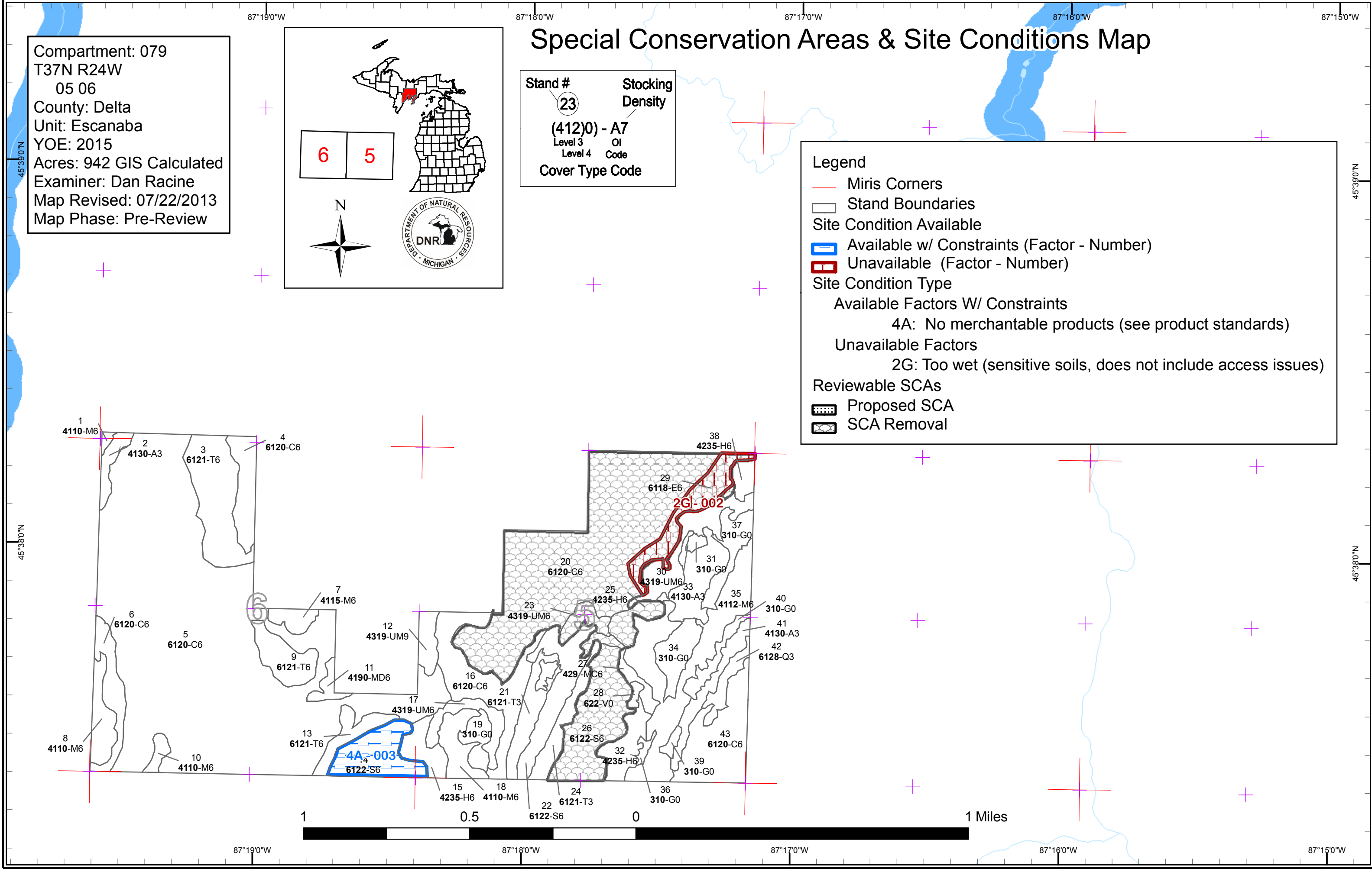
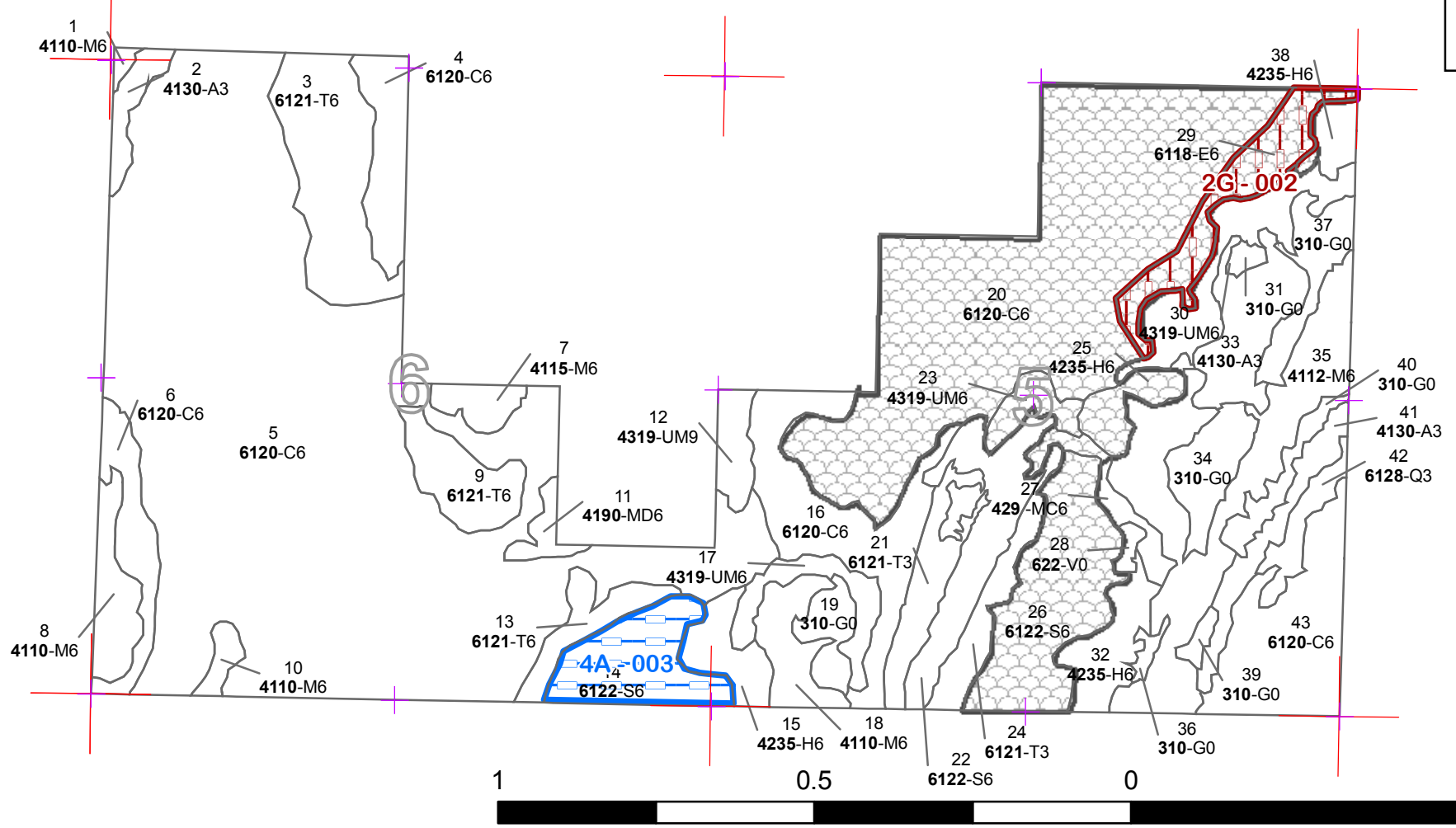
Compartment: 079
 T37N R24W
 05 06
 County: Delta
 Unit: Escanaba
 YOE: 2015
 Acres: 942 GIS Calculated
 Examiner: Dan Racine
 Map Revised: 07/22/2013
 Map Phase: Pre-Review



Stand #
 23
 (4120) - 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)
- Site Condition Type
 - Available Factors W/ Constraints
 - 4A: No merchantable products (see product standards)
 - Unavailable Factors
 - 2G: Too wet (sensitive soils, does not include access issues)
- Reviewable SCAs
 - Proposed SCA
 - SCA Removal



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	33	0	0	0	0	0	0	0	0	0	0	0	0	33
Bog	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Cedar	0	0	0	0	0	0	0	0	0	13	452	0	63	0	528
Hemlock	0	0	0	0	0	0	0	0	0	0	5	17	12	0	34
Herbaceous Openland	39	0	0	0	0	0	0	0	0	0	0	0	0	0	39
Lowland Conifers	0	6	0	0	0	0	0	0	0	0	0	0	0	0	6
Lowland Deciduous	0	0	0	0	0	0	0	0	18	0	0	0	0	0	18
Lowland Spruce/Fir	0	0	0	0	0	35	0	0	21	0	0	23	0	0	78
Mixed Upland Deciduous	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4
Northern Hardwood	0	0	0	0	0	0	0	74	1	0	0	0	0	3	78
Tamarack	0	23	0	0	0	0	9	0	31	13	0	0	0	0	76
Upland Conifers	0	0	0	0	0	0	7	0	0	0	0	0	0	0	7
Upland Mixed Forest	0	0	0	0	0	0	18	0	0	0	9	12	0	0	40
Total	40	62	0	0	0	35	34	78	71	26	466	52	75	3	942



Report 2 – Proposed Treatment Summaries

Escanaba Mgt. Unit
Year of Entry 2015

Compartment 079
Total Compartment Acres: 942

Acres by Treatment Type

Commercial Harvest - 211 Tree Planting - 0 Other - 0
 Habitat Cut - 0 Opening Maintenance - 39

Cover Type by Harvest Method

	Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
Lowland Coniferous Forest	2	0	77	0	0	0	79
Mixed Upland Conifers	0	0	0	0	7	0	7
Mixed Upland Deciduous	4	0	0	0	0	0	4
Northern Hardwood	0	63	0	0	11	0	74
Other Upland Conifers	0	12	0	0	0	0	12
Upland Mixed Forest	30	6	0	0	0	0	36
Total	36	81	77	0	18	0	211



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
3	33079003-Cut	31.2	6121 - Tamarack	High Density Pole	83		Harvest	Seed Tree with Reserves	6121 - Tamarack	Cmpt. Review Proposal
<p><u>Prescription:</u> Seed Tree with reserves- Leave clumps of approximately 10 trees of any species mix spaced evenly throughout the stand.</p> <p><u>Specs:</u></p> <p><u>Other</u> The best possible access to this stand is from the private landowner to the east. An alternative access is from the old winter road with a good <u>Comments:</u> winter off the 7 Mile Marsh Road near the openings.</p> <p><u>Next</u> Seek permission for any contractor through private or find access through the state. Monitor the regeneration at appropriate intervals. Expect <u>Steps:</u> Tamarack regeneration</p> <p><u>Proposed</u> <u>Start Date:</u> 10/01/2014</p>										
4	33079004-Cut	2.1	6120 - Lowland Cedar	High Density Pole	94		Harvest	Clearcut with Reserves	4136 - Aspen, Mixed Conifer	Cmpt. Review Proposal
<p><u>Prescription:</u> Clearcut with reserves; Cut all trees except cedar, hemlock, and a few spruce/fir seed trees. Only those cedar necessary to cut other species <u>Specs:</u> will be harvested.</p> <p><u>Other</u> The harvest area is along the eastern portion of the stand against private. Access through private is the best option with secondary access from <u>Comments:</u> the south along an old winter road.</p> <p><u>Next</u> Monitor the regeneration at appropriate intervals. Expect a mix of aspen/conifers/ and potentially some maple/birch. Secure access through <u>Steps:</u> private or utilize the old winter road.</p> <p><u>Proposed</u> <u>Start Date:</u> 10/01/2014</p>										
7	33079007-Cut	5.3	4115 - Y.Birch, Hemlock NH	High Density Pole	73	111-140	Harvest	Single Tree Selection	4110 - Sugar Maple Association	Cmpt. Review Proposal
<p><u>Prescription:</u> Single Tree Selection- Harvest stand to a residual of approximately 70-80 BA. Create canopy gaps where feasible and enhance the existing stand <u>Specs:</u> quality. Leave all the cedar and hemlock.</p> <p><u>Other</u> The best access to this stand is through the private property to the north. Potential for access from the old winter road from the south. <u>Comments:</u></p> <p><u>Next</u> Monitor regeneration at appropriate intervals. Acceptable existing spruce and balsam fir regeneration and maple/birch. Secure access through <u>Steps:</u> the private landowner or utilize the old winter road.</p> <p><u>Proposed</u> <u>Start Date:</u> 10/01/2014</p>										
8	33079008-Cut	10.5	4110 - Sugar Maple Association	High Density Pole	76	81-110	Harvest	Single Tree Selection	4110 - Sugar Maple Association	Cmpt. Review Proposal
<p><u>Prescription:</u> Selection harvest- Harvest to retain approximately 70-80 BA and create canopy gaps where feasible. Leave all the hemlock. <u>Specs:</u></p> <p><u>Other</u> There is some established sugar maple regeneration here. This stand will be harvested with stand 29 in compartment 32 when that is ready. <u>Comments:</u></p> <p><u>Next</u> Add this stand to stand 29 of compartment 32 when that is harvested. <u>Steps:</u></p> <p><u>Proposed</u> <u>Start Date:</u> 10/01/2023</p>										



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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
9 33079009-Cut	13.1	6121 - Tamarack	High Density Pole	94		Harvest	Seed Tree with Reserves	6121 - Tamarack	Cmpt. Review Proposal

Prescription Seed tree with reserves- Leave a clump of approximately 10 trees of any species spaced evenly throughout the stand.

Specs:

Other The best access is through the private property to the north. Alternative access is through the old winter road from the south.

Comments:

Next Montior regeneration at appropriate intervals. Acceptable regeneration of tamarack and cedar.

Steps:

Proposed

Start Date: 10/01/2014

11 33079011-Cut	3.8	4190 - Mixed Upland Deciduous with Cedar	High Density Pole	75	81-110	Harvest	Clearcut with Reserves	4113 - R.Maple, Conifer	Cmpt. Review Proposal
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Prescription Clearcut with reserves- Leave approximately 20 BA throughout the stand by leaving all hemlock and cedar and a combination of the overstory

Specs: species throughout if necessary to obtain 20 BA.

Other Protect the existing balsam fir regeneration. The best access is from the private landowner to the east.

Comments:

Next Monitor the regeneration at appropriate intervals. Acceptable regeneration of balsam fir and maple/birch. Secure access from the private

Steps: landowner or utilize the old winter road from the south.

Proposed

Start Date: 10/01/2014

12 33079012-Cut	6.3	4319 - Mixed Upland Forest	High Density Log	112	141-170	Harvest	Clearcut with Reserves	4136 - Aspen, Mixed Conifer	Cmpt. Review Proposal
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Prescription Clearcut with reserves- Leave all hemlock and beech. Leave a cedar retention patch where the cedar volumes are the highest, most likely on the easdt side of the 7 mile marsh road. Leave some of the largest diameter cedar outside the retention area.

Specs:

Other Some very large diameter trees here.

Comments:

Next Monitor regeneration at appropriate intervals. Expect aspen, conifer and mixed deciduous regeneration.

Steps:

Proposed

Start Date: 10/01/2014

13 33079013-Cut	8.9	6121 - Tamarack	High Density Pole	63		Harvest	Seed Tree with Reserves	6121 - Tamarack	Cmpt. Review Proposal
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Prescription Seed tree with reserves- Leave clumps of approximately 10 trees of a mix of species spaced evenly throughout the stand. Leave a retention patch with cedar.

Specs:

Other Access is most likely the old winter road from the east. The retention patch will be on the lobe on the north end.

Comments:

Next Monitor the regeneration at appropriate intervals. Expect tamarack and black spruce regeneration.

Steps:

Proposed

Start Date: 10/01/2014



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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
17 33079017-Cut	5.4	4319 - Mixed Upland Forest	High Density Pole	105	51-80	Harvest	Clearcut with Reserves	4136 - Aspen, Mixed Conifer	Cmpt. Review Proposal

Prescription Clearcut with reserves- Cut all trees except leave all cedar and hemlock and only cut the ash greater than 6 inches dbh.
Specs:

Other Most of the harvest will take place along the edge of the field and total harvest acres may be less than the stand acres.
Comments:

Next Monitor the regeneration at appropriate intervals. Expect a mix of balm/aspen/mixed conifer and hardwood.
Steps:

Proposed
Start Date: 10/01/2014

18 33079018-Cut	10.8	4110 - Sugar Maple Association	High Density Pole	78	111-140	Harvest	Crown Thinning	4110 - Sugar Maple Association	Cmpt. Review Proposal
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Prescription Thinning- Improve the existing stand quality of the overstory reduce the BA to approximately 80.
Specs:

Other Some areas of significant spruce/fir in the understory along with some beech and leatherwood. Look to create gaps for maple regeneration if
Comments: feasible.

Next
Steps:

Proposed
Start Date: 10/01/2014

22 33079022-Cut	23.4	6122 - Black Spruce	High Density Pole	110		Harvest	Seed Tree with Reserves	6122 - Black Spruce	Cmpt. Review Proposal
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Prescription Seed tree with reserves- Leave clumps of approximately 10 trees of a mix of species spaced evenly throughout the stand
Specs:

Other Leave strip from previous harvest.
Comments:

Next Monitor the regeneration at appropriate intervals. Expect black spruce and tamarack regeneration.
Steps:

Proposed
Start Date: 10/01/2014

23 33079023-Cut	5.7	4319 - Mixed Upland Forest	High Density Pole	118	111-140	Harvest	Group Selection	4139 - Aspen, Mixed Deciduous	Cmpt. Review Proposal
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Prescription Selection harvest- Cut all trees except leave the hemlock and most pine except high risk pine. Leave a retention patch of cedar which will be
Specs: along the west and south west end.

Other This stand needs removal from SCA. The hemlock diameters are variable.
Comments:

Next Monitor the regeneration at appropriate intervals. Expect aspen, maple, and balsam fir regeneration.
Steps:

Proposed
Start Date: 10/01/2014

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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
27 33079027-Cut	6.7	429 - Mixed Upland Conifers	High Density Pole	64	200+	Harvest	Crown Thinning	42201 - Natural White Pine, Mixed Deciduous	Cmpt. Review Proposal

Prescription Specs: Thinning to release the pine with a residual of approximately 60 BA of pine. Leave all hemlock and cedar if present and cut the spruce, fir, and maple.

Other Comments: This stand was broken out from stand 25 with 90% hemlock. This stand contains a mix of pine, hemlock, maple, and black spruce.

Next Steps: Obtain access from the private landowner to the north and east.

Proposed Start Date: 10/01/2014

30 33079030-Cut	18.4	4319 - Mixed Upland Forest	High Density Pole	68	81-110	Harvest	Clearcut with Reserves	4113 - R.Maple, Conifer	Cmpt. Review Proposal
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Prescription Specs: Clearcut with reserves; Leave all hemlock and cedar retention patches. Leave a couple of spruce/fir seed trees and the yellow birch.

Other Comments: This area was selectively harvested previously and converting to fir/spruce. Harvest to expand the maple regeneration. The better areas of the previous harvest are within stand 37.

Next Steps: Monitor the regeneration at appropriate intervals. Expect balsam fir and red maple regeneration.

Proposed Start Date: 10/01/2014

32 33079032-Cut	11.8	42350 - Upland Hemlock	High Density Pole	123	111-140	Harvest	Single Tree Selection	42350 - Upland Hemlock	Cmpt. Review Proposal
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Prescription Specs: Selection- Cut the birch, maple and shorter lived species and thinning through the white pine. Leave out any pure hemlock areas. Only hemlock necessary to remove other species.

Other Comments: The pockets of pure hemlock will be left out of the sale area.

Next Steps: Monitor regeneration at appropriate intervals. Expect balsam, pine and maple regeneration.

Proposed Start Date: 10/01/2014

35 33079035-Cut	47.6	4112 - Maple, Beech, Cherry Association	High Density Pole	75	81-110	Harvest	Single Tree Selection	4119 - Mixed Northern Hardwoods	Cmpt. Review Proposal
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Prescription Specs: Single tree selection- Harvest to retain approximately 70 BA in the southern portion and closer to 40 in the northern portion. Leave the beech and hemlock if present.

Other Comments: The south part of this stand has better quality sugar maple logs and the north is a mix of more red maple than sugar maple. There is more spruce/fir and pine to the north.

Next Steps: Monitor regeneration at appropriate intervals and expect spruce/fir and maple regeneration.

Proposed Start Date: 10/01/2014



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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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19 NF_33079019- NonFor	6.7	3102 - Grass				Non-Forest Management	Other - Specify	310 - Herbaceous Openland	Cmpt. Review Proposal
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Prescription Enhance and perpetuate opening. Cut brush and trees, mow, till, plant, and/or fertilize. Burn and/or herbicide if need and funding present. Hard
Specs: or soft mast plants, shrubs, and trees may be planted if available. Herbaceous plantings will be to provide forage, brood rearing, and recreational opportunities.

Other
Comments:

Next
Steps:

Proposed
Start Date: Unspecified

31 NF_33079031- NonFor	1.5	3102 - Grass				Non-Forest Management	Other - Specify	310 - Herbaceous Openland	Cmpt. Review Proposal
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Prescription Enhance and perpetuate opening. Cut brush and trees, mow, till, plant, and/or fertilize. Burn and/or herbicide if need and funding present. Hard
Specs: or soft mast plants, shrubs, and trees may be planted if available. Herbaceous plantings will be to provide forage, brood rearing, and recreational opportunities.

Other
Comments:

Next
Steps:

Proposed
Start Date: Unspecified

34 NF_33079034- NonFor	11.0	3102 - Grass				Non-Forest Management	Other - Specify	310 - Herbaceous Openland	Cmpt. Review Proposal
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Prescription Enhance and perpetuate opening. Cut brush and trees, mow, till, plant, and/or fertilize. Burn and/or herbicide if need and funding present. Hard
Specs: or soft mast plants, shrubs, and trees may be planted if available. Herbaceous plantings will be to provide forage, brood rearing, and recreational opportunities.

Other
Comments:

Next
Steps:

Proposed
Start Date: Unspecified

36 NF_33079036- NonFor	1.4	3102 - Grass				Non-Forest Management	Other - Specify	310 - Herbaceous Openland	Cmpt. Review Proposal
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Prescription Enhance and perpetuate opening. Cut brush and trees, mow, till, plant, and/or fertilize. Burn and/or herbicide if need and funding present. Hard
Specs: or soft mast plants, shrubs, and trees may be planted if available. Herbaceous plantings will be to provide forage, brood rearing, and recreational opportunities.

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
37 NF_33079037-NonFor	10.4	3102 - Grass				Non-Forest Management	Other - Specify	310 - Herbaceous Openland	Cmpt. Review Proposal

Prescription Enhance and perpetuate opening. Cut brush and trees, mow, till, plant, and/or fertilize. Burn and/or herbicide if need and funding present. Hard
Specs: or soft mast plants, shrubs, and trees may be planted if available. Herbaceous plantings will be to provide forage, brood rearing, and recreational opportunities.

Other
Comments:

Next
Steps:

Proposed
Start Date: Unspecified

39 NF_33079039-NonFor	1.7	3102 - Grass				Non-Forest Management	Other - Specify	310 - Herbaceous Openland	Cmpt. Review Proposal
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Prescription Enhance and perpetuate opening. Cut brush and trees, mow, till, plant, and/or fertilize. Burn and/or herbicide if need and funding present. Hard
Specs: or soft mast plants, shrubs, and trees may be planted if available. Herbaceous plantings will be to provide forage, brood rearing, and recreational opportunities.

Other
Comments:

Next
Steps:

Proposed
Start Date: Unspecified

40 NF_33079040-NonFor	5.9	3102 - Grass				Non-Forest Management	Other - Specify	310 - Herbaceous Openland	Cmpt. Review Proposal
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Prescription Enhance and perpetuate opening. Cut brush and trees, mow, till, plant, and/or fertilize. Burn and/or herbicide if need and funding present. Hard
Specs: or soft mast plants, shrubs, and trees may be planted if available. Herbaceous plantings will be to provide forage, brood rearing, and recreational opportunities.

Other
Comments:

Next
Steps:

Proposed
Start Date: Unspecified

**Total Treatment
Acreage Proposed: 249.7**



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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!

Prescription
Specs:

Other
Comment:

Next
Steps:

Proposed
Start Date: #Type!

Limiting Factor

**Total Treatment
Acreage Proposed: 0**

Report 5 – Site Conditions

Escanaba Mgt. Unit
Dan Racine : Examiner

Compartment 079
Year of Entry 2015

Availability for Management

Total Acres	Acres		Dominant Site Conditions	No	4A	2G
	Available	Not Available				
33	33		Aspen	33		
528	528		Cedar	528		
34	34		Hemlock	34		
6	6		Lowland Conifers	6		
18		18	Lowland Deciduous			18
78	78		Lowland Spruce/Fir	59	19	
4	4		Mixed Upland Deciduous	4		
78	78		Northern Hardwood	78		
76	76		Tamarack	76		
7	7		Upland Conifers	7		
40	40		Upland Mixed Forest	40		
901	883	18	Total Forested Acres	864	19	18
	98%	2%	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	2G: Too wet (sensitive soils, does not include access issues)	18				
Comments:							
003	Available	4A: No merchantable products (see product standards)	19				
Comments: Several pockets of non-merchantable products.							



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
Compartment 79 SCA	Habitat Areas or Corridors	Habitat Corridor	SCA Removal	203.4
Comments				
No unique SCA values within this area.				



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
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Report 8 – Forested Stands

Compartment: 079
Year of Entry: 2015

Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
4110 - Sugar Maple Association	High Density Pole	1.0	81	51-80	This stand will be treated with compartment 32 stand 29 when that stand is ready.
4130 - Aspen	High Density Sapling	5.4	17		More aspen than balm. This stand was cut under the elderberry ridge sale completed in 1996.
6121 - Tamarack	High Density Pole	31.2	83		The second age was on a cedar. ELB evidence. This stand was broken out from the larger cedar stand. Trace amounts of 10-15 foot tall cedar in the subcanopy.
6120 - Lowland Cedar	High Density Pole	13.3	94		No age was able to be obtained from a cedar with hollow trees. Used adjacent stand age for cedar. No age on the aspen and balsam fir but it is older. The treatment area is only a portion of this stand.
6120 - Lowland Cedar	High Density Pole	304.0	105		
6120 - Lowland Cedar	High Density Pole	12.5	108		Transition from the high ground to the swamp.
4115 - Y.Birch, Hemlock NH	High Density Pole	5.3	73	111-140	Second age is from the previous inventory for red maple. Access through private.
4110 - Sugar Maple Association	High Density Pole	10.5	76	81-110	This stand was cut under the county line hardwoods hardwoods sale. Cut this with the larger stand 29 in compartment 32. Start date of 10/1/2023.
6121 - Tamarack	High Density Pole	13.1	94		Evidence of ELB. Second age on a cedar tree.
4110 - Sugar Maple Association	High Density Pole	3.0	Uneven Age		This stand would be an SCA removal. Stand data from the stand to the south in compartment 78 used. Mix of sapling, pole and large overmature timber.
4190 - Mixed Upland Deciduous with Cedar	High Density Pole	3.8	75	81-110	South end contains paper birch, red maple, hemlock and cedar. Moving north is more maple, paper birch, and less cedar and hemlock.
4319 - Mixed Upland Forest	High Density Log	6.3	112	141-170	Second age is from previous OI year of entry. Some very large cedar and hemlock in places with variable diameters. No ages were able to be obtained from the balm and aspen.
6121 - Tamarack	High Density Pole	8.9	63		Tamarack from 7 inches dbh and 4 sticks.
6122 - Black Spruce	High Density Pole	20.6	86		Very poor quality stand. From 1-3 sticks to several areas of non-merchantable timber. Second age on a black spruce.
42350 - Upland Hemlock	High Density Pole	9.1	112		



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
16	6120 - Lowland Cedar	High Density Pole	32.6	128		Second age was on a cedar tree.
17	4319 - Mixed Upland Forest	High Density Pole	9.2	105	51-80	Second age was on an aspen tree.
18	4110 - Sugar Maple Association	High Density Pole	10.8	78	111-140	Nice stand of northern hardwoods.
20	6120 - Lowland Cedar	High Density Pole	135.2	109	111-140	
21	6121 - Tamarack	High Density Sapling	12.0	10		This stand was cut under the 7 mile marsh sale.
22	6122 - Black Spruce	High Density Pole	23.4	110		Leave strip.
23	4319 - Mixed Upland Forest	High Density Pole	5.7	118	111-140	This stand needs to be removed from SCA. Second age on a balsam fir.
24	6121 - Tamarack	High Density Sapling	10.6	10		Cut in 2003 under the 7 mile marsh road sale. Excellent tamarack species regeneration.
25	42350 - Upland Hemlock	High Density Pole	7.6	112		Almost pure hemlock. Scattered patches of red maple 7-8 inches 4-5 sticks.
26	6122 - Black Spruce	High Density Pole	34.5	54		1 to 2 stick black spruce about 5 inches and 2-3 stick white pine about 5-7 inches.
27	429 - Mixed Upland Conifers	High Density Pole	6.7	64	200+	Second age is on a hemlock.
29	6118 - Lowland Deciduous with Cedar	High Density Pole	17.9	86		Poor quality and wet. Second age is on a cedar tree. Trace amounts of red maple in the sub canopy.
30	4319 - Mixed Upland Forest	High Density Pole	18.4	68	81-110	Variable ages and sizes of red maple. The second age is on a cedar. Trace amounts of white spruce, yellow birch, and quaking aspen and beech in the overstory. This stand was select harvested under the 3 barrel sale completed in 1998.
32	42350 - Upland Hemlock	High Density Pole	11.8	123	111-140	Second age was on a white pine. White pine ages from 75-100 years old. No hemlock regeneration noticed.
33	4130 - Aspen	High Density Sapling	17.2	15		This stand was cut under the 3 barrel sale in 1998.
35	4112 - Maple, Beech, Cherry Association	High Density Pole	47.6	75	81-110	The north end is predominately red maple with some sugar maple and paper birch in areas. South part contains more sugar maple than red maple. This stand was cut under the 3 barrel sale, better quality sugar maple sawlog potential to the south end.

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Escanaba Mgt. Unit

Report 8 – Forested Stands

Compartment: 079
Year of Entry: 2015

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
38	42350 - Upland Hemlock	High Density Pole	5.2	108		Pretty much pure hemlock in most areas with pockets of scattered short lived species.
41	4130 - Aspen	High Density Sapling	10.4	15		This stand was cut under the 3 barrel sale in 1998.
42	6128 - Lowland Coniferous, Mixed Deciduous	High Density Sapling	6.3	15		This stand was cut under the 3 barrel sale. Phragmites in this stand.
43	6120 - Lowland Cedar	High Density Pole	30.4	126		No age was obtained for cedar.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
19	3102 - Grass	6.7	Yes	Unspecified	
28	6225 - Bog	1.5	No	Unspecified	
31	3102 - Grass	1.5	Yes	Unspecified	
34	3102 - Grass	11.0	Yes	Unspecified	
36	3102 - Grass	1.4	Yes	Unspecified	
37	3102 - Grass	10.4	Yes	Unspecified	
39	3102 - Grass	1.7	Yes	Unspecified	
40	3102 - Grass	5.9	Yes	Unspecified	