



Compartment Review Presentation

Shingleton Forest Management Unit

Compartment 41161

Entry Year 2026

Acreage: 2,590

County Schoolcraft

Management Area: Seney Lake Plain

Stand Examiner: Mario Molin

Legal Description:

T46N R16W Sections 4, 5, 8-10, 15, 16

Identified Planning Goals:

The main goal in this compartment is to conduct multiple resource management for current and future generations.

Soil and topography:

The compartment has a fairly equal mix of lowland species to upland species. The northern hardwoods are flat with out much sloping and are on sand of fair fertility. The lowland species have only a one to two foot elevation difference between the marshes making for a high water table on muck and peat soils with low natural fertility.

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

The compartment is State ownership except for 200 acres of private, mainly hunting camps, these should not have an impact on access into State Lands. Surrounding ownership is State, private and Forest Land Group lands.

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:

Watershed and Fisheries Considerations:

The eastern region of this compartment borders the Creighton River. The Creighton River is a designated Type 1 trout stream less than 50-ft wide and has a predicted mean July water temperature of 61.7 °F (cold stream). A 300-foot buffer is recommended for the Creighton River, in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, a minimum 100-foot, plus 5 feet per 1% increase in slope, buffer is recommended to protect these areas in accordance with Best Management Practices.

Wildlife Habitat Considerations:

This compartment is principally a ridge lying between the Creighton River on the east and a large marsh complex on the west. Pre-settlement lowland forests contained black spruce, tamarack, cedar, and black ash. White pine and hemlock were also found in some of the lowlands. The upland areas appear to have consisted of mixed forest containing hemlock, white pine, yellow birch, sugar maple, red maple, and American beech.

Although aspen and jack pine appear to be more prevalent than in the 1850s, the overall tree species composition within this compartment is generally similar to pre-settlement times.

The wildlife habitat goals in this compartment include protecting the riparian corridor of the Creighton River, protecting hemlock, promoting species and structural diversity within and between northern hardwood stands, and maintaining aspen as a component of the landscape.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of peat and Muck, lacustrine (lake) sand and gravel and minor coarse-textured till. There is insufficient data to determine the glacial drift thickness. The Ordovician Black River and Prairie du Chien Groups subcrop below the glacial drift. These rocks are quarried for stone/dolomite. Gravel pits are located to the west, but potential appears to be limited except for the NW/4 of Section 5. There is no commercial oil and gas production in the UP.

Vehicle Access:

The Creighton Truck Trail runs NW to SE through the middle of the compartment with two-tracks spurring off the county road. Most of the two-tracks were blocked after past timber sales were completed. The blocked roads are easily gone

around by ORV's.

Survey Needs:

None known at this time.

Recreational Facilities and Opportunities:

None.

Fire Protection:

Hardwood species make up the upland areas. The majority of the conifer types remain wet through the year making for low fire potential in the compartment.

Additional Compartment Information:

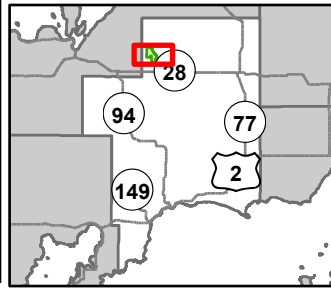
The following reports from the Inventory are attached:

- 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 & Treatments Map



0 0.5 1 Miles

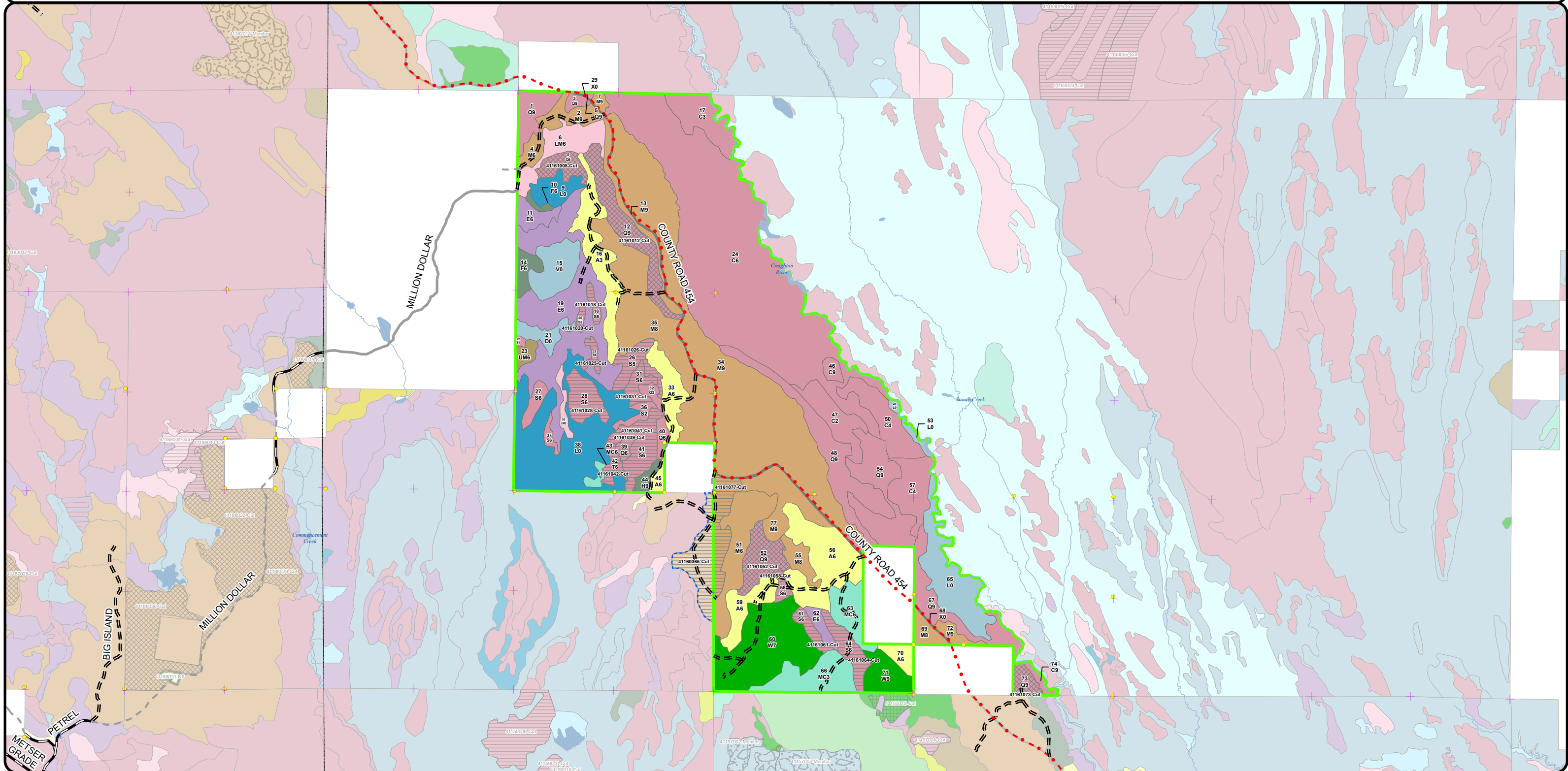
Compartment: 41161
 T46N, R16W, Sec: 4, 5, 8-10, 15, 16
 County: Schoolcraft
 Unit: Shingleton
 Mgmt Area: Seney Lake Plain
 YOE: 2026
 Acres: 2589.7 GIS Calculated
 Examiner: Mario Molin
 Map Revised: 08/07/2024
 Map Phase: Web Post

- Culvert
- Survey Grade Corners
- Remonumented Section Corners
- DNR - Primary Forest Road
- DNR - Forest Access Route
- County - Gravel Road
- Private - Paved Road
- Private - Dirt / Gravel Road

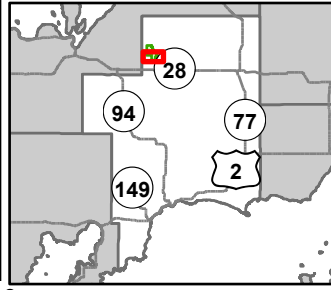
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Treatments with Site Conditions
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)

- Clearcut (w/Reserves)
- 411 - Northern Hardwood
- 413 - Aspen Types
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest

- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Roads/Parking Lot
- 622 - Lowland Shrub
- 629 - Mixed Non-forested Wetland



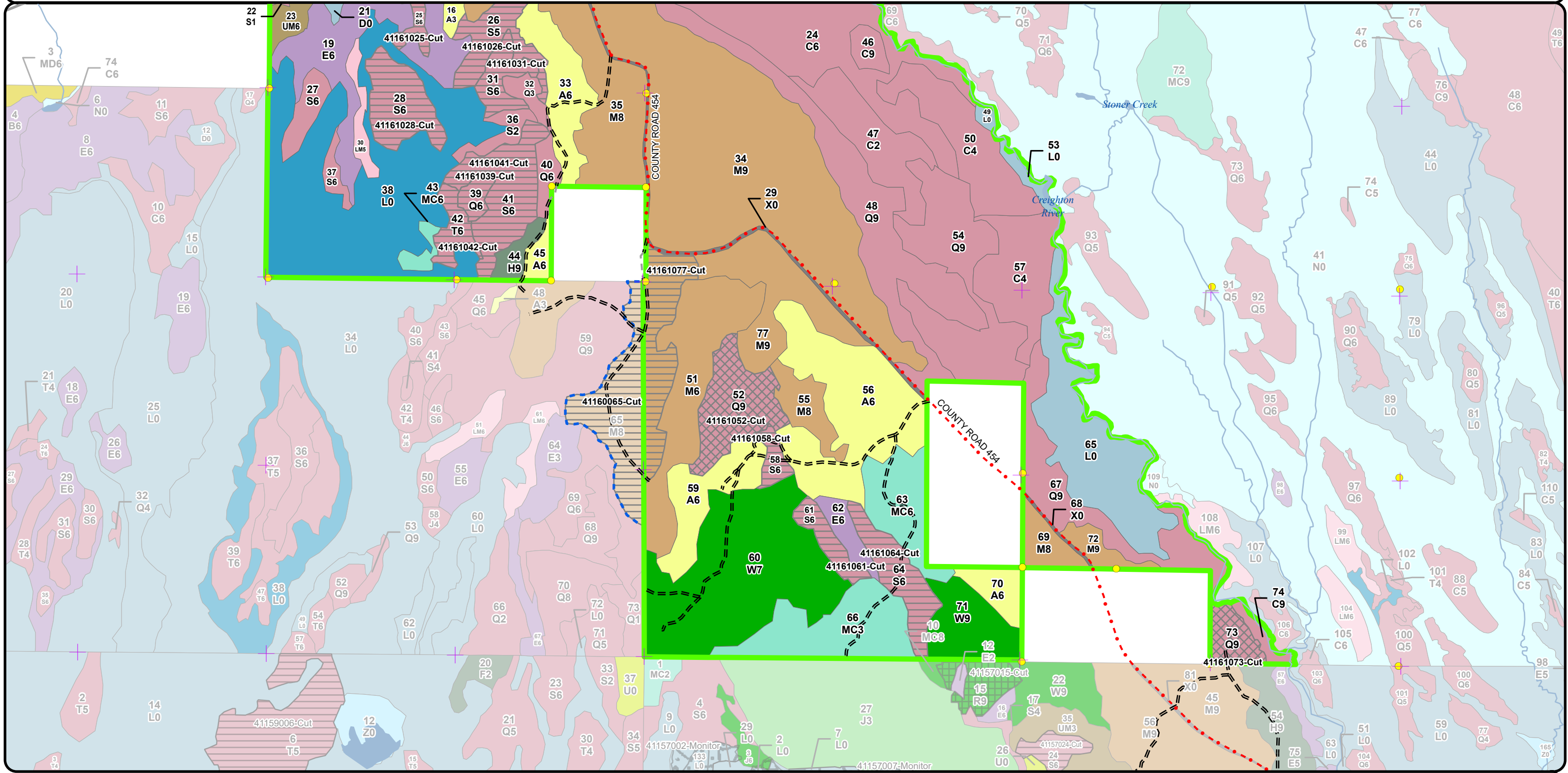
Cover Type & Treatments Map



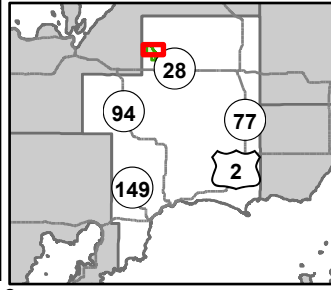
Compartment: 41161
 T46N, R16W, Sec: 4, 5, 8-10, 15, 16
 County: Schoolcraft
 Unit: Shingleton
 Mgmt Area: Seney Lake Plain
 YOE: 2026
 Acres: 2589.7 GIS Calculated
 Examiner: Mario Molin
 Map Revised: 08/07/2024
 Map Phase: Web Post

0 0.5 1 Miles

- Survey Grade Corners
- Lake/Pond
- Clearcut (w/Reserves)
- 611 - Lowland Deciduous Forest
- Remonumented Section Corners
- Perennial River
- 411 - Northern Hardwood
- 612 - Lowland Coniferous Forest
- DNR - Forest Access Route
- Lakes and Rivers
- 413 - Aspen Types
- 613 - Lowland Mixed Forest
- County - Gravel Road
- Compartment Boundary
- 422 - Natural Pines
- 122 - Roads/Parking Lot
- Private - Paved Road
- Treatments with Site Conditions
- 423 - Other Upland Conifers
- Private - Dirt / Gravel Road
- Selection (Group, Single Tree)
- 429 - Mixed Upland Conifers
- Clearcut (w/Reserves)
- 430 - Upland Mixed Forest
- 622 - Lowland Shrub
- 629 - Mixed Non-forested Wetland



Stand Boundary Map

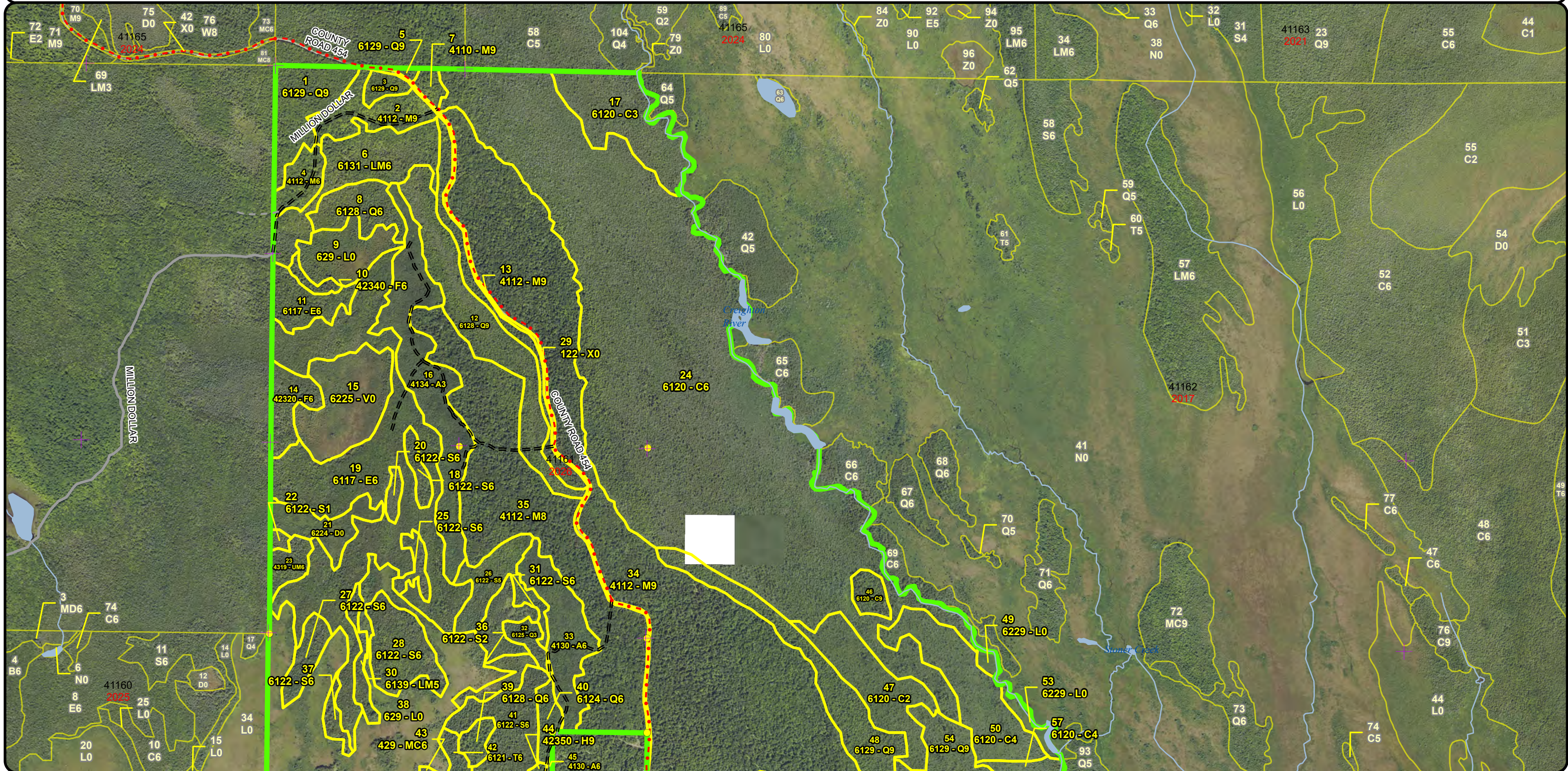


Compartment: 41161
 T46N, R16W, Sec: 4, 5, 8-10, 15, 16
 County: Schoolcraft
 Unit: Shingleton
 Mgmt Area: Seney Lake Plain
 YOE: 2026
 Acres: 2589.7 GIS Calculated
 Examiner: Mario Molin
 Map Revised: 08/07/2024
 Map Phase: Web Post

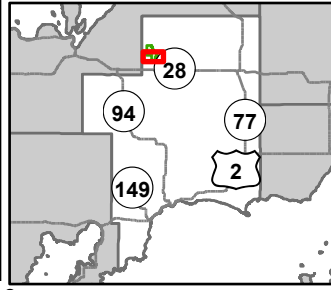
0 0.5 1 Miles

- Survey Grade Corners
- + Remonumented Section Corners
- === DNR - Forest Access Route
- - - County - Gravel Road
- Private - Paved Road
- - - Private - Dirt / Gravel Road
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Stand Boundaries

- 411 - Northern Hardwood
- 413 - Aspen Types
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Roads/Parking Lot
- 622 - Lowland Shrub
- 629 - Mixed Non-forested Wetland



Stand Boundary Map

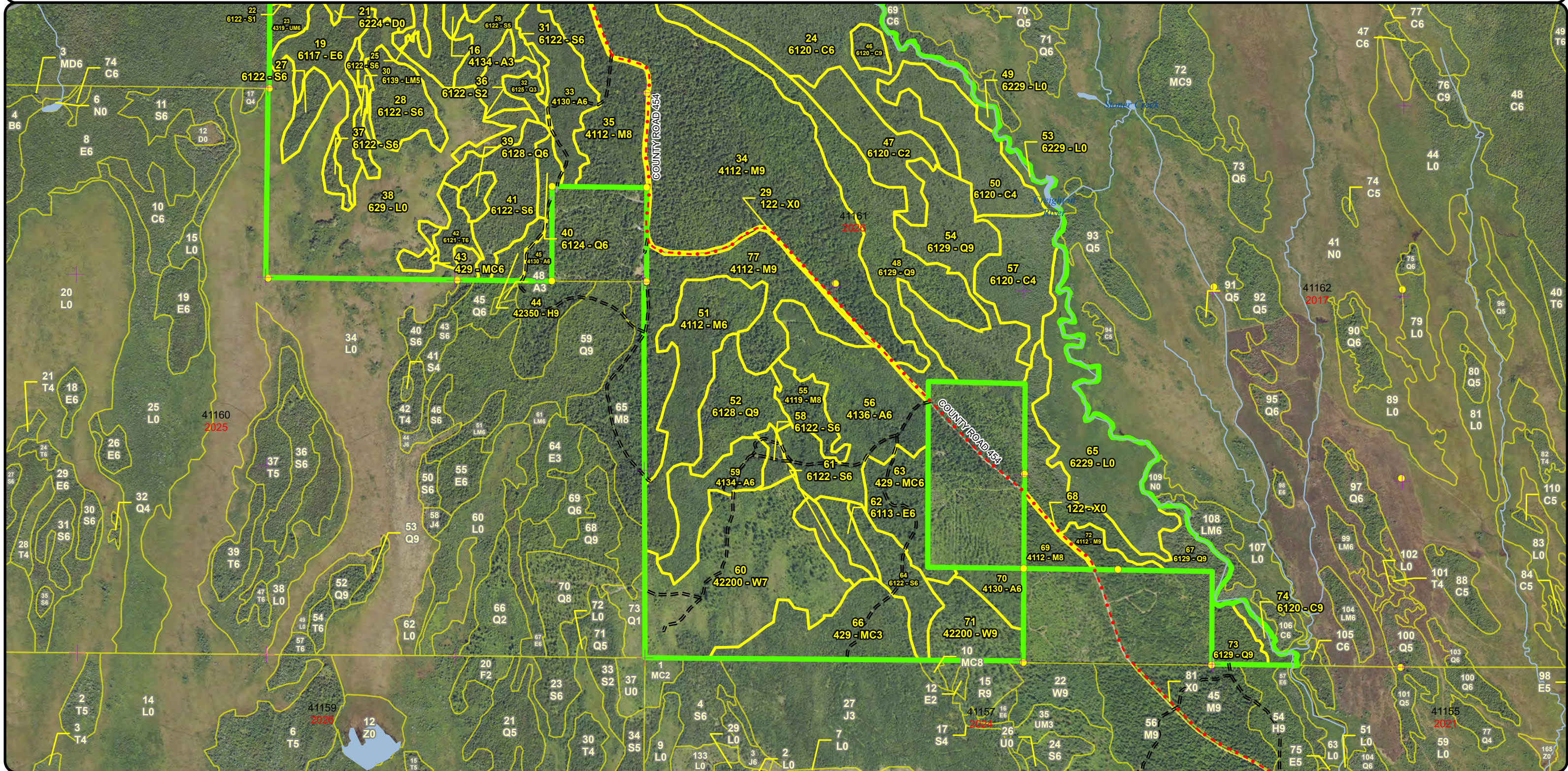


Compartment: 41161
 T46N, R16W, Sec: 4, 5, 8-10, 15, 16
 County: Schoolcraft
 Unit: Shingleton
 Mgmt Area: Seney Lake Plain
 YOE: 2026
 Acres: 2589.7 GIS Calculated
 Examiner: Mario Molin
 Map Revised: 08/07/2024
 Map Phase: Web Post

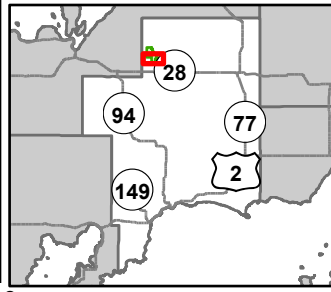


- Survey Grade Corners
- + Remonumented Section Corners
- === DNR - Forest Access Route
- - - County - Gravel Road
- Private - Paved Road
- - - Private - Dirt / Gravel Road
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Stand Boundaries
- 411 - Northern Hardwood

- 413 - Aspen Types
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 411 - Northern Hardwood
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Roads/Parking Lot
- 622 - Lowland Shrub
- 629 - Mixed Non-forested Wetland
- 611 - Lowland Deciduous Forest



Special Conservation Areas & Site Conditions Map

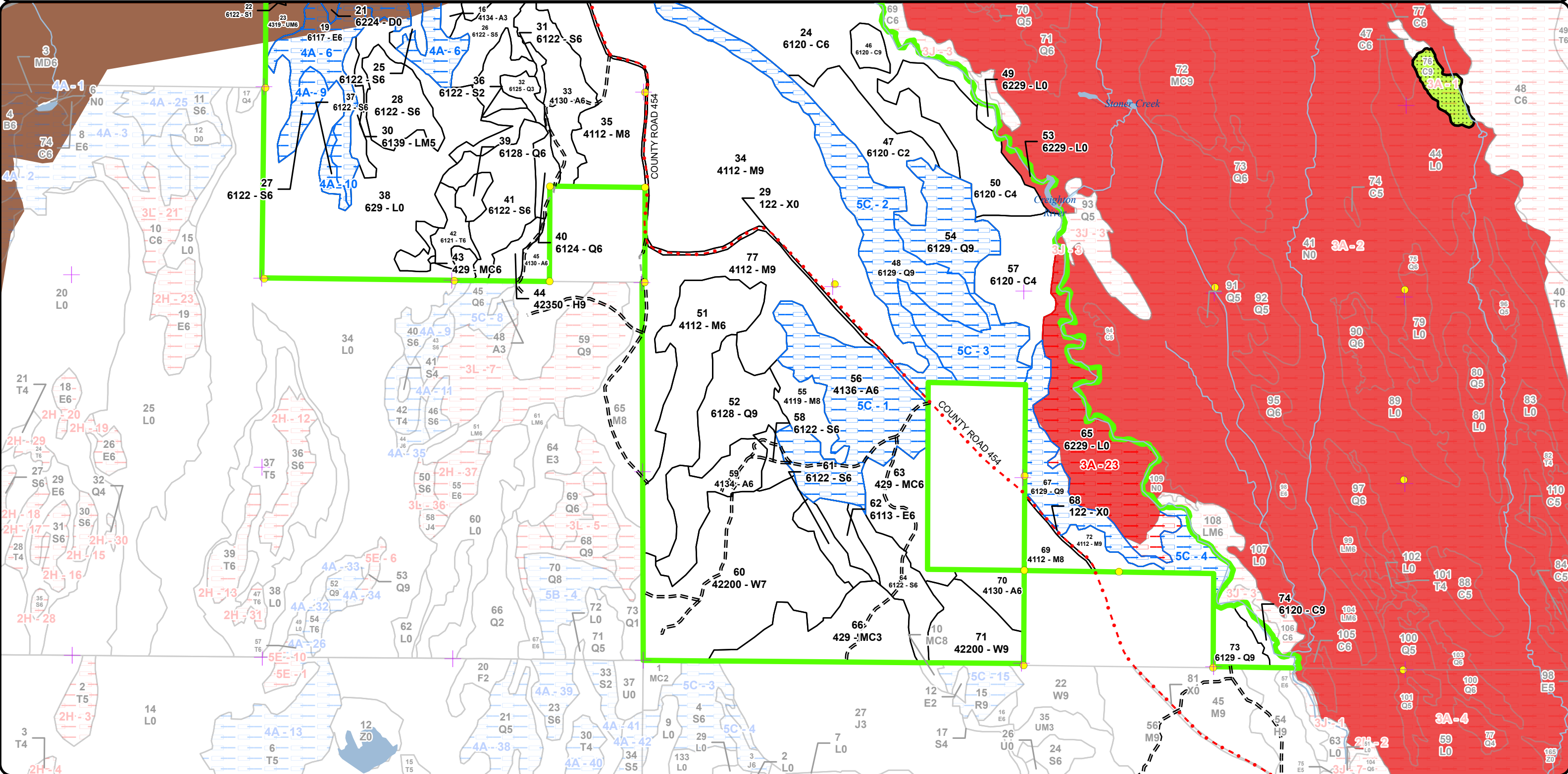
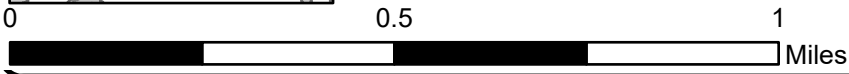


Compartment: 41161
 T46N, R16W, Sec: 4, 5, 8-10, 15, 16
 County: Schoolcraft
 Unit: Shingleton
 Mgmt Area: Seney Lake Plain
 YOE: 2026
 Acres: 2589.7 GIS Calculated
 Examiner: Mario Molin
 Map Revised: 08/07/2024
 Map Phase: Web Post

- Survey Grade Corners
- + Remonumented Section Corners
- DNR - Forest Access Route
- County - Gravel Road
- Private - Paved Road
- Private - Dirt / Gravel Road
- Lake/Pond

- Perennial River
- Lakes and Rivers
- Compartment Boundary
- SCA
- Available w/ Constraints
- Unavailable
- 4A: No Markets Available for these Forest Products

- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 3A: Conservation Values incompatible with harvest at this time
- Stand Boundaries
- Ecological Reference Areas
- Cold Water Streams
- Deer Winter Range
- Possible Type 2 Old Growth



Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	0	0	0	111	83	0	0	0	0	0	0	0	0	0	0	0	0	194
Bog	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34
Cedar	0	0	0	0	0	0	0	68	0	11	433	0	73	0	0	0	0	0	585
Hemlock	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	7
Lowland Conifers	0	0	0	0	12	0	0	0	0	111	196	0	0	0	0	0	0	0	318
Lowland Deciduous	0	0	0	0	0	0	0	0	8	150	0	0	0	0	0	0	0	0	158
Lowland Mixed Forest	0	0	0	0	0	0	0	0	35	0	0	0	0	0	0	0	0	7	42
Lowland Shrub	224	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	224
Lowland Spruce/Fir	0	0	0	0	0	0	7	0	0	20	125	0	0	0	0	0	0	0	152
Northern Hardwood	0	0	0	0	0	64	0	0	0	0	553	0	0	0	0	0	0	0	617
Tamarack	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	9
Treed Bog	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Upland Conifers	0	0	0	27	42	0	0	0	0	0	4	0	0	0	0	0	0	0	73
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	7
Upland Spruce/Fir	0	0	0	0	0	0	0	0	3	13	0	0	0	0	0	0	0	0	16
Urban	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
White Pine	0	0	0	0	0	0	0	0	0	0	126	0	0	0	0	0	0	0	126
Total	288	0	0	27	165	147	7	68	46	305	1451	9	73	0	0	0	0	7	2592



Report 2 – Treatment Summary

Shingleton Mgt. Unit
Year of Entry: 2026

Acres of Harvest

Compartment 161
Total Compartment Acres: 2,590

Commercial Harvest - 275
Harvests with Site Condition - 0
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Lowland Conifers	5	103	0	0	0	0	0	0	0	108
Lowland Spruce/Fir	130	0	0	0	0	0	0	0	0	130
Northern Hardwood	28	0	0	0	0	0	0	0	0	28
Tamarack	9	0	0	0	0	0	0	0	0	9
Total	173	103	0	0	0	0	0	0	0	275

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	275	0	0	0	0	0	0	0	0	275
Next Step	0	28	0	0	0	247	0	0	0	275
Total	275	28	0	0	0	247	0	0	0	550



S
t
a
n
d

Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
----------------	-------	-----------------	--------------	-----------	----------	----------------	------------------	----------------------	---------------	-------------

Proposed Treatments:

65	41160065-Cut	35.6	4112 - Maple, Beech, Cherry Association	Sawtimber Medium	91	1-50	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
-----------	---------------------	------	---	------------------	----	------	---------	-------------------------	-------------	-----------	----

Prescription Clearcut with retention, 2 inch spec. site conversion to aspen.

Specs:

Next Step SitePrep, Other - Specify; Monitoring, Artificial Regen(1yr)

Treatments:

Acceptable plant aspen.

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2025

8	41161008-Cut	15.9	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	94	1-50	Harvest	Group Selection	612 - Lowland Coniferous Forest	Uneven-Aged	No
----------	---------------------	------	--	-----------------	----	------	---------	-----------------	---------------------------------	-------------	----

Prescription Cut all species except yellow birch, white pine and hemlock. Mark hemlock and other remaining species as needed to promote regeneration.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Hemlock and other species.

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2025

12	41161012-Cut	45.9	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Well	94	51-80	Harvest	Group Selection	612 - Lowland Coniferous Forest	Uneven-Aged	No
-----------	---------------------	------	--	----------------	----	-------	---------	-----------------	---------------------------------	-------------	----

Prescription Cut all species except yellow birch, white pine and hemlock. Mark hemlock and other remaining species as needed to promote regeneration.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Hemlock and other species.

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2025



S
t
a
n
d

Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
18 41161018-Cut	4.8	6122 - Black Spruce	Poletimber Well	96	81-110	Harvest	Clearcut	6122 - Black Spruce	Even-Aged	No
<p><u>Prescription</u> Clearcut no retention due to small size. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Spruce with other species. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2025</p>										
20 41161020-Cut	2.9	6122 - Black Spruce	Poletimber Well	96	81-110	Harvest	Clearcut	6122 - Black Spruce	Even-Aged	No
<p><u>Prescription</u> Clearcut no retention due to small size. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Spruce with other species. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2025</p>										
25 41161025-Cut	5.2	6122 - Black Spruce	Poletimber Well	89	51-80	Harvest	Clearcut	6122 - Black Spruce	Even-Aged	No
<p><u>Prescription</u> Clearcut no retention due to small size. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Spruce with other species. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2025</p>										
26 41161026-Cut	18.4	6122 - Black Spruce	Poletimber Medium	94	51-80	Harvest	Clearcut with Retention	6122 - Black Spruce	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention, retention should be against stand 38. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Spruce with other species. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2025</p>										



S
t
a
n
d

Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
28 41161028-Cut	22.5	6122 - Black Spruce	Poletimber Well	96	51-80	Harvest	Clearcut with Retention	6122 - Black Spruce	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention <u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable</u> Spruce with other species. <u>Regen:</u></p> <p><u>Other</u> <u>Comment:</u></p> <p><u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2025</p>										
31 41161031-Cut	11.1	6122 - Black Spruce	Poletimber Well	94	81-110	Harvest	Clearcut with Retention	6122 - Black Spruce	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention, retention should be against stand 38. <u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable</u> Spruce with other species. <u>Regen:</u></p> <p><u>Other</u> <u>Comment:</u></p> <p><u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2025</p>										
39 41161039-Cut	5.0	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	96	81-110	Harvest	Clearcut	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Clearcut. no retention due to small size. <u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable</u> Any mix of species <u>Regen:</u></p> <p><u>Other</u> <u>Comment:</u></p> <p><u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2025</p>										
41 41161041-Cut	31.4	6122 - Black Spruce	Poletimber Well	96	81-110	Harvest	Clearcut with Retention	6122 - Black Spruce	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention, retention should be against stand 38. <u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable</u> Spruce with other species. <u>Regen:</u></p> <p><u>Other</u> <u>Comment:</u></p> <p><u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2025</p>										



S
t
a
n
d

Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
42 41161042-Cut	8.8	6121 - Tamarack	Poletimber Well	104	1-50	Harvest	Clearcut	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Clearcut. no retention due to small size. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Any mix of species <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2025</p>										
52 41161052-Cut	29.8	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Well	89	81-110	Harvest	Group Selection	612 - Lowland Coniferous Forest	Uneven-Aged	No
<p><u>Prescription</u> Remove all trees except hemlock, cedar and yellow birch. Mark hemlock as need for operations. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Hemlock mainly but all species is acceptable. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2025</p>										
58 41161058-Cut	5.4	6122 - Black Spruce	Poletimber Well	91	Unspecified	Harvest	Clearcut	6122 - Black Spruce	Even-Aged	No
<p><u>Prescription</u> Clearcut all trees. No retention due to small size. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Spruce and other lowland species. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2025</p>										
61 41161061-Cut	8.9	6122 - Black Spruce	Poletimber Well	91	51-80	Harvest	Clearcut	6122 - Black Spruce	Even-Aged	No
<p><u>Prescription</u> Clearcut all trees. No retention due to small size. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Spruce with other species. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2025</p>										



S
t
a
n
d

Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
64 41161064-Cut	19.8	6122 - Black Spruce	Poletimber Well	91	51-80	Harvest	Clearcut with Retention	6122 - Black Spruce	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention. Retention can be anywhere. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Spruce with other species. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2025</p>										
73 41161073-Cut	11.0	6129 - Mixed Coniferous Lowland Forest	Sawtimber Well	89	81-110	Harvest	Group Selection	612 - Lowland Coniferous Forest	Uneven-Aged	No
<p><u>Prescription</u> Cut all species except yellow birch, white pine and hemlock. Mark hemlock and other remaining species as needed to promote regeneration. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Hemlock and other species. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2025</p>										
77 41161077-Cut	28.4	4112 - Maple, Beech, Cherry Association	Sawtimber Well	94	1-50	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention, 2 inch spec. only part of the stand is being harvested so remaining stand is retention. <u>Specs:</u> <u>Next Step</u> SitePrep, Other - Specify <u>Treatments:</u> <u>Acceptable</u> Planted aspen <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2025</p>										

Total Treatment Acreage Proposed: 310.8

Report 4 – Site Conditions

Shingleton Mgt. Unit
Mario Molin : Examiner

Compartment: 161
Year of Entry: 2026



Availability for Management

Total Acres	Acres Available	Acres Avail		Acres Not Available		Dominant Site Conditions		
		With Condition				4A	5C	3A
194	122	72		0	Aspen		72	
34	34	0		0	Bog			
585	585	0		0	Cedar			
7	7	0		0	Hemlock			
318	125	193		0	Lowland Conifers	23	169	
158	8	150		0	Lowland Deciduous	150		
42	42	0		0	Lowland Mixed Forest			
224	160	0		63	Lowland Shrub			63
152	139	13		0	Lowland Spruce/Fir	13		
617	617	0		0	Northern Hardwood			
9	9	0		0	Tamarack			
14	14	0		0	Treed Bog			
73	73	0		0	Upland Conifers			
7	7	0		0	Upland Mixed Forest			
16	3	13		0	Upland Spruce/Fir	13		
16	16	0		0	Urban			
125	125	0		0	White Pine			
2,590	2,085	441		63	Total Forested Acres	199	241	63
	81%	17%		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
1	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	72	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Shingleton Mgt. Unit
Mario Molin : Examiner

Compartment: 161
Year of Entry: 2026



2	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	70	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	59	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	40	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Available	4A: No Markets Available for these Forest Products	24	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Available	4A: No Markets Available for these Forest Products	136	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Available	4A: No Markets Available for these Forest Products	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Shingleton Mgt. Unit

Mario Molin : Examiner

Compartment: 161

Year of Entry: 2026



8	Available	4A: No Markets Available for these Forest Products	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Available	4A: No Markets Available for these Forest Products	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Available	4A: No Markets Available for these Forest Products	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
23	Unavailable	3A: Conservation Values incompatible with harvest at this time	63	Unspecified	Unspecified	Unspecified	Unspecified
Comments: ERA							

Mgt. Unit

Compartment: #Type!

Year of Entry:



Report 5 – 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 6 – 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
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
SCA	Habitat Area	An area that provide some specific need for the life cycle of wildlife species, including State Wildlife Areas and Waterfowl Production Areas, deer wintering complexes in lowland conifer communities, grassland openings and savannas. Habitat areas are distinct from critical habitat designated for recovery of endangered or threatened species (such as Kirtland's warbler or piping plover areas) in that they are more general in nature, are not primarily associated with threatened or endangered species, and are not covered by species recovery plans that are developed in cooperation with Federal agencies.
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of natural communities that have been identified as Element Occurrences (EOs) by the Michigan Natural Features Inventory (MNFI) within the context of their natural community classification system. Element Occurrences with viability ranks of A (Excellent) or B (Good) and a Global (G) or State (S) element (rarity) ranking of endangered (1), threatened (2), or rare (3) serve as an initial base of ERAs. They may be located upon any ownership in the State. The system is comprised of individual or associations of natural community types that are managed for restoration and maintenance of natural ecological processes and values. The public may submit recommendations for lands as ERAs using the DNR Conservation Area Recommendation Form.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																									
1	6129 - Mixed Coniferous Lowland Forest	Sawtimber Well	23.5	94	51-80	N/A																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>15</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Hemlock</td> <td>65</td> <td>Log</td> <td>16</td> <td>94</td> </tr> <tr> <td>White Pine</td> <td>15</td> <td>XLog</td> <td>20</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	15	Pole	6		Black Spruce	5	Pole	6		Hemlock	65	Log	16	94	White Pine	15	XLog	20		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Hemlock</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	High	Variable	Sapling	Balsam Fir	Low	Variable	Sapling	Hemlock	Medium	Variable	Sapling				
Canopy Species	% Cover	Size Class	DBH	Age																																												
Red Maple	15	Pole	6																																													
Black Spruce	5	Pole	6																																													
Hemlock	65	Log	16	94																																												
White Pine	15	XLog	20																																													
Sub-Canopy Species	Density	Avg. Height	Size																																													
Red Maple	High	Variable	Sapling																																													
Balsam Fir	Low	Variable	Sapling																																													
Hemlock	Medium	Variable	Sapling																																													
2	4112 - Maple, Beech, Cherry Association	Sawtimber Well	18.9	94	81-110	N/A	Another Beech Sale TS:41-046-13-01 TCR: 9/27/17																																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Yellow Birch</td> <td>3</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Sugar Maple</td> <td>47</td> <td>Log/Pole</td> <td>10</td> <td>94</td> </tr> <tr> <td>Red Maple</td> <td>42</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Hemlock</td> <td>5</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Beech</td> <td>3</td> <td>Log</td> <td>16</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Yellow Birch	3	Pole	8		Sugar Maple	47	Log/Pole	10	94	Red Maple	42	Pole	8		Hemlock	5	Log	12		Beech	3	Log	16		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Beech</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Sugar Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Beech	High	Variable	Sapling	Sugar Maple	Low	Variable	Sapling			
Canopy Species	% Cover	Size Class	DBH	Age																																												
Yellow Birch	3	Pole	8																																													
Sugar Maple	47	Log/Pole	10	94																																												
Red Maple	42	Pole	8																																													
Hemlock	5	Log	12																																													
Beech	3	Log	16																																													
Sub-Canopy Species	Density	Avg. Height	Size																																													
Beech	High	Variable	Sapling																																													
Sugar Maple	Low	Variable	Sapling																																													
3	6129 - Mixed Coniferous Lowland Forest	Sawtimber Well	4.7	94	51-80	N/A																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Beech</td> <td>3</td> <td>Log</td> <td>16</td> <td></td> </tr> <tr> <td>Hemlock</td> <td>90</td> <td>Log</td> <td>16</td> <td>94</td> </tr> <tr> <td>White Pine</td> <td>7</td> <td>Log</td> <td>16</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Beech	3	Log	16		Hemlock	90	Log	16	94	White Pine	7	Log	16		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Beech</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Hemlock</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Beech	Medium	Variable	Sapling	Balsam Fir	Medium	Variable	Sapling	Hemlock	Low	Variable	Sapling	Red Maple	Medium	Variable	Sapling					
Canopy Species	% Cover	Size Class	DBH	Age																																												
Beech	3	Log	16																																													
Hemlock	90	Log	16	94																																												
White Pine	7	Log	16																																													
Sub-Canopy Species	Density	Avg. Height	Size																																													
Beech	Medium	Variable	Sapling																																													
Balsam Fir	Medium	Variable	Sapling																																													
Hemlock	Low	Variable	Sapling																																													
Red Maple	Medium	Variable	Sapling																																													
4	4112 - Maple, Beech, Cherry Association	Poletimber Well	10.1	42	51-80	N/A	More of a 2 aged stand look. May have been sheltered cut last time or some similar type cut.																																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>15</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>70</td> <td>Pole</td> <td>6</td> <td>42</td> </tr> <tr> <td>Beech</td> <td>10</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Sugar Maple</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	15	Log	12		Red Maple	70	Pole	6	42	Beech	10	Log	14		Sugar Maple	5	Pole	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Beech</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Ironwood</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	Variable	Sapling	Beech	Low	Variable	Sapling	Ironwood	Low	Variable	Sapling				
Canopy Species	% Cover	Size Class	DBH	Age																																												
Red Maple	15	Log	12																																													
Red Maple	70	Pole	6	42																																												
Beech	10	Log	14																																													
Sugar Maple	5	Pole	6																																													
Sub-Canopy Species	Density	Avg. Height	Size																																													
Red Maple	Medium	Variable	Sapling																																													
Beech	Low	Variable	Sapling																																													
Ironwood	Low	Variable	Sapling																																													
5	6129 - Mixed Coniferous Lowland Forest	Sawtimber Well	1.1	94	51-80	N/A																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Beech</td> <td>3</td> <td>Log</td> <td>16</td> <td></td> </tr> <tr> <td>White Pine</td> <td>7</td> <td>Log</td> <td>16</td> <td></td> </tr> <tr> <td>Hemlock</td> <td>90</td> <td>Log</td> <td>16</td> <td>94</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Beech	3	Log	16		White Pine	7	Log	16		Hemlock	90	Log	16	94	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Hemlock</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Beech</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	Variable	Sapling	Balsam Fir	Medium	Variable	Sapling	Hemlock	Low	Variable	Sapling	Beech	Medium	Variable	Sapling					
Canopy Species	% Cover	Size Class	DBH	Age																																												
Beech	3	Log	16																																													
White Pine	7	Log	16																																													
Hemlock	90	Log	16	94																																												
Sub-Canopy Species	Density	Avg. Height	Size																																													
Red Maple	Medium	Variable	Sapling																																													
Balsam Fir	Medium	Variable	Sapling																																													
Hemlock	Low	Variable	Sapling																																													
Beech	Medium	Variable	Sapling																																													



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

6	6131 - Hemlock, White Pine, Maple, Birch	Poletimber Well	35.0	75	1-50	N/A	Mix of everything, most just making merchantability, some good hemlock regen in south of stand.
---	--	-----------------	------	----	------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	5	Pole	8	
Hemlock	20	Pole/Log	8	
Red Maple	20	Pole	6	76
Black Ash	10	Pole	6	
Yellow Birch	15	Pole	6	
Black Spruce	10	Pole	6	
Balsam Fir	5	Pole	6	
Northern White Cedar	15	Pole	6	

Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	Low	Variable	Sapling
Red Maple	Low	Variable	Sapling
Balsam Fir	Medium	Variable	Sapling

7	4110 - Sugar Maple Association	Sawtimber Well	3.8	94	51-80	N/A	Another Beech sale TS: 41-046-13-01 TCR: 9/27/17
---	--------------------------------	----------------	-----	----	-------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Pole	8	
Yellow Birch	5	Pole	8	
Sugar Maple	85	Log	12	94
Beech	5	Log	16	

Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	Low	Variable	Sapling
Sugar Maple	Low	Variable	Sapling
Beech	Medium	Variable	Sapling

8	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	15.9	94	1-50	N/A	
---	--	-----------------	------	----	------	-----	--

Canopy Species	% Cover	Size Class	DBH	Age
Yellow Birch	5	Pole	8	
Northern White Cedar	45	Log	10	94
Red Maple	10	Pole	8	
Paper Birch	10	Pole	8	
Balsam Fir	5	Pole	6	
Black Spruce	25	Pole	6	

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	Medium	Variable	Sapling
Northern White Cedar	Medium	Variable	Sapling
Hemlock	Low	Variable	Sapling

9	629 - Mixed non-forested wetland	Nonstocked	19.2			No	
---	----------------------------------	------------	------	--	--	----	--

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	Low		Sapling
Tamarack	Low		Sapling
White Pine	Low		Sapling
Tag Alder	Low		Tall Shrub



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

10	42340 - Upland Spruce/Fir	Poletimber Well	3.0	75	81-110	N/A	
-----------	---------------------------	-----------------	-----	----	--------	-----	--

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	20	Pole	6	75
Black Spruce	50	Pole	6	75
Balsam Fir	10	Pole	6	
White Pine	10	Pole	6	
Quaking Aspen	5	Pole	8	
Hemlock	5	Pole	6	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	Variable	Sapling
Hemlock	Medium	Variable	Sapling
Black Spruce	Medium	Variable	Sapling

11	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	13.7	82	51-80	N/A	
-----------	--	-----------------	------	----	-------	-----	--

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	35	Pole	6	83
Quaking Aspen	5	Pole	6	
Northern White Cedar	10	Pole	6	
Black Spruce	10	Pole	6	
Hemlock	10	Pole	6	
Paper Birch	30	Pole	6	

Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	Medium	Variable	Sapling
Red Maple	Medium	Variable	Sapling
Balsam Fir	Medium	Variable	Sapling

12	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Well	45.9	94	51-80	N/A	
-----------	--	----------------	------	----	-------	-----	--

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	10	Log	10	
Hemlock	65	Log	16	95
Red Maple	25	Log	16	

Sub-Canopy Species	Density	Avg. Height	Size
Beech	Medium	Variable	Sapling
White Pine	Low	Variable	Sapling
Hemlock	Low	Variable	Sapling
Red Maple	Medium	Variable	Sapling

13	4112 - Maple, Beech, Cherry Association	Sawtimber Well	17.3	94	1-50	N/A	North end of stand is very portable quality and stocking 2024Another Beech Sale TS: 41-046-13-01 TCR: 9/27/17
-----------	---	----------------	------	----	------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	85	Log	10	94
Hemlock	10	Log	14	
Beech	5	Log	12	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Medium	Variable	Sapling
Beech	Full	Variable	Sapling
Hemlock	Low	Variable	Sapling

14	42320 - Upland Spruce	Poletimber Well	12.6	82	51-80	N/A	Has a ridge of high ground where birch is dying out. Survey corner is there, 20 in white pine witness tree is dead and rotting away 20 ft tall and 8 in spruce is snapped off at 7ft. Found post 6 ft east of 6 in white pine.
-----------	-----------------------	-----------------	------	----	-------	-----	--

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	20	Pole	6	82
Red Maple	5	Pole	5	
Black Spruce	75	Pole	6	82

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	Variable	Sapling
Red Maple	Low	Variable	Sapling
Black Spruce	Low	Variable	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																		
15	6225 - Bog	Nonstocked	34.1			No																																																			
		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>Low</td> <td></td> <td>Sapling</td> </tr> <tr> <td>Tamarack</td> <td>Low</td> <td></td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Trace</td> <td></td> <td>Pole</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Low		Sapling	Tamarack	Low		Sapling	White Pine	Trace		Pole																																						
Sub-Canopy Species	Density	Avg. Height	Size																																																						
Black Spruce	Low		Sapling																																																						
Tamarack	Low		Sapling																																																						
White Pine	Trace		Pole																																																						
16	4134 - Aspen, Spruce/Fir	Sapling Well	51.7	33	Immature	N/A																																																			
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>5</td> <td>Sapling</td> <td>4</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>50</td> <td>Sapling</td> <td>4</td> <td>33</td> </tr> <tr> <td>Balsam Fir</td> <td>30</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>5</td> <td>Sapling</td> <td>4</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>10</td> <td>Sapling</td> <td>4</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	5	Sapling	4		Quaking Aspen	50	Sapling	4	33	Balsam Fir	30	Sapling/Pole	4		Black Spruce	5	Sapling	4		Paper Birch	10	Sapling	4		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Paper Birch</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Quaking Aspen</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	< 5 feet	Sapling	Paper Birch	Low	< 5 feet	Sapling	Quaking Aspen	Low	< 5 feet	Sapling	Balsam Fir	Low	< 5 feet	Sapling		
Canopy Species	% Cover	Size Class	DBH	Age																																																					
Red Maple	5	Sapling	4																																																						
Quaking Aspen	50	Sapling	4	33																																																					
Balsam Fir	30	Sapling/Pole	4																																																						
Black Spruce	5	Sapling	4																																																						
Paper Birch	10	Sapling	4																																																						
Sub-Canopy Species	Density	Avg. Height	Size																																																						
Red Maple	Low	< 5 feet	Sapling																																																						
Paper Birch	Low	< 5 feet	Sapling																																																						
Quaking Aspen	Low	< 5 feet	Sapling																																																						
Balsam Fir	Low	< 5 feet	Sapling																																																						
17	6120 - Lowland Cedar	Sapling Well	36.2	69	1-50	N/A																																																			
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Northern White Cedar</td> <td>85</td> <td>Sapling</td> <td>3</td> <td>69</td> </tr> <tr> <td>Black Spruce</td> <td>5</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Sapling</td> <td>3</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	85	Sapling	3	69	Black Spruce	5	Sapling	3		White Pine	5	Log	14		Paper Birch	5	Sapling	3		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Northern White Cedar</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Low	Variable	Sapling	Northern White Cedar	Medium	Variable	Sapling															
Canopy Species	% Cover	Size Class	DBH	Age																																																					
Northern White Cedar	85	Sapling	3	69																																																					
Black Spruce	5	Sapling	3																																																						
White Pine	5	Log	14																																																						
Paper Birch	5	Sapling	3																																																						
Sub-Canopy Species	Density	Avg. Height	Size																																																						
Black Spruce	Low	Variable	Sapling																																																						
Northern White Cedar	Medium	Variable	Sapling																																																						
18	6122 - Black Spruce	Poletimber Well	4.8	96	81-110	N/A	Transition in north to more fir and birch																																																		
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>10</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>85</td> <td>Pole</td> <td>7</td> <td>96</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Balsam Fir	5	Pole	6		Paper Birch	10	Pole	5		Black Spruce	85	Pole	7	96	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Low	< 5 feet	Sapling																								
Canopy Species	% Cover	Size Class	DBH	Age																																																					
Balsam Fir	5	Pole	6																																																						
Paper Birch	10	Pole	5																																																						
Black Spruce	85	Pole	7	96																																																					
Sub-Canopy Species	Density	Avg. Height	Size																																																						
Black Spruce	Low	< 5 feet	Sapling																																																						
19	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	136.4	83	1-50	N/A	Mainly sub merchantable timber.																																																		
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>55</td> <td>Pole</td> <td>5</td> <td>83</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>5</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>5</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>10</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>15</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Black Ash</td> <td>10</td> <td>Sapling</td> <td>4</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	55	Pole	5	83	Bigtooth Aspen	5	Pole	5		Tamarack	5	Pole	5		Paper Birch	10	Pole	5		Black Spruce	15	Pole	5		Black Ash	10	Sapling	4		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	< 5 feet	Sapling									
Canopy Species	% Cover	Size Class	DBH	Age																																																					
Red Maple	55	Pole	5	83																																																					
Bigtooth Aspen	5	Pole	5																																																						
Tamarack	5	Pole	5																																																						
Paper Birch	10	Pole	5																																																						
Black Spruce	15	Pole	5																																																						
Black Ash	10	Sapling	4																																																						
Sub-Canopy Species	Density	Avg. Height	Size																																																						
Balsam Fir	Low	< 5 feet	Sapling																																																						
20	6122 - Black Spruce	Poletimber Well	2.9	96	81-110	N/A																																																			
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>100</td> <td>Pole</td> <td>8</td> <td>96</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	100	Pole	8	96																																												
Canopy Species	% Cover	Size Class	DBH	Age																																																					
Black Spruce	100	Pole	8	96																																																					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments															
21	6224 - Treed Bog	Nonstocked	14.3			No																
				<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tamarack</td> <td>Low</td> <td></td> <td>Sapling</td> </tr> <tr> <td>Black Spruce</td> <td>Low</td> <td></td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td></td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tamarack	Low		Sapling	Black Spruce	Low		Sapling	White Pine	Low		Sapling	
Sub-Canopy Species	Density	Avg. Height	Size																			
Tamarack	Low		Sapling																			
Black Spruce	Low		Sapling																			
White Pine	Low		Sapling																			
22	6122 - Black Spruce	Sapling Poor	1.6	89	1-50	N/A	This is a spruce bog.															
				<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Tamarack</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Black Spruce</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	< 5 feet	Sapling	Tamarack	Low	< 5 feet	Sapling	Black Spruce	Low	< 5 feet	Sapling	
Sub-Canopy Species	Density	Avg. Height	Size																			
White Pine	Low	< 5 feet	Sapling																			
Tamarack	Low	< 5 feet	Sapling																			
Black Spruce	Low	< 5 feet	Sapling																			
23	4319 - Mixed Upland Forest	Poletimber Well	7.3	99	81-110	N/A	Small bit of high ground, where edge transitions to spruce bog.															
				<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black Spruce</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	Variable	Sapling	Black Spruce	Low	Variable	Sapling					
Sub-Canopy Species	Density	Avg. Height	Size																			
Balsam Fir	Medium	Variable	Sapling																			
Black Spruce	Low	Variable	Sapling																			
24	6120 - Lowland Cedar	Poletimber Well	432.8	94	51-80	N/A	Stand varies in size class throughout, black ash is scattered in the stand.															
				<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Northern White Cedar</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Low	Variable	Sapling	Northern White Cedar	Medium	Variable	Sapling					
Sub-Canopy Species	Density	Avg. Height	Size																			
Black Spruce	Low	Variable	Sapling																			
Northern White Cedar	Medium	Variable	Sapling																			
25	6122 - Black Spruce	Poletimber Well	5.2	89	51-80	N/A																
				<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	Variable	Sapling	Red Maple	Medium	Variable	Sapling					
Sub-Canopy Species	Density	Avg. Height	Size																			
Balsam Fir	Low	Variable	Sapling																			
Red Maple	Medium	Variable	Sapling																			
26	6122 - Black Spruce	Poletimber Medium	18.4	94	51-80	N/A	Areas have advanced red maple and paper birch understory. Occasional cedar and white pine.															
				<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black Spruce</td> <td>Medium</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	Variable	Sapling	Black Spruce	Medium	< 5 feet	Sapling					
Sub-Canopy Species	Density	Avg. Height	Size																			
Red Maple	Medium	Variable	Sapling																			
Black Spruce	Medium	< 5 feet	Sapling																			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																														
27	6122 - Black Spruce	Poletimber Well	9.0	89	81-110	N/A	Very difficult to access.																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>85</td> <td>Pole</td> <td>8</td> <td>89</td> </tr> <tr> <td>Tamarack</td> <td>3</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>2</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	10	Pole	8		Black Spruce	85	Pole	8	89	Tamarack	3	Pole	8		Red Maple	2	Pole	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black Spruce</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	Variable	Sapling	Balsam Fir	Medium	Variable	Sapling	Black Spruce	Medium	Variable	Sapling									
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Paper Birch	10	Pole	8																																																		
Black Spruce	85	Pole	8	89																																																	
Tamarack	3	Pole	8																																																		
Red Maple	2	Pole	6																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																		
Red Maple	Medium	Variable	Sapling																																																		
Balsam Fir	Medium	Variable	Sapling																																																		
Black Spruce	Medium	Variable	Sapling																																																		
28	6122 - Black Spruce	Poletimber Well	22.5	96	51-80	N/A	Stand has a bit of variability, some scatter XL red and white pine as well as some scattered paper birch.																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>3</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>2</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>White Pine</td> <td>3</td> <td>XLog</td> <td>20</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>85</td> <td>Pole</td> <td>6</td> <td>96</td> </tr> <tr> <td>Tamarack</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>2</td> <td>Log</td> <td>14</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	3	Pole	8		Red Maple	2	Pole	6		White Pine	3	XLog	20		Black Spruce	85	Pole	6	96	Tamarack	5	Pole	6		Red Pine	2	Log	14		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	Variable	Sapling	Red Maple	Medium	Variable	Sapling			
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Paper Birch	3	Pole	8																																																		
Red Maple	2	Pole	6																																																		
White Pine	3	XLog	20																																																		
Black Spruce	85	Pole	6	96																																																	
Tamarack	5	Pole	6																																																		
Red Pine	2	Log	14																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																		
Balsam Fir	Medium	Variable	Sapling																																																		
Red Maple	Medium	Variable	Sapling																																																		
29	122 - Road/Parking Lot	Nonstocked	14.7			No																																															
30	6139 - Mixed Lowland Forest	Poletimber Medium	6.7	90	81-110	N/A	Two canopy layers, conifer upper dominate canopy with a red maple undernieth.																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>45</td> <td>Pole</td> <td>6</td> <td>90</td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Log</td> <td>16</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>40</td> <td>Pole</td> <td>8</td> <td>90</td> </tr> <tr> <td>Red Pine</td> <td>5</td> <td>Log</td> <td>16</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	45	Pole	6	90	White Pine	5	Log	16		Tamarack	40	Pole	8	90	Red Pine	5	Log	16		Black Spruce	5	Pole	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Paper Birch</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Tamarack</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	Variable	Sapling	Balsam Fir	Medium	Variable	Sapling	Paper Birch	Low	Variable	Sapling	Tamarack	Medium	Variable	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Red Maple	45	Pole	6	90																																																	
White Pine	5	Log	16																																																		
Tamarack	40	Pole	8	90																																																	
Red Pine	5	Log	16																																																		
Black Spruce	5	Pole	6																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																		
Red Maple	Medium	Variable	Sapling																																																		
Balsam Fir	Medium	Variable	Sapling																																																		
Paper Birch	Low	Variable	Sapling																																																		
Tamarack	Medium	Variable	Sapling																																																		
31	6122 - Black Spruce	Poletimber Well	11.1	94	81-110	N/A	Mainly small diameter timber, stand is most likely overstocked (120 BA of 5 inch spruce at 85 years old...) There are some areas that have better/larger diameter spruce. Hold till next entry and clear cut.																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>95</td> <td>Pole</td> <td>6</td> <td>94</td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole</td> <td>5</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	95	Pole	6	94	Paper Birch	5	Pole	5		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black Spruce</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	Variable	Sapling	Black Spruce	Low	< 5 feet	Sapling																							
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Black Spruce	95	Pole	6	94																																																	
Paper Birch	5	Pole	5																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																		
Red Maple	Medium	Variable	Sapling																																																		
Black Spruce	Low	< 5 feet	Sapling																																																		
32	6125 - Lowland Black Spruce, Jack Pine	Sapling Well	5.1	33	Immature	N/A																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>30</td> <td>Sapling/Pole</td> <td>4</td> <td>33</td> </tr> <tr> <td>Tamarack</td> <td>30</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>White Pine</td> <td>20</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>20</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	30	Sapling/Pole	4	33	Tamarack	30	Sapling/Pole	4		White Pine	20	Sapling/Pole	4		Jack Pine	20	Sapling/Pole	4		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Low	< 5 feet	Sapling	White Pine	Low	< 5 feet	Sapling													
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Black Spruce	30	Sapling/Pole	4	33																																																	
Tamarack	30	Sapling/Pole	4																																																		
White Pine	20	Sapling/Pole	4																																																		
Jack Pine	20	Sapling/Pole	4																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																		
Black Spruce	Low	< 5 feet	Sapling																																																		
White Pine	Low	< 5 feet	Sapling																																																		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

33 4130 - Aspen Poletimber Well 27.4 36 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	5	Pole/Sapling	6		Red Maple	Low	< 5 feet	Sapling
Black Spruce	3	Pole/Sapling	6		Balsam Fir	Low	< 5 feet	Sapling
Red Maple	15	Pole/Sapling	6					
Balsam Fir	10	Pole/Sapling	6					
Hemlock	2	Pole/Sapling	6					
Quaking Aspen	65	Pole/Sapling	6	36				

34 4112 - Maple, Beech, Cherry Association Sawtimber Well 292.8 94 51-80 N/A

Another Beech Sale TS: 41-046-13-01
TCR: 9/27/17

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	10	Log	14		Red Maple	Medium	Variable	Sapling
Hemlock	5	XLog	18		Beech	High	Variable	Sapling
Beech	5	Log	14					
Red Maple	78	Log	14	94				
Yellow Birch	2	Pole	8					

35 4112 - Maple, Beech, Cherry Association Sawtimber Medium 119.8 94 1-50 N/A

TS: 41-040-13-01 unit 2TCR- 1/5/16

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	3	Log	14		Beech	High	Variable	Sapling
Hemlock	2	XLog	18		Red Maple	Medium	Variable	Sapling
Beech	5	Log	16					
Red Maple	90	Log	14	94				

36 6122 - Black Spruce Sapling Medium 6.8 59 Unspecified N/A

This seems to be a transition zone, there are a handful of larger jack and white pine in the stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	2	Pole	6		Black Spruce	Low	< 5 feet	Sapling
Red Pine	2	Pole	6					
Jack Pine	2	Pole	6					
Black Spruce	94	Sapling	3	59				

37 6122 - Black Spruce Poletimber Well 4.2 86 81-110 N/A

Scattered birch and cherry, has a hardwood understory developing.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	50	Pole	6	86	Balsam Fir	Medium	Variable	Sapling
Tamarack	25	Pole	8		Red Maple	Medium	Variable	Sapling
Red Maple	10	Pole	6					
White Pine	5	Log	16					
Red Pine	10	Log	12					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments					
38	629 - Mixed non-forested wetland	Nonstocked	134.1			No	Creighton marsh.....and no marsh option.....Scattered red pine islands in the south west could potentially classified at some point as some sort of old growth, there is natural regeneration and a many different size classes. Islands are too small to type out as stands and would most likely never be included in a timber sale due to there small size and remoteness.					
								Sub-Canopy Species	Density	Avg. Height	Size	
								Tag Alder	Medium	Variable	Tall Shrub	
								Black Spruce	Low	Variable	Sapling	
								White Pine	Low	Variable	Pole	
Red Pine	Low	5 - 10 feet	Pole									
39	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	5.0	96	81-110	N/A	Consider cutting all spruce and maple.					
								Canopy Species	% Cover	Size Class	DBH	Age
								Black Spruce	35	Pole	8	96
								Paper Birch	15	Log/Pole	10	
								Red Maple	20	Pole	8	
								White Pine	25	XLog	22	
								Red Pine	5	XLog	20	
Sub-Canopy Species	Density	Avg. Height	Size									
Red Maple	Medium	Variable	Sapling									
Beech	Low	Variable	Sapling									
Balsam Fir	Medium	Variable	Sapling									
40	6124 - Lowland Spruce-Fir	Poletimber Well	6.7	36	51-80	N/A						
								Canopy Species	% Cover	Size Class	DBH	Age
								White Pine	20	Pole	5	
								Quaking Aspen	20	Pole	6	
								Balsam Fir	35	Pole	5	36
								Black Spruce	25	Pole	5	
								Sub-Canopy Species	Density	Avg. Height	Size	
Balsam Fir	Medium	< 5 feet	Sapling									
41	6122 - Black Spruce	Poletimber Well	31.4	96	81-110	N/A						
								Canopy Species	% Cover	Size Class	DBH	Age
								Black Spruce	85	Pole	8	96
								Paper Birch	5	Pole	6	
								Red Pine	5	XLog/Log	18	
								White Pine	5	Log	12	
								Sub-Canopy Species	Density	Avg. Height	Size	
Black Spruce	Medium	Variable	Sapling									
42	6121 - Tamarack	Poletimber Well	8.8	104	1-50	N/A	varies in size from east to west.					
								Canopy Species	% Cover	Size Class	DBH	Age
								Red Pine	2	Pole	6	
								Black Spruce	15	Pole	6	
								Tamarack	75	Pole	9	104
								Red Maple	8	Pole	6	
								Sub-Canopy Species	Density	Avg. Height	Size	
Balsam Fir	Low	Variable	Sapling									
Red Maple	Medium	10 - 20 feet	Sapling									
Paper Birch	Low	10 - 20 feet	Sapling									
Black Spruce	Medium	Variable	Sapling									



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
43	429 - Mixed Upland Conifers	Poletimber Well	4.3	94	51-80	N/A	
Canopy Species	% Cover	Size Class	DBH	Age			
Black Spruce	40	Pole	6				
Red Maple	5	Pole	6				
Tamarack	10	Pole	6				
Red Pine	45	Log	12	94			
Sub-Canopy Species	Density	Avg. Height	Size				
Red Maple	Medium	Variable	Sapling				
Black Spruce	Low	Variable	Sapling				
Red Pine	Low	Variable	Sapling				
Tamarack	Low	Variable	Sapling				
44	42350 - Upland Hemlock	Sawtimber Well	6.6	96	81-110	N/A	Hemlock is regenerating well, spruce is very low productivity.
Canopy Species	% Cover	Size Class	DBH	Age			
Black Spruce	40	Pole	6				
Hemlock	50	Log	12	96			
Red Maple	5	Pole	5				
Tamarack	5	Pole	6				
Sub-Canopy Species	Density	Avg. Height	Size				
Black Spruce	Low	Variable	Sapling				
Red Maple	Low	Variable	Sapling				
Balsam Fir	Medium	Variable	Sapling				
Hemlock	Low	Variable	Sapling				
45	4130 - Aspen	Poletimber Well	5.5	36	1-50	N/A	
Canopy Species	% Cover	Size Class	DBH	Age			
Red Maple	5	Sapling	4				
Paper Birch	5	Sapling	4				
Bigtooth Aspen	90	Pole/Sapling	5	36			
46	6120 - Lowland Cedar	Sawtimber Well	6.2	89	81-110	N/A	
Canopy Species	% Cover	Size Class	DBH	Age			
Hemlock	20	XLog	20				
Northern White Cedar	50	Pole	8	90			
White Pine	30	XLog	20				
Sub-Canopy Species	Density	Avg. Height	Size				
White Pine	Medium	Variable	Sapling				
Northern White Cedar	Medium	Variable	Sapling				
47	6120 - Lowland Cedar	Sapling Medium	31.6	69	1-50	N/A	Mainly submerchantable cedar and spruce app. 20ft tall. Scattered superstorey white pine.
Canopy Species	% Cover	Size Class	DBH	Age			
White Pine	5	Log	12				
Paper Birch	10	Sapling	4				
Black Spruce	5	Sapling	4				
Northern White Cedar	80	Sapling	4	69			
48	6129 - Mixed Coniferous Lowland Forest	Sawtimber Well	69.7	89	81-110	N/A	Great hemlock regenreation.
Canopy Species	% Cover	Size Class	DBH	Age			
Black Spruce	5	Pole	8				
Hemlock	70	Log	16	89			
Northern White Cedar	15	Pole	8				
Balsam Fir	5	Pole	8				
Red Maple	5	Pole	8				
Sub-Canopy Species	Density	Avg. Height	Size				
Balsam Fir	Medium	Variable	Sapling				
Hemlock	Medium	Variable	Sapling				
Northern White Cedar	Medium	Variable	Sapling				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																									
49	6229 - Mixed lowland shrub	Nonstocked	2.0			No																																										
		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Medium</td> <td></td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium		Tall Shrub																																					
Sub-Canopy Species	Density	Avg. Height	Size																																													
Tag Alder	Medium		Tall Shrub																																													
50	6120 - Lowland Cedar	Poletimber Poor	37.8	112	1-50	N/A	Mostly submerchantable cedar with spruce and tamarack in very poor condition, tops are dead with live branches. Could this be from a high water table??? Small pockets of bigger and healthy trees, look like they may be on slightly higher ground.																																									
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>10</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>80</td> <td>Pole/Sapling</td> <td>5</td> <td>112</td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Log</td> <td>10</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	10	Pole/Sapling	5		Northern White Cedar	80	Pole/Sapling	5	112	White Pine	5	Log	10		Tamarack	5	Pole	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Northern White Cedar</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Northern White Cedar	Low	Variable	Sapling										
Canopy Species	% Cover	Size Class	DBH	Age																																												
Black Spruce	10	Pole/Sapling	5																																													
Northern White Cedar	80	Pole/Sapling	5	112																																												
White Pine	5	Log	10																																													
Tamarack	5	Pole	6																																													
Sub-Canopy Species	Density	Avg. Height	Size																																													
Northern White Cedar	Low	Variable	Sapling																																													
51	4112 - Maple, Beech, Cherry Association	Poletimber Well	54.2	49	51-80	N/A																																										
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>5</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>15</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>70</td> <td>Pole</td> <td>8</td> <td>49</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	5	Pole	5		Black Cherry	15	Pole	8		Paper Birch	10	Pole	6		Red Maple	70	Pole	8	49	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	Variable	Sapling	Red Maple	Medium	Variable	Sapling						
Canopy Species	% Cover	Size Class	DBH	Age																																												
Bigtooth Aspen	5	Pole	5																																													
Black Cherry	15	Pole	8																																													
Paper Birch	10	Pole	6																																													
Red Maple	70	Pole	8	49																																												
Sub-Canopy Species	Density	Avg. Height	Size																																													
Balsam Fir	Low	Variable	Sapling																																													
Red Maple	Medium	Variable	Sapling																																													
52	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Well	29.8	89	81-110	N/A	Very good hemlock regeneration.																																									
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Hemlock</td> <td>80</td> <td>Log</td> <td>14</td> <td>89</td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Hemlock	80	Log	14	89	Red Maple	10	Pole	8		Quaking Aspen	5	Pole	6		Paper Birch	5	Pole	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Hemlock</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Hemlock	Medium	Variable	Sapling	Red Maple	Low	Variable	Sapling						
Canopy Species	% Cover	Size Class	DBH	Age																																												
Hemlock	80	Log	14	89																																												
Red Maple	10	Pole	8																																													
Quaking Aspen	5	Pole	6																																													
Paper Birch	5	Pole	8																																													
Sub-Canopy Species	Density	Avg. Height	Size																																													
Hemlock	Medium	Variable	Sapling																																													
Red Maple	Low	Variable	Sapling																																													
53	6229 - Mixed lowland shrub	Nonstocked	4.8		Unspecified	No																																										
		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Unspecified</td> <td></td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Unspecified		Tall Shrub																																					
Sub-Canopy Species	Density	Avg. Height	Size																																													
Tag Alder	Unspecified		Tall Shrub																																													
54	6129 - Mixed Coniferous Lowland Forest	Sawtimber Well	59.4	90	51-80	N/A	Difficult to type out the stand, varies between spruce and cedar with white pine and hemlock mixed in.																																									
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>45</td> <td>Pole</td> <td>6</td> <td>90</td> </tr> <tr> <td>Hemlock</td> <td>5</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>White Pine</td> <td>15</td> <td>Log</td> <td>18</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>35</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	45	Pole	6	90	Hemlock	5	Log	14		White Pine	15	Log	18		Northern White Cedar	35	Pole	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black Spruce</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	Variable	Sapling	Black Spruce	Medium	Variable	Sapling	White Pine	Medium	Variable	Sapling		
Canopy Species	% Cover	Size Class	DBH	Age																																												
Black Spruce	45	Pole	6	90																																												
Hemlock	5	Log	14																																													
White Pine	15	Log	18																																													
Northern White Cedar	35	Pole	6																																													
Sub-Canopy Species	Density	Avg. Height	Size																																													
Balsam Fir	Medium	Variable	Sapling																																													
Black Spruce	Medium	Variable	Sapling																																													
White Pine	Medium	Variable	Sapling																																													



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

55	4119 - Mixed Northern Hardwoods	Sawtimber Medium	14.1	94	1-50	N/A	Under contract "beechball" 41-040-13-01 unit 2 TCR- 1/5/16			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple		50	Log	14	94	Red Maple		Medium	Variable	Sapling
Quaking Aspen		5	Pole	6		Beech		High	Variable	Sapling
White Pine		5	Log	14						
Paper Birch		30	Pole	8						
Black Cherry		10	Pole	8						

56	4136 - Aspen, Mixed Conifer	Poletimber Well	72.3	48	51-80	N/A				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple		10	Pole/Sapling	6		Red Maple		Medium	Variable	Sapling
Balsam Fir		15	Pole	8		Balsam Fir		Low	Variable	Sapling
Hemlock		5	Pole	8		Black Spruce		Low	Variable	Sapling
Black Cherry		5	Pole/Sapling	6						
Bigtooth Aspen		60	Pole/Sapling	6	48					
Paper Birch		5	Pole/Sapling	6						

57	6120 - Lowland Cedar	Poletimber Poor	35.0	112	1-50	N/A				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Black Spruce		5	Pole	6		Black Spruce		Low	Variable	Sapling
Northern White Cedar		90	Pole	5	113	Northern White Cedar		Low	Variable	Sapling
Tamarack		5	Pole	6						

58	6122 - Black Spruce	Poletimber Well	5.4	91	Unspecified	N/A				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Black Spruce		100	Pole	6	91	Black Spruce		Low	< 5 feet	Sapling

59	4134 - Aspen, Spruce/Fir	Poletimber Well	26.1	30	Immature	N/A				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple		10	Sapling/Pole	4		Black Spruce		Low	< 5 feet	Sapling
Balsam Fir		10	Sapling/Pole	4		Red Maple		Low	< 5 feet	Sapling
Black Spruce		10	Pole	5		Quaking Aspen		Low	< 5 feet	Sapling
Quaking Aspen		50	Pole	5	30	Balsam Fir		Low	< 5 feet	Sapling
White Pine		20	Pole	8						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																								
60	42200 - Natural White Pine	Sawtimber Poor	99.5	94	1-50	N/A	stand cut in 2009 (camp conifers) seeded winter 2016 on snowmobile to JP. FTP:1658 regen check needed after 10/1/2019. Regen check passed 2019.																																																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>100</td> <td>XLog</td> <td>20</td> <td>94</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	100	XLog	20	94	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Paper Birch</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Quaking Aspen</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Black Spruce</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	5 - 10 feet	Sapling	Paper Birch	Low	5 - 10 feet	Sapling	Quaking Aspen	Medium	10 - 20 feet	Sapling	White Pine	Medium	5 - 10 feet	Sapling	Black Spruce	Low	< 5 feet	Sapling																										
Canopy Species	% Cover	Size Class	DBH	Age																																																											
White Pine	100	XLog	20	94																																																											
Sub-Canopy Species	Density	Avg. Height	Size																																																												
Red Maple	Medium	5 - 10 feet	Sapling																																																												
Paper Birch	Low	5 - 10 feet	Sapling																																																												
Quaking Aspen	Medium	10 - 20 feet	Sapling																																																												
White Pine	Medium	5 - 10 feet	Sapling																																																												
Black Spruce	Low	< 5 feet	Sapling																																																												
61	6122 - Black Spruce	Poletimber Well	8.9	91	51-80	N/A	Scattered XL white pine.																																																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>100</td> <td>Pole</td> <td>6</td> <td>92</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	100	Pole	6	92	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Low	Variable	Sapling																																										
Canopy Species	% Cover	Size Class	DBH	Age																																																											
Black Spruce	100	Pole	6	92																																																											
Sub-Canopy Species	Density	Avg. Height	Size																																																												
Black Spruce	Low	Variable	Sapling																																																												
62	6113 - Lowland Maple	Poletimber Well	8.1	74	51-80	N/A																																																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>20</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>White Pine</td> <td>15</td> <td>Log</td> <td>10</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>60</td> <td>Pole</td> <td>6</td> <td>74</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	20	Pole	6		White Pine	15	Log	10		Northern White Cedar	5	Pole	8		Red Maple	60	Pole	6	74	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Low	Variable	Sapling	Red Maple	Low	Variable	Sapling																							
Canopy Species	% Cover	Size Class	DBH	Age																																																											
Black Spruce	20	Pole	6																																																												
White Pine	15	Log	10																																																												
Northern White Cedar	5	Pole	8																																																												
Red Maple	60	Pole	6	74																																																											
Sub-Canopy Species	Density	Avg. Height	Size																																																												
Black Spruce	Low	Variable	Sapling																																																												
Red Maple	Low	Variable	Sapling																																																												
63	429 - Mixed Upland Conifers	Poletimber Well	27.0	29	1-50	N/A	Red and White pine residual overstory. Random mix of everything, stand will eventually sort itself out.																																																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>10</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>White Pine</td> <td>30</td> <td>Pole/Sapling</td> <td>5</td> <td>29</td> </tr> <tr> <td>Red Pine</td> <td>10</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>10</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>30</td> <td>Pole/Sapling</td> <td>5</td> <td>29</td> </tr> <tr> <td>Black Spruce</td> <td>5</td> <td>Sapling</td> <td>3</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	10	Log	14		White Pine	30	Pole/Sapling	5	29	Red Pine	10	Log	14		Paper Birch	10	Sapling	3		Balsam Fir	5	Sapling	3		Bigtooth Aspen	30	Pole/Sapling	5	29	Black Spruce	5	Sapling	3		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Paper Birch</td> <td>Medium</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Black Spruce</td> <td>Medium</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	< 5 feet	Sapling	Paper Birch	Medium	< 5 feet	Sapling	White Pine	Medium	< 5 feet	Sapling	Black Spruce	Medium	< 5 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																											
White Pine	10	Log	14																																																												
White Pine	30	Pole/Sapling	5	29																																																											
Red Pine	10	Log	14																																																												
Paper Birch	10	Sapling	3																																																												
Balsam Fir	5	Sapling	3																																																												
Bigtooth Aspen	30	Pole/Sapling	5	29																																																											
Black Spruce	5	Sapling	3																																																												
Sub-Canopy Species	Density	Avg. Height	Size																																																												
Balsam Fir	Medium	< 5 feet	Sapling																																																												
Paper Birch	Medium	< 5 feet	Sapling																																																												
White Pine	Medium	< 5 feet	Sapling																																																												
Black Spruce	Medium	< 5 feet	Sapling																																																												
64	6122 - Black Spruce	Poletimber Well	19.8	91	51-80	N/A																																																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>40</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>White Pine</td> <td>10</td> <td>Log/XLog</td> <td>14</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>50</td> <td>Pole</td> <td>6</td> <td>91</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	40	Pole	8		White Pine	10	Log/XLog	14		Black Spruce	50	Pole	6	91	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Black Spruce</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Jack Pine	Low	< 5 feet	Sapling	White Pine	Low	< 5 feet	Sapling	Black Spruce	Low	< 5 feet	Sapling																								
Canopy Species	% Cover	Size Class	DBH	Age																																																											
Jack Pine	40	Pole	8																																																												
White Pine	10	Log/XLog	14																																																												
Black Spruce	50	Pole	6	91																																																											
Sub-Canopy Species	Density	Avg. Height	Size																																																												
Jack Pine	Low	< 5 feet	Sapling																																																												
White Pine	Low	< 5 feet	Sapling																																																												
Black Spruce	Low	< 5 feet	Sapling																																																												
65	6229 - Mixed lowland shrub	Nonstocked	63.4			No																																																									
		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black Ash</td> <td>Low</td> <td></td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Medium</td> <td></td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black Ash	Low		Sapling	Tag Alder	Medium		Tall Shrub																																																
Sub-Canopy Species	Density	Avg. Height	Size																																																												
Black Ash	Low		Sapling																																																												
Tag Alder	Medium		Tall Shrub																																																												



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
66	429 - Mixed Upland Conifers	Sapling Well	41.6	30	Immature	N/A	Stand could be coded either as jack pine or spruce based on the areas i was in. Stand is a little on the thin sidenot quite fully stocked-matches comments from previous inventory.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Black Spruce		50	Sapling	3	30	White Pine		Low < 5 feet Sapling
Jack Pine		45	Sapling	3		Black Spruce		Low < 5 feet Sapling
White Pine		5	Sapling	3				
67	6129 - Mixed Coniferous Lowland Forest	Sawtimber Well	40.1	94	81-110	N/A		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Maple		5	Pole	8		Beech	Medium Variable Sapling	
Hemlock		95	Log	14	94	Hemlock	Low Variable Sapling	
						Red Maple	Low Variable Sapling	
68	122 - Road/Parking Lot	Nonstocked	1.3			No		
69	4112 - Maple, Beech, Cherry Association	Sawtimber Medium	11.1	94	1-50	N/A	Cut in 12/13 currently under contract "beechball" 41-404-13-01TCR - 1/5/16	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Hemlock		5	XLog/Log	18		Beech		Medium Variable Sapling
Yellow Birch		3	Pole	6		Red Maple		Medium Variable Sapling
Red Maple		92	Log/Pole	10	94			
70	4130 - Aspen	Poletimber Well	11.0	47	1-50	N/A	White pine superstory.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Quaking Aspen		85	Pole	6	47	Balsam Fir		Low < 5 feet Sapling
Red Maple		3	Pole	5		Beech		Low Variable Sapling
White Pine		2	XLog	18				
Balsam Fir		10	Pole	5				
71	42200 - Natural White Pine	Sawtimber Well	25.6	94	51-80	N/A		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Pine		20	XLog	18		Red Maple	Medium 5 - 10 feet Sapling	
White Pine		80	XLog	18	94	White Pine	Medium 5 - 10 feet Sapling	
72	4112 - Maple, Beech, Cherry Association	Sawtimber Well	8.2	94	51-80	N/A	Cut in 12/13 for beech salvage.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Sugar Maple		5	Log	10		Balsam Fir		Low Variable Sapling
Balsam Fir		5	Pole	8		Beech		Low Variable Sapling
Hemlock		5	Log	12				
Red Maple		85	Log/Pole	12	94			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

73	6129 - Mixed Coniferous Lowland Forest	Sawtimber Well	11.0	89	81-110	N/A	Small pocket of hardwood on the southwest corner.
-----------	--	----------------	------	----	--------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	2	Log	10		Balsam Fir	Medium	Variable	Sapling
Hemlock	88	Log	16	89	Red Maple	Low	Variable	Sapling
Red Maple	10	Pole	8		Hemlock	Medium	Variable	Sapling

74	6120 - Lowland Cedar	Sawtimber Well	5.1	89	51-80	N/A	Sub merchantable ash on northeast edge.
-----------	----------------------	----------------	-----	----	-------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	10	Log	12		Balsam Fir	Low	Variable	Sapling
Northern White Cedar	65	Log	10	89	Red Maple	Medium	Variable	Sapling
Red Maple	25	Pole/Log	8		Black Spruce	Low	Variable	Sapling

77	4112 - Maple, Beech, Cherry Association	Sawtimber Well	66.9	94	1-50	N/A	TS: 41-040-13-01 unit 2TCR- 1/5/16
-----------	---	----------------	------	----	------	-----	------------------------------------

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	3	Log	14		Red Maple	Medium	Variable	Sapling
Hemlock	2	XLog/Log	18		Beech	High	Variable	Sapling
Red Maple	95	Log	14	94				