



Compartment Review Presentation

Gwinn Forest Management Unit

Compartment 32014

Entry Year 2024

Acreage: 694

County Marquette

Management Area: Dead Horse Moraines

Stand Examiner: Peter Holodnick

Legal Description:

T44N R23W Section(s) 19, 30, 31

Identified Planning Goals:

To maintain the health and sustainability of the forest, while providing for wildlife, fisheries, environmental and recreational needs.

Soil and topography:

Ranges from level swamps and wetland drainages to rolling or only slightly hilly upland terrain. Major soils include: Nahma muck, Cathro-Ensley muck, Sundell loam, Trenary silt loam, and Shoepac-Trenary

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

Numerous private camps and homes in the area.

Unique Natural Features:

No known MNFI concerns – see database comments though. Potential for rare plants of rich mesic forests. Potential for calypso bulbosa, round leaved orchid, limestone oak fern, and Cypripedium arietinum in cedar swamp. Potential for rare plants of rich mesic forests: Carex assiniboinensis, showy orchis, Ginseng, Goblin Fern. Little potential for listed animals.

Archeological, Historical, and Cultural Features:

None identified with HAL

Special Management Designations or Considerations:

Watershed and Fisheries Considerations:

This compartment contains unnamed waterbodies in the form of standing vernal pools, seeps, and semi-permanent or seasonally wetted channels. 100' buffers are recommended to protect these areas in accordance with Best Management Practices.

Wildlife Habitat Considerations:

Compartment 014 is found within the Dead Horse Moraines Management Area, on Ground Moraines in southeastern Marquette, southwestern Alger, and northwestern Delta Counties. The dominant Natural Communities are poor conifer swamps, mesic northern forests, and dry northern forests. Major forest cover types include Northern Hardwood, Aspen, and Mixed Lowland Conifer. This management area contains a large proportion of hardwood forest which regenerates well partly due to the heavier snow cover and lower deer numbers than the southern portion of this Management Area. The most significant wildlife management issues in the management area are: mast (hard and soft); mature forest (upland deciduous, especially aspen and mixed forest with little understory); coarse woody debris, early successional forest, and deer wintering complexes.

The following have been identified as featured species for the Dead Horse Moraines Management Area: black bear, pileated woodpecker, ruffed grouse, and white-tailed deer.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of medium-textured glacial till. There is insufficient data to determine the glacial drift thickness. The Ordovician Black River Group subcrops below the glacial drift. This formation is quarried for stone/dolomite in other areas of the State. The nearest gravel pit is located in Section 20 and potential appears to be good. Abandoned iron mines are located nine miles to the northwest. This compartment has not been leased for metallic exploration. There is no economic oil and gas production in the UP.

Vehicle Access:

East on Co Rd 444 from McFarland and North on Co Rd RA (Badder Road) and also off of M-35

Survey Needs:**Recreational Facilities and Opportunities:**

No developed facilities, but opportunities exist for hunting, trapping and berry picking.

Fire Protection:

Very low risk area

Additional Compartment Information:**The following reports from the Inventory are attached:**

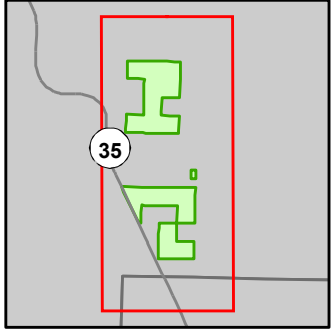
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

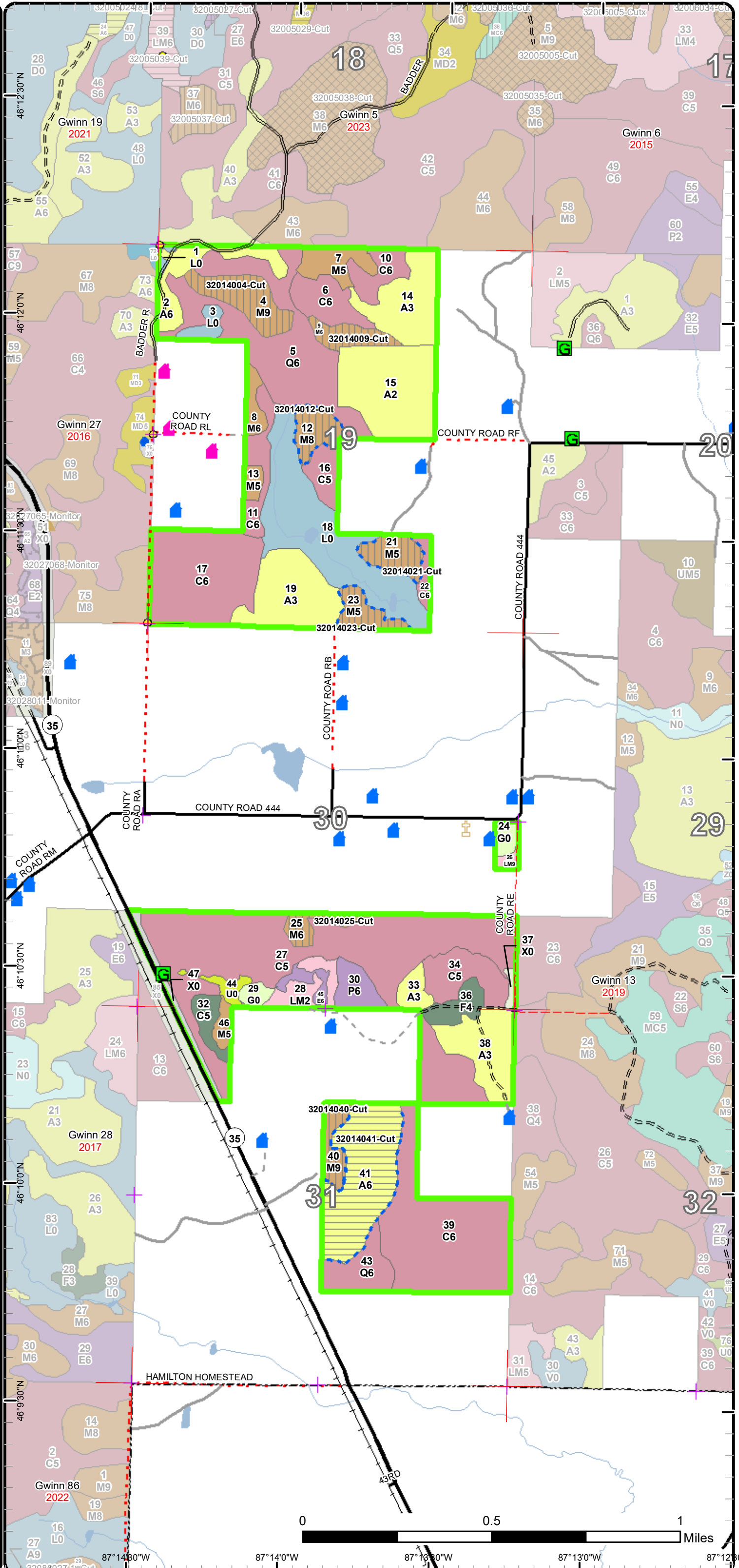
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 14
 T44N, R23W, Sec. 19, 30, 31
 County: Marquette
 Unit: Gwinn
 Mgmt Area: Dead Horse Moraines
 YOE: 2024
 Acres: 694.4 GIS Calculated
 Examiner: Peter Holodnick
 Map Revised: 8/4/2022
 Map Phase: Web-Post

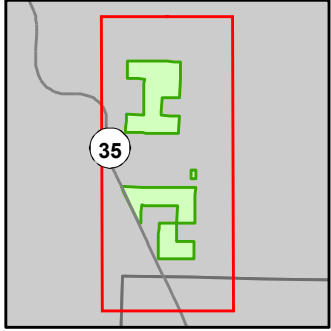


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Paved Road
- Private - Dirt / Gravel Road
- Active Railroads
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- House
- Structure, Seasonal Dwelling
- ▲ Berms
- G Gate
- Cemetery
- Tower
- Compartment Boundary
- Treatments with Site Conditions
- Clearcut (w/Reserves)
- Shelter Wood (w/Reserves)
- 411 - Northern Hardwood
- 413 - Aspen Types
- 423 - Other Upland Conifers
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 110 - Low Intensity Urban
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 790 - Other Bare/Sparsely Vegetated

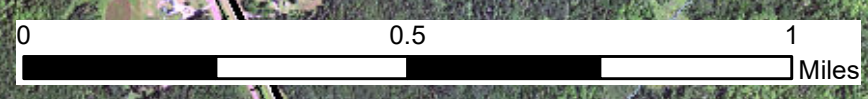
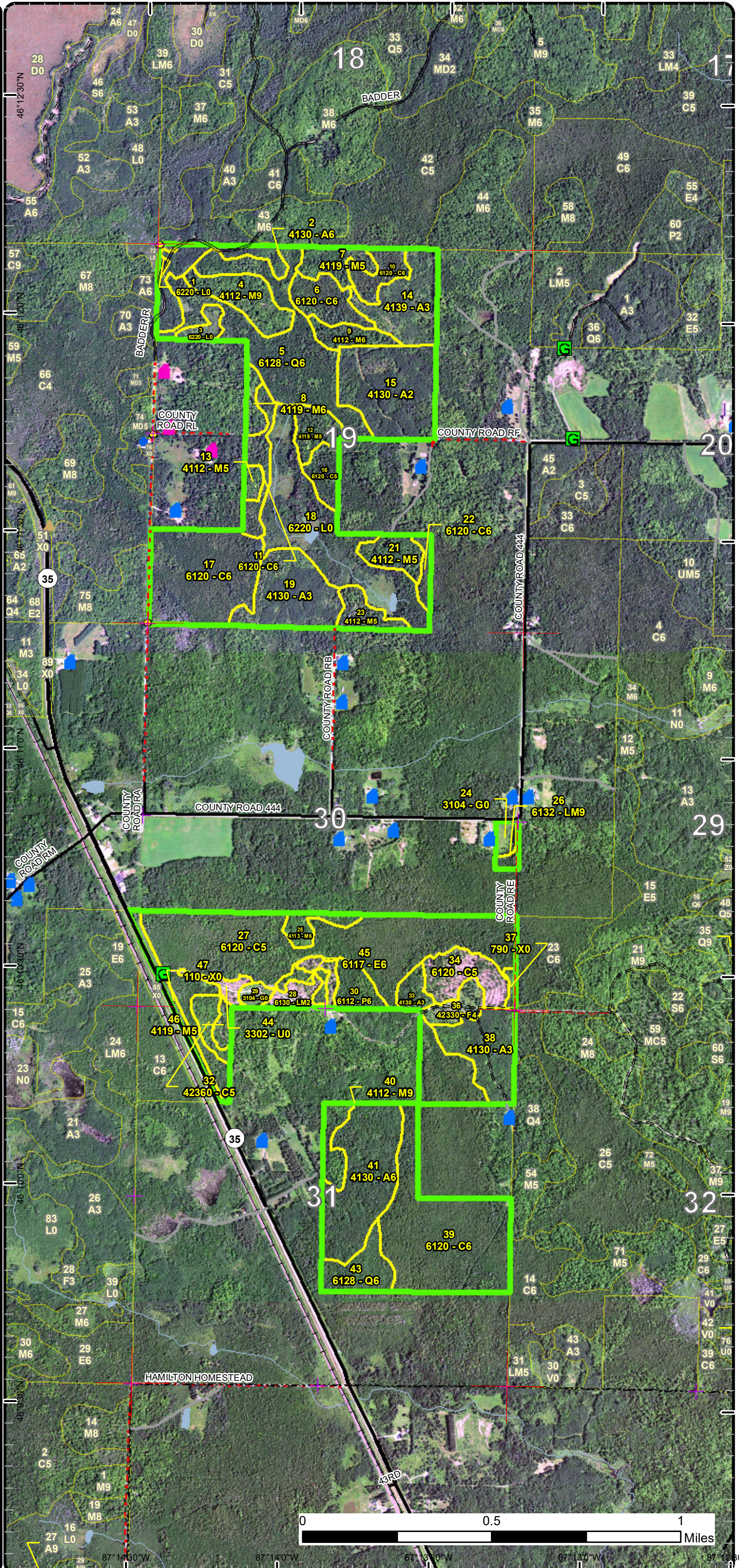


Stand Boundary Map

Compartment: 14
 T44N, R23W, Sec. 19, 30, 31
 County: Marquette
 Unit: Gwinn
 Mgmt Area: Dead Horse Moraines
 YOE: 2024
 Acres: 694.4 GIS Calculated
 Examiner: Peter Holodnick
 Map Revised: 8/4/2022
 Map Phase: Web-Post



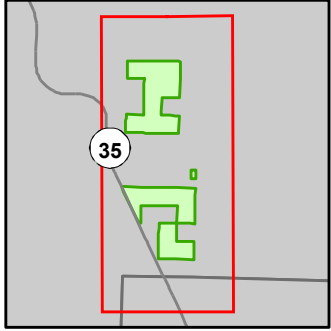
- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Paved Road
- Private - Dirt / Gravel Road
- Active Railroads
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- House
- Structure, Seasonal Dwelling
- Berms
- Gate
- Cemetery
- Tower
- Compartment Boundary
- Stand Boundaries
- 411 - Northern Hardwood
- 413 - Aspen Types
- 423 - Other Upland Conifers
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 110 - Low Intensity Urban
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 790 - Other Bare/Sparsely Vegetated



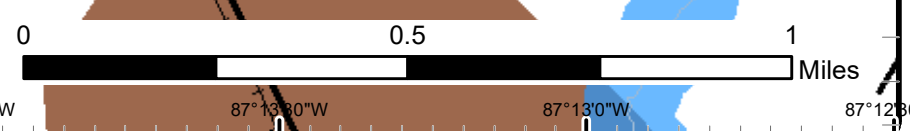
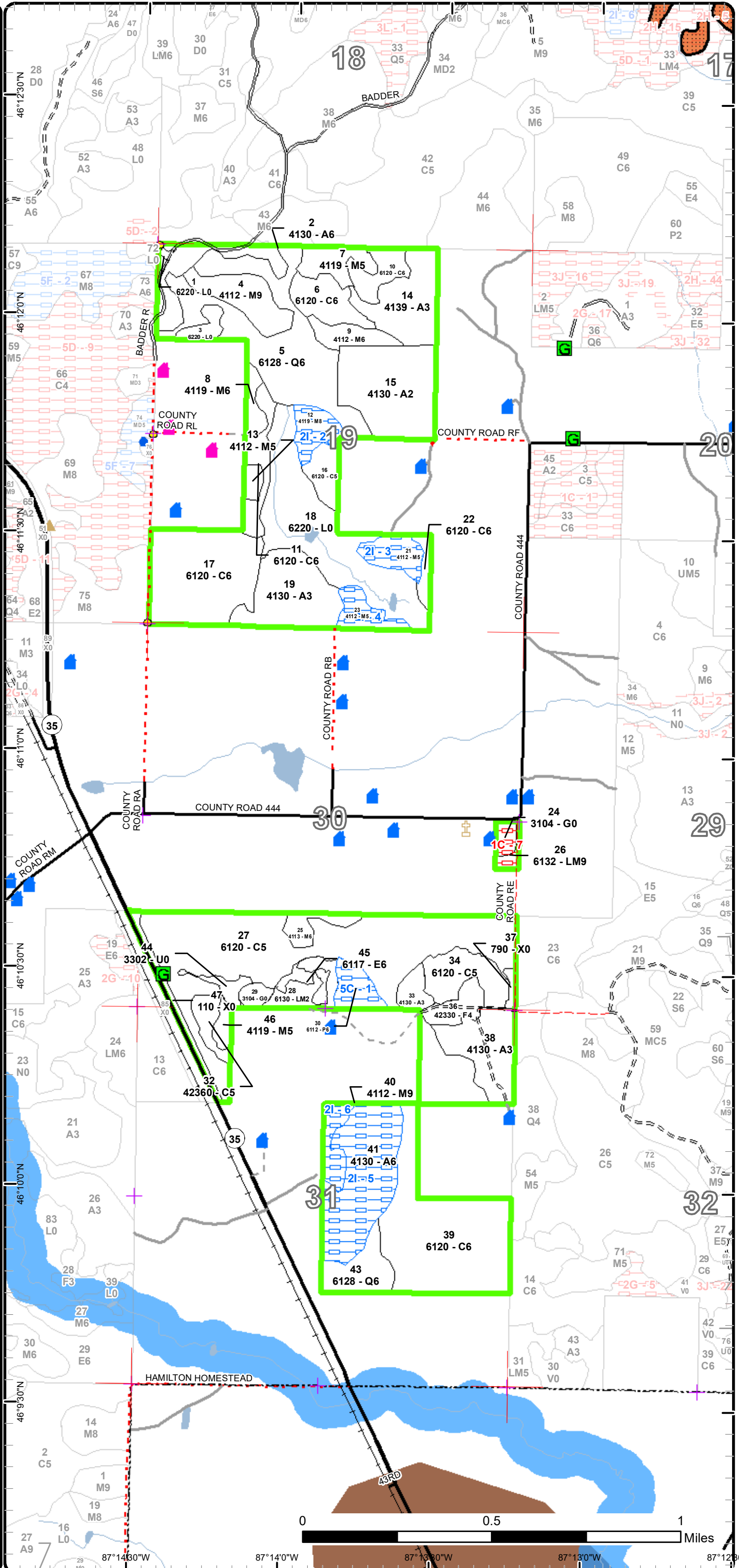
87°14'30"W 87°14'0"W 87°13'30"W 87°13'0"W 87°12'30"W

Special Conservation Areas

Compartment: 14
 T44N, R23W, Sec. 19, 30, 31
 County: Marquette
 Unit: Gwinn
 Mgmt Area: Dead Horse Moraines
 YOE: 2024
 Acres: 694.4 GIS Calculated
 Examiner: Peter Holodnick
 Map Revised: 8/4/2022
 Map Phase: Web-Post



- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Paved Road
- Private - Dirt / Gravel Road
- Active Railroads
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- House
- Structure, Seasonal Dwelling
- ▲ Berms
- G Gate
- Cemetery
- Tower
- Compartment Boundary
- Available w/ Constraints
- 2I: Survey needed
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 1C: Other dept or div proc/practices
- Stand Boundaries
- SCA
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer
- Deer Winter Range
- Other Habitat Area



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	50	59	14	44	0	0	0	0	0	0	0	0	0	0	0	0	167
Bare/Sparsely Vegetated	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Cedar	0	0	0	0	0	0	0	0	0	0	0	129	147	0	0	0	0	4	280
Herbaceous Openland	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Low-Density Trees	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Lowland Aspen/Balsam Poplar	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	8
Lowland Conifers	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	53	66
Lowland Deciduous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
Lowland Mixed Forest	0	9	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	11
Lowland Shrub	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57
Northern Hardwood	0	0	0	0	0	0	0	0	31	15	0	0	0	0	0	0	0	34	80
Upland Spruce/Fir	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Urban	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Total	74	9	50	59	21	65	0	0	0	33	15	129	147	0	0	0	0	95	697



Report 2 – Treatment Summary

Gwinn Mgt. Unit

Year of Entry: 2024

Acres of Harvest

Compartment 14
Total Compartment Acres: 694

Commercial Harvest - 28
Harvests with Site Condition - 71
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
Aspen	39	0	0	0	0	0	0	0	0	39
Northern Hardwood	0	0	0	0	60	0	0	0	0	60
Total	39	0	0	0	60	0	0	0	0	99

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	99	0	0	0	0	0	0	0	0	99
Next Step	0	0	0	0	0	0	99	0	0	99
Total	99	0	0	0	0	0	99	0	0	198



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

Proposed Treatments:

4	32014004-Cut	15.0	4112 - Maple, Beech, Cherry Association	Sawtimber Well	95	81-110	Harvest	Shelterwood with Retention	411 - Northern Hardwood	Two-Aged	No
<p><u>Prescription</u> Mark trees to a residual 40-60 BA. Focus your marking on removing the poor form and deformities within the stand. No cut Hemlock, Cedar, and White Pine. Favor to keep large oversized Basswood, cherry, yellow birch and other lesser occurring species to maintain species diversity.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Any tree species currently in the overstory is acceptable.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>											
9	32014009-Cut	7.4	4112 - Maple, Beech, Cherry Association	Poletimber Well	91	81-110	Harvest	Shelterwood	411 - Northern Hardwood	Two-Aged	No
<p><u>Prescription</u> Mark trees to a residual of 40-60 BA. Focus your marking on removing the poor form and deformities within the stand. No cut Hemlock, Cedar, and white pine. Favor retention of yellow Birch, Black Cherry. and other lesser occurring species to maintain species diversity. No other retention due to small size.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Any tree species currently in the overstory is acceptable.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>											
12	32014012-Cut	8.5	4119 - Mixed Northern Hardwoods	Sawtimber Medium	88	81-110	Harvest	Shelterwood	411 - Northern Hardwood	Two-Aged	No
<p><u>Prescription</u> Mark trees to a residual of 40-60 BA. Focus your marking on removing the poor form and deformities within the stand. No cut Hemlock and Cedar. Favor retention of large paper birch, Yellow Birch, Black Cherry and other lesser occurring species to maintain species diversity. No other retention due to small size.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Any tree species currently in the overstory is acceptable.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2023</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
21 32014021-Cut	8.6	4112 - Maple, Beech, Cherry Association	Poletimber Medium	88	81-110	Harvest	Shelterwood	411 - Northern Hardwood	Two-Aged	No
<p><u>Prescription</u> Mark trees to a residual of 40-60 BA. Focus your marking on removing the poor form and deformities within the stand. No cut Hemlock, Cedar, and White Pine. Favor to keep some large paper Birch, yellow birch, black cherry and other lesser occurring species to maintain species diversity. No other retention due to small size.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Any tree species currently in the overstory will be acceptable.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										
23 32014023-Cut	7.7	4112 - Maple, Beech, Cherry Association	Poletimber Medium	88	51-80	Harvest	Shelterwood	411 - Northern Hardwood	Two-Aged	No
<p><u>Prescription</u> Mark trees to a residual of 40-60 BA. Focus your marking on removing the poor form and deformities within the stand. No cut Hemlock, Cedar, and white pine. Favor retention of Yellow Birch, Black Cherry and other lesser occurring species to maintain species diversity. No other retention due to small size.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Any tree species currently in the overstory is acceptable.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										
25 32014025-Cut	5.7	4113 - R.Maple, Conifer	Poletimber Well	88	111-140	Harvest	Shelterwood	411 - Northern Hardwood	Even-Aged	No
<p><u>Prescription</u> Mark trees to a residual of 40-60 BA. Focus your marking on removing the poor form and deformities within the stand. No cut Hemlock and Cedar. Favor to retain Yellow Birch, Black Cherry, large white spruce and other lesser occurring species. No other retention due to small size.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Any tree species currently in the overstory is acceptable.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</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
40 32014040-Cut	7.2	4112 - Maple, Beech, Cherry Association	Sawtimber Well	90	81-110	Harvest	Shelterwood	411 - Northern Hardwood	Two-Aged	No
<p><u>Prescription</u> Mark trees from 40-60 BA. Focus your marking on removing the poor form and deformities within the stand. No cut Hemlock and Cedar.</p> <p><u>Specs:</u> Favor to retain Yellow Birch, Black Cherry and other lesser occurring species to maintain diversity. No other retention due to small size.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Any tree species currently in the overstory is acceptable.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										
41 32014041-Cut	39.1	4130 - Aspen	Poletimber Well	49	111-140	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Cut all but Hemlock and Cedar. Look for opportunities to put Yellow Birch Black Cherry, tamarack and other lesser occurring species in the red line and retention patches. Leave 3-10% retention</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Any tree species currently in the overstory is acceptable.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										

Total Treatment 99.2
Acreage Proposed:

Report 4 – Site Conditions

Gwinn Mgt. Unit

Compartment: 14

Peter Holodnick: Examiner

Year of Entry: 2024

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions		
		With Condition	Not Available		2I	5C	1C
166	127	39	0	Aspen	39		
2	2	0	0	Bare/Sparsely Vegetated			
279	279	0	0	Cedar			
6	3	0	3	Herbaceous Openland			3
3	3	0	0	Low-Density Trees			
8	0	8	0	Lowland Aspen/Balsam Poplar		8	
66	66	0	0	Lowland Conifers			
4	4	0	0	Lowland Deciduous			
11	9	0	2	Lowland Mixed Forest			2
57	57	0	0	Lowland Shrub			
80	48	32	0	Northern Hardwood	32		
7	7	0	0	Upland Spruce/Fir			
6	6	0	0	Urban			
694	610	79	5	Total Forested Acres	71	8	5
	88%	11%	1%	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	8	Unspecified	Unspecified	Unspecified	Unspecified
<p>Comments: Let the timber get a little bit bigger before harvesting. Half of the trees are bellow 4.6 inches DBH. This stand will easily hold for 10 more years and we will have more merchantable timber.</p>							
2	Available	2I: Survey needed	9	Unspecified	Unspecified	Unspecified	Unspecified
<p>Comments:</p>							

Report 4 – Site Conditions

Gwinn Mgt. Unit

Compartment: 14

Peter Holodnick: Examiner

Year of Entry: 2024

3	Available	2I: Survey needed	9	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments:							
4	Available	2I: Survey needed	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Available	2I: Survey needed	39	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments:							
6	Available	2I: Survey needed	7	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	1C: Other dept or div proc/practices	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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 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	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.



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

1 6220 - Alder/willow Nonstocked 1.1 Unspecified No dead snags/stumps; beaver influence area

Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	Trace		Sapling
Tag Alder	Medium		Tall Shrub
Paper Birch	Trace		Sapling

2 4130 - Aspen Poletimber Well 13.9 35 Unspecified N/A T. sale #030-85 - cut 1986-87 (with comp't 5)

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	5	Sapling	3		Balsam Fir	Medium	Variable	Sapling
Paper Birch	5	Sapling/Pole	3		White Pine	Low	10 - 20 feet	Sapling
Quaking Aspen	83	Pole/Sapling	5	35	Tag Alder	Low	5 - 10 feet	Tall Shrub
Black Cherry	5	Sapling	3		White Spruce	Medium	Variable	Seeding
White Pine	2	Log/Pole	14		Blackberry/Raspberry	Medium	< 5 feet	Tall Shrub

3 6220 - Alder/willow Nonstocked 4.1 Unspecified No

Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	Low		Pole
Balsam Fir	Low		Sapling
White Spruce	Low		Pole
Tag Alder	High		Tall Shrub
Black Ash	Medium		Pole

4 4112 - Maple, Beech, Cherry Association Sawtimber Well 15.0 95 81-110 N/A 2021: This stand was thinned approximately in 2016. T. sale #007-94 "RA Hardwood" (unit 2) - cut May, June, 1994.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Basswood	2	Log/XLog	16		White Spruce	Low	< 5 feet	Seeding
Balsam Fir	2	Pole	7		Sugar Maple	Medium	>20 feet	Sapling
White Spruce	2	Log	10		Red Maple	Low	>20 feet	Sapling
Yellow Birch	2	Log	14		Balsam Fir	Low	Variable	Sapling
Red Maple	40	Log/Pole	10					
Sugar Maple	48	Log/Pole	10	95				
Black Cherry	2	Log	13					
White Pine	2	XLog	30					



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

5 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Well 53.0 109 81-110 N/A Thick and thin concentrations of C/H; some blowdown (mainly cedar). Trace amounts of WP (supercanopy), PB, BC and aspen.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	5	Pole/Sapling	5		Balsam Fir	Medium	>20 feet	Sapling
White Spruce	10	Pole/Log	9		Black Ash	Medium	>20 feet	Sapling
Northern White Cedar	40	Pole/Log	9	109	White Spruce	Medium	>20 feet	Sapling
Hemlock	10	Pole/Log	10		Tag Alder	High	< 5 feet	Tall Shrub
Black Ash	25	Pole/Sapling	6					
Yellow Birch	5	Pole/Log	10					
Red Maple	5	Pole/Log	8					

6 6120 - Lowland Cedar Poletimber Well 12.0 109 Unspecified N/A Ground cover of leatherleaf, grasses noted. Very little understory variability - most is >10' hts.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Tamarack	10	Pole	9		Balsam Fir	Medium	Variable	Sapling
White Pine	10	XLog/Log	18		Black Spruce	Low	>20 feet	Sapling
Northern White Cedar	50	Pole	8	109				
Red Maple	5	Pole	7					
Yellow Birch	5	Pole/Log	9					
Black Spruce	10	Pole	8					
Hemlock	10	Log/Pole	10					

7 4119 - Mixed Northern Hardwoods Poletimber Medium 9.0 91 51-80 N/A T. sale #005-04 "Old Griz #2" (Units 3,5) - cut Feb, 2008. Sale area was also chipped.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	5	Log/Pole	12		Red Maple	Medium	5 - 10 feet	Sapling
White Spruce	5	Log/Pole	12		Balsam Fir	High	Variable	Sapling
Northern White Cedar	2	Pole	8					
White Pine	8	Log/XLog	16					
Hemlock	5	Pole/Log	9					
Sugar Maple	30	Pole/Log	8					
Red Maple	45	Pole/Log	9	91				

8 4119 - Mixed Northern Hardwoods Poletimber Well 4.6 91 51-80 N/A T. sale #006-94 "Old Griz Block" (unit 1) - cut Sept., 1997. Basal area is low.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	35	Pole/Log	10		Blackberry/Raspberry	Medium	< 5 feet	Tall Shrub
Red Maple	35	Pole/Log	9	91	Quaking Aspen	Medium	>20 feet	Sapling
White Spruce	2	Pole	7		Balsam Fir	High	Variable	Sapling
Hemlock	2	Pole	10		White Pine	Low	10 - 20 feet	Sapling
Balsam Fir	4	Pole	7					
Black Ash	10	Pole/Sapling	6					
Northern White Cedar	12	Pole	10					



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

9 4112 - Maple, Beech, Cherry Association Poletimber Well 7.4 91 81-110 N/A "Old Griz #2" sale #005-04 (unit 2) - select cut Jan/Feb, 2008.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	2	Log	12		Red Maple	Low	5 - 10 feet	Sapling
Hemlock	4	Pole/Log	8		Quaking Aspen	Low	10 - 20 feet	Sapling
White Pine	2	Log/XLog	16		Paper Birch	Low	10 - 20 feet	Sapling
Red Maple	60	Pole/Log	9	91	Black Cherry	Low	10 - 20 feet	Sapling
Sugar Maple	30	Pole/Log	8		Balsam Fir	Medium	Variable	Sapling
Paper Birch	2	Log/Pole	10		Sugar Maple	Medium	Variable	Sapling

10 6120 - Lowland Cedar Poletimber Well 8.7 100 111-140 N/A Ground cover of labrador tea, tagalder

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	10	Pole/Log	8		Tag Alder	High	< 5 feet	Tall Shrub
Northern White Cedar	70	Pole/Log	9	100	Labrador Tea	Medium	< 5 feet	Tall Shrub
Tamarack	5	Pole/Log	9		Balsam Fir	Medium	Variable	Sapling
White Pine	5	Log/Pole	16					
Quaking Aspen	2	Log	12					
Red Maple	2	Pole/Log	9					
Hemlock	2	Log	11					
Paper Birch	2	Log	10					
Yellow Birch	2	Log/Pole	12					

11 6120 - Lowland Cedar Poletimber Well 9.9 100 81-110 N/A Trace amount of cherry, ash

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	4	Pole	9		Tag Alder	High	< 5 feet	Tall Shrub
Quaking Aspen	2	Pole	6		Balsam Fir	High	10 - 20 feet	Sapling
Balsam Fir	20	Sapling/Pole	4					
Northern White Cedar	60	Pole	8	100				
White Spruce	10	Pole/Log	8					
Hemlock	4	Log/Pole	10					

12 4119 - Mixed Northern Hardwoods Sawtimber Medium 8.5 88 81-110 N/A "Old Griz #2" sale #005-04 (unit 1) - select cut Jan., Feb, 2008

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	2	Pole	8		Red Maple	Medium	< 5 feet	Seeding
White Spruce	2	Pole	8		Balsam Fir	Medium	Variable	Sapling
Northern White Cedar	10	Pole/Log	10		Maple (spp.)	High	< 5 feet	Seeding
Paper Birch	5	Log/Pole	12		Blackberry/Raspberry	High	< 5 feet	Tall Shrub
Sugar Maple	20	Pole/Log	9		White Spruce	Medium	Variable	Sapling
Black Cherry	2	Pole	8		Balsam Poplar	Medium	5 - 10 feet	Sapling
Hemlock	5	Pole/Log	10					
Red Maple	54	Pole/Log	10	88				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																									
13	4112 - Maple, Beech, Cherry Association Poletimber	Medium	2.7	91	51-80	N/A	Isolated patch of hardwood. (part of) "Old Griz Block" sale #006-94 (unit 2) - cut Sept, 1997.																																																																									
<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>4</td><td>Pole</td><td>6</td><td></td></tr> <tr><td>Red Maple</td><td>50</td><td>Log/Pole</td><td>10</td><td>91</td></tr> <tr><td>Quaking Aspen</td><td>10</td><td>Sapling/Pole</td><td>2</td><td></td></tr> <tr><td>White Spruce</td><td>2</td><td>Pole/Log</td><td>8</td><td></td></tr> <tr><td>Northern White Cedar</td><td>4</td><td>Pole</td><td>9</td><td></td></tr> <tr><td>Sugar Maple</td><td>30</td><td>Pole/Log</td><td>9</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Balsam Fir	4	Pole	6		Red Maple	50	Log/Pole	10	91	Quaking Aspen	10	Sapling/Pole	2		White Spruce	2	Pole/Log	8		Northern White Cedar	4	Pole	9		Sugar Maple	30	Pole/Log	9		<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>Quaking Aspen</td><td>Medium</td><td>>20 feet</td><td>Sapling</td></tr> <tr><td>Balsam Fir</td><td>High</td><td>Variable</td><td>Sapling</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Quaking Aspen	Medium	>20 feet	Sapling	Balsam Fir	High	Variable	Sapling																														
Canopy Species	% Cover	Size Class	DBH	Age																																																																												
Balsam Fir	4	Pole	6																																																																													
Red Maple	50	Log/Pole	10	91																																																																												
Quaking Aspen	10	Sapling/Pole	2																																																																													
White Spruce	2	Pole/Log	8																																																																													
Northern White Cedar	4	Pole	9																																																																													
Sugar Maple	30	Pole/Log	9																																																																													
Sub-Canopy Species	Density	Avg. Height	Size																																																																													
Quaking Aspen	Medium	>20 feet	Sapling																																																																													
Balsam Fir	High	Variable	Sapling																																																																													
14	4139 - Aspen, Mixed Deciduous	Sapling Well	22.6	14	Immature	N/A	"Old Griz #2" sale #005-04 (unit 4) - cut in 2008. Mainly RM sprouts/clumps - fairly well-stocked.																																																																									
<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>Pole</td><td>5</td><td></td></tr> <tr><td>Red Maple</td><td>40</td><td>Sapling</td><td>1</td><td>14</td></tr> <tr><td>Quaking Aspen</td><td>40</td><td>Sapling</td><td>4</td><td>14</td></tr> <tr><td>Northern White Cedar</td><td>2</td><td>Pole</td><td>8</td><td></td></tr> <tr><td>White Spruce</td><td>3</td><td>Pole</td><td>8</td><td></td></tr> <tr><td>Black Ash</td><td>5</td><td>Sapling/Pole</td><td>4</td><td></td></tr> <tr><td>Balsam Fir</td><td>5</td><td>Pole</td><td>6</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	5	Pole	5		Red Maple	40	Sapling	1	14	Quaking Aspen	40	Sapling	4	14	Northern White Cedar	2	Pole	8		White Spruce	3	Pole	8		Black Ash	5	Sapling/Pole	4		Balsam Fir	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>Blackberry/Raspberry</td><td>Full</td><td>< 5 feet</td><td>Tall Shrub</td></tr> <tr><td>Balsam Fir</td><td>Medium</td><td>< 5 feet</td><td>Seeding</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Blackberry/Raspberry	Full	< 5 feet	Tall Shrub	Balsam Fir	Medium	< 5 feet	Seeding																									
Canopy Species	% Cover	Size Class	DBH	Age																																																																												
Red Maple	5	Pole	5																																																																													
Red Maple	40	Sapling	1	14																																																																												
Quaking Aspen	40	Sapling	4	14																																																																												
Northern White Cedar	2	Pole	8																																																																													
White Spruce	3	Pole	8																																																																													
Black Ash	5	Sapling/Pole	4																																																																													
Balsam Fir	5	Pole	6																																																																													
Sub-Canopy Species	Density	Avg. Height	Size																																																																													
Blackberry/Raspberry	Full	< 5 feet	Tall Shrub																																																																													
Balsam Fir	Medium	< 5 feet	Seeding																																																																													
15	4130 - Aspen	Sapling Medium	36.7	23	Unspecified	N/A	"Corner Aspen Block" sale # 005-94 - cut July, 1997-Feb, 1998. Small patch of hardwoods w/in SE corner of stand; select cut under same permit. Stand also contains interior patches/pockets of S/C/H and trace amounts of WP(supercanopy).																																																																									
<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>2</td><td>Sapling</td><td>2</td><td>23</td></tr> <tr><td>Quaking Aspen</td><td>75</td><td>Sapling/Pole</td><td>3</td><td>23</td></tr> <tr><td>Northern White Cedar</td><td>2</td><td>Pole</td><td>9</td><td></td></tr> <tr><td>Hemlock</td><td>3</td><td>Pole</td><td>9</td><td></td></tr> <tr><td>Black Cherry</td><td>5</td><td>Sapling</td><td>1</td><td>23</td></tr> <tr><td>White Spruce</td><td>5</td><td>Pole/Sapling</td><td>8</td><td></td></tr> <tr><td>Red Maple</td><td>3</td><td>Sapling</td><td>1</td><td>23</td></tr> <tr><td>Balsam Fir</td><td>5</td><td>Pole/Sapling</td><td>5</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	2	Sapling	2	23	Quaking Aspen	75	Sapling/Pole	3	23	Northern White Cedar	2	Pole	9		Hemlock	3	Pole	9		Black Cherry	5	Sapling	1	23	White Spruce	5	Pole/Sapling	8		Red Maple	3	Sapling	1	23	Balsam Fir	5	Pole/Sapling	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>Willow spp.</td><td>Medium</td><td>5 - 10 feet</td><td>Tall Shrub</td></tr> <tr><td>Balsam Fir</td><td>Medium</td><td>Variable</td><td>Sapling</td></tr> <tr><td>White Spruce</td><td>Low</td><td>Variable</td><td>Sapling</td></tr> <tr><td>Ironwood</td><td>Low</td><td>5 - 10 feet</td><td>Sapling</td></tr> <tr><td>Tag Alder</td><td>Low</td><td>< 5 feet</td><td>Tall Shrub</td></tr> <tr><td>Hazelnut (Beaked)</td><td>Low</td><td>< 5 feet</td><td>Tall Shrub</td></tr> <tr><td>Black Ash</td><td>Low</td><td>>20 feet</td><td>Pole</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Willow spp.	Medium	5 - 10 feet	Tall Shrub	Balsam Fir	Medium	Variable	Sapling	White Spruce	Low	Variable	Sapling	Ironwood	Low	5 - 10 feet	Sapling	Tag Alder	Low	< 5 feet	Tall Shrub	Hazelnut (Beaked)	Low	< 5 feet	Tall Shrub	Black Ash	Low	>20 feet	Pole
Canopy Species	% Cover	Size Class	DBH	Age																																																																												
Paper Birch	2	Sapling	2	23																																																																												
Quaking Aspen	75	Sapling/Pole	3	23																																																																												
Northern White Cedar	2	Pole	9																																																																													
Hemlock	3	Pole	9																																																																													
Black Cherry	5	Sapling	1	23																																																																												
White Spruce	5	Pole/Sapling	8																																																																													
Red Maple	3	Sapling	1	23																																																																												
Balsam Fir	5	Pole/Sapling	5																																																																													
Sub-Canopy Species	Density	Avg. Height	Size																																																																													
Willow spp.	Medium	5 - 10 feet	Tall Shrub																																																																													
Balsam Fir	Medium	Variable	Sapling																																																																													
White Spruce	Low	Variable	Sapling																																																																													
Ironwood	Low	5 - 10 feet	Sapling																																																																													
Tag Alder	Low	< 5 feet	Tall Shrub																																																																													
Hazelnut (Beaked)	Low	< 5 feet	Tall Shrub																																																																													
Black Ash	Low	>20 feet	Pole																																																																													
16	6120 - Lowland Cedar	Poletimber Medium	7.3	110	81-110	N/A	Lowland conifers with tagalder, ash. Dead BF																																																																									
<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>6</td><td>Pole</td><td>6</td><td></td></tr> <tr><td>White Spruce</td><td>2</td><td>Pole/Log</td><td>10</td><td></td></tr> <tr><td>Black Spruce</td><td>10</td><td>Pole</td><td>7</td><td></td></tr> <tr><td>Northern White Cedar</td><td>50</td><td>Pole/Sap/Log</td><td>7</td><td>110</td></tr> <tr><td>Black Ash</td><td>20</td><td>Sapling</td><td>4</td><td></td></tr> <tr><td>Red Maple</td><td>10</td><td>Pole/Log</td><td>9</td><td></td></tr> <tr><td>Paper Birch</td><td>2</td><td>Log/Pole</td><td>10</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Balsam Fir	6	Pole	6		White Spruce	2	Pole/Log	10		Black Spruce	10	Pole	7		Northern White Cedar	50	Pole/Sap/Log	7	110	Black Ash	20	Sapling	4		Red Maple	10	Pole/Log	9		Paper Birch	2	Log/Pole	10		<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>>20 feet</td><td>Sapling</td></tr> <tr><td>Black Ash</td><td>Medium</td><td>>20 feet</td><td>Sapling</td></tr> <tr><td>Hazelnut (Beaked)</td><td>Medium</td><td>< 5 feet</td><td>Tall Shrub</td></tr> <tr><td>Balsam Fir</td><td>Medium</td><td>10 - 20 feet</td><td>Sapling</td></tr> <tr><td>Tag Alder</td><td>Full</td><td>5 - 10 feet</td><td>Tall Shrub</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Low	>20 feet	Sapling	Black Ash	Medium	>20 feet	Sapling	Hazelnut (Beaked)	Medium	< 5 feet	Tall Shrub	Balsam Fir	Medium	10 - 20 feet	Sapling	Tag Alder	Full	5 - 10 feet	Tall Shrub													
Canopy Species	% Cover	Size Class	DBH	Age																																																																												
Balsam Fir	6	Pole	6																																																																													
White Spruce	2	Pole/Log	10																																																																													
Black Spruce	10	Pole	7																																																																													
Northern White Cedar	50	Pole/Sap/Log	7	110																																																																												
Black Ash	20	Sapling	4																																																																													
Red Maple	10	Pole/Log	9																																																																													
Paper Birch	2	Log/Pole	10																																																																													
Sub-Canopy Species	Density	Avg. Height	Size																																																																													
Black Spruce	Low	>20 feet	Sapling																																																																													
Black Ash	Medium	>20 feet	Sapling																																																																													
Hazelnut (Beaked)	Medium	< 5 feet	Tall Shrub																																																																													
Balsam Fir	Medium	10 - 20 feet	Sapling																																																																													
Tag Alder	Full	5 - 10 feet	Tall Shrub																																																																													



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																										
17	6120 - Lowland Cedar	Poletimber Well	43.5	110	111-140	N/A	Mainly cedar poles and ash saplings within interior. Areas of slightly higher ground/narrow ridges, esp. along road edge, contain larger conifers. Pocket of tagalder, cattails, dead cedar along private.																																																																										
<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>2</td><td>Pole</td><td>7</td><td></td></tr> <tr><td>White Spruce</td><td>2</td><td>Pole/Log</td><td>10</td><td></td></tr> <tr><td>Red Maple</td><td>2</td><td>Log/Pole</td><td>12</td><td></td></tr> <tr><td>Hemlock</td><td>2</td><td>Log</td><td>10</td><td></td></tr> <tr><td>Northern White Cedar</td><td>50</td><td>Pole/Sap/Log</td><td>6</td><td>110</td></tr> <tr><td>Quaking Aspen</td><td>2</td><td>Log</td><td>14</td><td></td></tr> <tr><td>Yellow Birch</td><td>2</td><td>Log/Pole</td><td>12</td><td></td></tr> <tr><td>Black Ash</td><td>32</td><td>Sapling/Pole</td><td>4</td><td></td></tr> <tr><td>Balsam Poplar</td><td>2</td><td>Pole/Log</td><td>8</td><td></td></tr> <tr><td>Tamarack</td><td>4</td><td>Pole</td><td>8</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Balsam Fir	2	Pole	7		White Spruce	2	Pole/Log	10		Red Maple	2	Log/Pole	12		Hemlock	2	Log	10		Northern White Cedar	50	Pole/Sap/Log	6	110	Quaking Aspen	2	Log	14		Yellow Birch	2	Log/Pole	12		Black Ash	32	Sapling/Pole	4		Balsam Poplar	2	Pole/Log	8		Tamarack	4	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>Black Ash</td><td>Medium</td><td>>20 feet</td><td>Sapling</td></tr> <tr><td>Tamarack</td><td>Low</td><td>< 5 feet</td><td>Seeding</td></tr> <tr><td>Balsam Fir</td><td>Low</td><td>5 - 10 feet</td><td>Sapling</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black Ash	Medium	>20 feet	Sapling	Tamarack	Low	< 5 feet	Seeding	Balsam Fir	Low	5 - 10 feet	Sapling							
Canopy Species	% Cover	Size Class	DBH	Age																																																																													
Balsam Fir	2	Pole	7																																																																														
White Spruce	2	Pole/Log	10																																																																														
Red Maple	2	Log/Pole	12																																																																														
Hemlock	2	Log	10																																																																														
Northern White Cedar	50	Pole/Sap/Log	6	110																																																																													
Quaking Aspen	2	Log	14																																																																														
Yellow Birch	2	Log/Pole	12																																																																														
Black Ash	32	Sapling/Pole	4																																																																														
Balsam Poplar	2	Pole/Log	8																																																																														
Tamarack	4	Pole	8																																																																														
Sub-Canopy Species	Density	Avg. Height	Size																																																																														
Black Ash	Medium	>20 feet	Sapling																																																																														
Tamarack	Low	< 5 feet	Seeding																																																																														
Balsam Fir	Low	5 - 10 feet	Sapling																																																																														
18	6220 - Alder/willow	Nonstocked	52.0		Unspecified	No	Open grass/sedge marsh areas with tagalder perimeter and tagalder with balsam fir/spruce connector patches. Un-named creek/drainage within.																																																																										
		<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>Medium</td><td></td><td>Pole</td></tr> <tr><td>Tag Alder</td><td>High</td><td></td><td>Tall Shrub</td></tr> <tr><td>White Pine</td><td>Low</td><td></td><td>Log</td></tr> <tr><td>Balsam Fir</td><td>Medium</td><td></td><td>Pole</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Medium		Pole	Tag Alder	High		Tall Shrub	White Pine	Low		Log	Balsam Fir	Medium		Pole																																																										
Sub-Canopy Species	Density	Avg. Height	Size																																																																														
Black Spruce	Medium		Pole																																																																														
Tag Alder	High		Tall Shrub																																																																														
White Pine	Low		Log																																																																														
Balsam Fir	Medium		Pole																																																																														
19	4130 - Aspen	Sapling Well	26.9	16	1-50	N/A	"Mid 19 Mix" sale #006-04 (unit 1) - cut August, Sept., 2005. Retention of C,H,WP,YB. Some swales/low areas within (ash, cattails).																																																																										
<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>5</td><td>Pole/Log</td><td>12</td><td></td></tr> <tr><td>Northern White Cedar</td><td>5</td><td>Pole/Log</td><td>8</td><td></td></tr> <tr><td>Red Maple</td><td>2</td><td>Pole/Log</td><td>8</td><td></td></tr> <tr><td>Quaking Aspen</td><td>70</td><td>Sapling</td><td>2</td><td>16</td></tr> <tr><td>Red Maple</td><td>18</td><td>Sapling</td><td>1</td><td>16</td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Hemlock	5	Pole/Log	12		Northern White Cedar	5	Pole/Log	8		Red Maple	2	Pole/Log	8		Quaking Aspen	70	Sapling	2	16	Red Maple	18	Sapling	1	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>Red Maple</td><td>Medium</td><td>< 5 feet</td><td>Sapling</td></tr> <tr><td>Balsam Fir</td><td>Medium</td><td>5 - 10 feet</td><td>Sapling</td></tr> <tr><td>Blackberry/Raspberry</td><td>Medium</td><td>< 5 feet</td><td>Tall Shrub</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	< 5 feet	Sapling	Balsam Fir	Medium	5 - 10 feet	Sapling	Blackberry/Raspberry	Medium	< 5 feet	Tall Shrub																																
Canopy Species	% Cover	Size Class	DBH	Age																																																																													
Hemlock	5	Pole/Log	12																																																																														
Northern White Cedar	5	Pole/Log	8																																																																														
Red Maple	2	Pole/Log	8																																																																														
Quaking Aspen	70	Sapling	2	16																																																																													
Red Maple	18	Sapling	1	16																																																																													
Sub-Canopy Species	Density	Avg. Height	Size																																																																														
Red Maple	Medium	< 5 feet	Sapling																																																																														
Balsam Fir	Medium	5 - 10 feet	Sapling																																																																														
Blackberry/Raspberry	Medium	< 5 feet	Tall Shrub																																																																														
21	4112 - Maple, Beech, Cherry Association	Poletimber Medium	8.6	88	81-110	N/A	"Mid 19 Mix" sale #006-04 (unit 4) - select cut August, 2005.																																																																										
<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 Spruce</td><td>2</td><td>Pole/Log</td><td>8</td><td></td></tr> <tr><td>Northern White Cedar</td><td>2</td><td>Pole/Log</td><td>10</td><td></td></tr> <tr><td>Hemlock</td><td>2</td><td>Log/Pole</td><td>11</td><td></td></tr> <tr><td>White Pine</td><td>2</td><td>Log/XLog</td><td>18</td><td></td></tr> <tr><td>Sugar Maple</td><td>40</td><td>Pole/Log</td><td>9</td><td></td></tr> <tr><td>Black Cherry</td><td>2</td><td>Pole</td><td>6</td><td></td></tr> <tr><td>Paper Birch</td><td>3</td><td>Log/Pole</td><td>11</td><td></td></tr> <tr><td>Balsam Fir</td><td>2</td><td>Pole/Sapling</td><td>6</td><td></td></tr> <tr><td>Red Maple</td><td>45</td><td>Pole/Log</td><td>9</td><td>88</td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Spruce	2	Pole/Log	8		Northern White Cedar	2	Pole/Log	10		Hemlock	2	Log/Pole	11		White Pine	2	Log/XLog	18		Sugar Maple	40	Pole/Log	9		Black Cherry	2	Pole	6		Paper Birch	3	Log/Pole	11		Balsam Fir	2	Pole/Sapling	6		Red Maple	45	Pole/Log	9	88	<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>Quaking Aspen</td><td>Medium</td><td>10 - 20 feet</td><td>Sapling</td></tr> <tr><td>Balsam Fir</td><td>Medium</td><td>10 - 20 feet</td><td>Sapling</td></tr> <tr><td>White Spruce</td><td>Low</td><td>Variable</td><td>Pole</td></tr> <tr><td>Maple (spp.)</td><td>Medium</td><td>>20 feet</td><td>Sapling</td></tr> <tr><td>Blackberry/Raspberry</td><td>High</td><td>< 5 feet</td><td>Tall Shrub</td></tr> <tr><td>Ironwood</td><td>Low</td><td>10 - 20 feet</td><td>Sapling</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Quaking Aspen	Medium	10 - 20 feet	Sapling	Balsam Fir	Medium	10 - 20 feet	Sapling	White Spruce	Low	Variable	Pole	Maple (spp.)	Medium	>20 feet	Sapling	Blackberry/Raspberry	High	< 5 feet	Tall Shrub	Ironwood	Low	10 - 20 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																																													
White Spruce	2	Pole/Log	8																																																																														
Northern White Cedar	2	Pole/Log	10																																																																														
Hemlock	2	Log/Pole	11																																																																														
White Pine	2	Log/XLog	18																																																																														
Sugar Maple	40	Pole/Log	9																																																																														
Black Cherry	2	Pole	6																																																																														
Paper Birch	3	Log/Pole	11																																																																														
Balsam Fir	2	Pole/Sapling	6																																																																														
Red Maple	45	Pole/Log	9	88																																																																													
Sub-Canopy Species	Density	Avg. Height	Size																																																																														
Quaking Aspen	Medium	10 - 20 feet	Sapling																																																																														
Balsam Fir	Medium	10 - 20 feet	Sapling																																																																														
White Spruce	Low	Variable	Pole																																																																														
Maple (spp.)	Medium	>20 feet	Sapling																																																																														
Blackberry/Raspberry	High	< 5 feet	Tall Shrub																																																																														
Ironwood	Low	10 - 20 feet	Sapling																																																																														



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

22 6120 - Lowland Cedar Poletimber Well 3.8 101 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	6	Log/Pole	12		Balsam Fir	Medium	Variable	Sapling
Black Spruce	10	Pole/Sapling	7		Tag Alder	Medium	5 - 10 feet	Tall Shrub
Balsam Fir	10	Pole/Sapling	7					
Northern White Cedar	60	Pole/Log	8	101				
Black Ash	8	Pole/Sap/Log	6					
Black Cherry	2	Sapling/Pole	4					
Yellow Birch	4	Pole	7					

23 4112 - Maple, Beech, Cherry Association Poletimber Medium 7.7 88 51-80 N/A "Mid 19 Mix" sale #006-04 (unit 3) - cut August, 2005

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	4	Pole/Log	10		Red Maple	Low	5 - 10 feet	Sapling
Northern White Cedar	3	Pole/Log	10		White Spruce	Medium	10 - 20 feet	Sapling
Hemlock	4	Log/XLog/Pole	12		Maple (spp.)	Low	>20 feet	Sapling
Sugar Maple	46	Pole/Log	8	88	Blackberry/Raspberry	High	< 5 feet	Tall Shrub
Black Cherry	2	Log	13		Balsam Fir	Medium	10 - 20 feet	Sapling
Red Maple	35	Pole/Log	9					
White Pine	2	XLog	22					
Paper Birch	2	Pole	7					
Balsam Fir	2	Pole	7					

24 3104 - Degraded Nonstocked 3.0 Unspecified No Possibly dispose of property with stand 26.

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Trace		Tall Shrub
White Spruce	Trace		Seeding
Quaking Aspen	Trace		Sapling
Balsam Poplar	Trace		Seeding
Tamarack	Trace		Sapling

25 4113 - R.Maple, Conifer Poletimber Well 5.7 88 111-140 N/A hardwood rise within cedar swamp

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	2	Log	12		Maple (spp.)	Low	>20 feet	Sapling
Red Maple	68	Pole/Log	10	88	Balsam Fir	High	Variable	Sapling
Yellow Birch	5	Log/XLog	16					
White Spruce	10	Log/Pole/XLog	14					
Northern White Cedar	5	Pole/Log	9					
Hemlock	5	Log/Pole	12					
Sugar Maple	5	Pole/Log	8					



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

26 6132 - Mixed Lowland Forest with Cedar Sawtimber Well 2.0 80 81-110 N/A Dispose of property?

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	10	Log/Pole	12		Black Ash	Medium	< 5 feet	Seeding
Balsam Fir	10	Pole	8		Balsam Fir	Medium	>20 feet	Sapling
Balsam Poplar	2	Pole/Sap/Log	8					
Tamarack	5	Log	12					
Black Ash	40	Pole/Log	8	80				
Northern White Cedar	25	Pole/Log	10					
Red Maple	3	Log/Pole	10					
Yellow Birch	5	Log/XLog	16					

27 6120 - Lowland Cedar Poletimber Medium 97.5 105 111-140 N/A Tagalder, grasses/sedge noted.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Poplar	2	Pole/Log	9		Balsam Poplar	Low	5 - 10 feet	Sapling
Balsam Fir	2	Pole	8		Black Ash	Low	>20 feet	Sapling
Northern White Cedar	78	Pole/Sap/Log	8	105	Tag Alder	Medium	5 - 10 feet	Tall Shrub
Tamarack	2	Log/Pole	12		Balsam Fir	Medium	Variable	Sapling
Red Maple	4	Log/Pole	11					
White Pine	2	Log/XLog	18					
Yellow Birch	2	Log/Pole	16					
Black Ash	4	Pole/Sapling	7					
Quaking Aspen	2	Pole/Log	9					
White Spruce	2	Pole/Log	9					

28 6130 - Fir, Aspen, Maple Sapling Medium 9.0 6 Immature N/A

2022: Stand is in process of regenerating into a hardwood/conifer mix. Regeneration is patchy. Residual cedar, white pine, hemlock and sugar maple 0-25% canopy. Cut spring 2016 McFarland Dump Mix 32-002-14.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	20	Sapling/Pole	1	6
White Pine	5	XLog/Log	20	
Quaking Aspen	15	Sapling/Pole	1	6
Black Cherry	10	Sapling/Pole	1	6
Northern White Cedar	10	Pole/Sapling	6	110
Black Spruce	5	Sapling	1	6
Hemlock	5	Log/Pole	10	
Tamarack	5	Sapling/Pole	1	
Red Maple	20	Sapling/Pole	1	6
Sugar Maple	5	Log/Pole/Sap	10	

29 3104 - Degraded Nonstocked 2.9 Unspecified No

Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	Trace		Seeding
Tamarack	Low		Sapling



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

30	6112 - Lowland Aspen	Poletimber Well	8.0	49	Unspecified	N/A	Cut under permit #008-72A (1972-74) - contains some lower, wet areas.
-----------	----------------------	-----------------	-----	----	-------------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	40	Pole/Sapling	5	49	Tag Alder	Medium	5 - 10 feet	Tall Shrub
Black Ash	10	Sapling/Pole	4		Balsam Fir	High	>20 feet	Sapling
Balsam Fir	20	Pole/Sapling	5					
Yellow Birch	5	Pole	6					
Red Maple	5	Pole	8					
Paper Birch	10	Pole/Sapling	5					
Northern White Cedar	10	Pole/Log	8					

32	42360 - Upland Cedar	Poletimber Medium	5.6	110	81-110	N/A	low quality red maple
-----------	----------------------	-------------------	-----	-----	--------	-----	-----------------------

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	2	Log/Pole	12		Balsam Fir	Medium	Variable	Sapling
Hemlock	2	Log/Pole	12		Maple (spp.)	Low	>20 feet	Sapling
Northern White Cedar	60	Log/Pole	10	110				
Red Maple	27	Pole/Log	8					
Quaking Aspen	2	Pole	9					
Yellow Birch	5	Log/Pole	10					
Sugar Maple	2	Pole	8					

33	4130 - Aspen	Sapling Well	5.0	46	Unspecified	N/A	Cut under permit #008-72A (1975-76).
-----------	--------------	--------------	-----	----	-------------	-----	--------------------------------------

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Pole	8	
Quaking Aspen	80	Sapling	4	46
Balsam Fir	15	Sapling	4	

34	6120 - Lowland Cedar	Poletimber Medium	15.0	110	Unspecified	N/A	Residual cedar, white pine, hemlock approximately 25% canopy. Cut spring 2016 McFarland Dump Mix 32-002-14. Desired regeneration is lowland conifer and deciduous mix.
-----------	----------------------	-------------------	------	-----	-------------	-----	--

Canopy Species	% Cover	Size Class	DBH	Age
Hemlock	25	Log/Pole	10	
White Pine	15	Log/Pole	10	
Balsam Fir	10	Pole/Sapling	5	
Northern White Cedar	50	Pole/Sapling	6	110

36	42330 - Upland Fir	Poletimber Poor	7.3	31	1-50	N/A	Possibly treat stand when adjacent timber is harvested.
-----------	--------------------	-----------------	-----	----	------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	80	Pole/Sapling	6	31
Red Maple	5	Pole/Sapling	5	
Quaking Aspen	10	Sapling/Pole	5	
Black Cherry	5	Sapling/Pole	5	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																												
37	790 - Other Bare/Sparsely Vegetated	Nonstocked	1.5		Unspecified	No	Ditched out lowland area with some saplings around perimeter.																																												
				<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 Poplar</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 Spruce</td> <td>Trace</td> <td></td> <td>Seeding</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Poplar	Low		Sapling	Tamarack	Low		Sapling	White Spruce	Trace		Seeding																														
Sub-Canopy Species	Density	Avg. Height	Size																																																
Balsam Poplar	Low		Sapling																																																
Tamarack	Low		Sapling																																																
White Spruce	Trace		Seeding																																																
38	4130 - Aspen	Sapling Well	21.5	24	Unspecified	N/A	T. sale #003-94 "Old Dump Road Block" (unit 2) - clearcut Su, 1997. Trace amounts of WP, PB noted.																																												
				<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>Willow spp.</td> <td>Low</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Hazelnut (Beaked)</td> <td>Low</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Tag Alder</td> <td>Medium</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Willow spp.	Low	< 5 feet	Tall Shrub	Balsam Fir	Low	10 - 20 feet	Sapling	Hazelnut (Beaked)	Low	< 5 feet	Tall Shrub	Tag Alder	Medium	< 5 feet	Tall Shrub																										
Sub-Canopy Species	Density	Avg. Height	Size																																																
Willow spp.	Low	< 5 feet	Tall Shrub																																																
Balsam Fir	Low	10 - 20 feet	Sapling																																																
Hazelnut (Beaked)	Low	< 5 feet	Tall Shrub																																																
Tag Alder	Medium	< 5 feet	Tall Shrub																																																
				<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 Poplar</td> <td>2</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>4</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>White Spruce</td> <td>5</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>2</td> <td>Sapling/Pole</td> <td>2</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>3</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>80</td> <td>Sapling/Pole</td> <td>4</td> <td>24</td> </tr> <tr> <td>Tamarack</td> <td>2</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>2</td> <td>Sapling/Pole</td> <td>2</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Balsam Poplar	2	Sapling	1		Northern White Cedar	4	Pole	8		White Spruce	5	Sapling/Pole	3		Black Cherry	2	Sapling/Pole	2		Balsam Fir	3	Sapling/Pole	3		Quaking Aspen	80	Sapling/Pole	4	24	Tamarack	2	Sapling	2		Red Maple	2	Sapling/Pole	2		
Canopy Species	% Cover	Size Class	DBH	Age																																															
Balsam Poplar	2	Sapling	1																																																
Northern White Cedar	4	Pole	8																																																
White Spruce	5	Sapling/Pole	3																																																
Black Cherry	2	Sapling/Pole	2																																																
Balsam Fir	3	Sapling/Pole	3																																																
Quaking Aspen	80	Sapling/Pole	4	24																																															
Tamarack	2	Sapling	2																																																
Red Maple	2	Sapling/Pole	2																																																
39	6120 - Lowland Cedar	Poletimber Well	75.9	116	141-170	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>< 5 feet</td> <td>Seeding</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	< 5 feet	Seeding																																						
Sub-Canopy Species	Density	Avg. Height	Size																																																
Balsam Fir	Low	< 5 feet	Seeding																																																
				<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>2</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>91</td> <td>Pole/Sapling</td> <td>6</td> <td>116</td> </tr> <tr> <td>Tamarack</td> <td>5</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>2</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	2	Pole	7		Northern White Cedar	91	Pole/Sapling	6	116	Tamarack	5	Pole/Sapling	7		Paper Birch	2	Pole	8																						
Canopy Species	% Cover	Size Class	DBH	Age																																															
Black Spruce	2	Pole	7																																																
Northern White Cedar	91	Pole/Sapling	6	116																																															
Tamarack	5	Pole/Sapling	7																																																
Paper Birch	2	Pole	8																																																
40	4112 - Maple, Beech, Cherry Association	Sawtimber Well	7.2	90	81-110	N/A	"Old Dump Block" #003-94 (Unit 1) - select cut July, 1995																																												
				<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>Maple (spp.)</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Maple (spp.)	Low	>20 feet	Sapling	Balsam Fir	Medium	Variable	Sapling																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																
Maple (spp.)	Low	>20 feet	Sapling																																																
Balsam Fir	Medium	Variable	Sapling																																																
				<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>Quaking Aspen</td> <td>10</td> <td>Pole/Sap/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>3</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>White Spruce</td> <td>2</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Sugar Maple</td> <td>15</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>70</td> <td>Pole/Sap/Log</td> <td>9</td> <td>90</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	10	Pole/Sap/Log	9		Balsam Fir	3	Pole/Sapling	6		White Spruce	2	Pole/Sapling	6		Sugar Maple	15	Pole/Log	8		Red Maple	70	Pole/Sap/Log	9	90																
Canopy Species	% Cover	Size Class	DBH	Age																																															
Quaking Aspen	10	Pole/Sap/Log	9																																																
Balsam Fir	3	Pole/Sapling	6																																																
White Spruce	2	Pole/Sapling	6																																																
Sugar Maple	15	Pole/Log	8																																																
Red Maple	70	Pole/Sap/Log	9	90																																															
41	4130 - Aspen	Poletimber Well	39.1	49	111-140	N/A	Cut under permit #15-70A (1971-73)																																												
				<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>Blackberry/Raspberry</td> <td>Medium</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	Variable	Sapling	Blackberry/Raspberry	Medium	< 5 feet	Tall Shrub																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																
Balsam Fir	Medium	Variable	Sapling																																																
Blackberry/Raspberry	Medium	< 5 feet	Tall Shrub																																																
				<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 Cherry</td> <td>2</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole/Sap/Log</td> <td>5</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>68</td> <td>Pole/Log</td> <td>8</td> <td>49</td> </tr> <tr> <td>Balsam Poplar</td> <td>16</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>2</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>2</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Cherry	2	Sapling/Pole	4		Paper Birch	5	Pole/Sap/Log	5		Quaking Aspen	68	Pole/Log	8	49	Balsam Poplar	16	Pole/Log	8		Northern White Cedar	2	Pole	8		Tamarack	2	Pole	8		Balsam Fir	5	Pole/Sapling	5							
Canopy Species	% Cover	Size Class	DBH	Age																																															
Black Cherry	2	Sapling/Pole	4																																																
Paper Birch	5	Pole/Sap/Log	5																																																
Quaking Aspen	68	Pole/Log	8	49																																															
Balsam Poplar	16	Pole/Log	8																																																
Northern White Cedar	2	Pole	8																																																
Tamarack	2	Pole	8																																																
Balsam Fir	5	Pole/Sapling	5																																																



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

43 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Well 12.8 49 Unspecified N/A Cut under permit #15-70A (1972-73).

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	30	Pole	6		American Elm	Low	10 - 20 feet	Sapling
Black Ash	5	Sapling	4		Balsam Fir	Full	10 - 20 feet	Sapling
Balsam Fir	35	Sapling	3	49	Northern White Cedar	Low	10 - 20 feet	Sapling
Paper Birch	10	Sapling/Pole	4		Tag Alder	High	5 - 10 feet	Tall Shrub
Balsam Poplar	20	Sapling/Pole	4	49				

44 3302 - Low Density Conifer Trees Nonstocked 3.3 0 Unspecified 613 - Lowland Mixed Forest Edge of lowland cedar stand that was harvested spring 2016. McFarland Dump Mix 32-002-14. Lowland coniferous and deciduous regeneration desired. Too wet and soft for spring harvest.

45 6117 - Lowland Deciduous, Mixed Coniferous Poletimber Well 3.6 95 Unspecified N/A Large, overmature aspen with red maple, F/S, some WP; scattered cedar pockets/inclusions (180 BA) and mixed lowlands.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Poplar	5	Log/XLog	14		Tag Alder	High	5 - 10 feet	Tall Shrub
Quaking Aspen	20	Log/XLog	16		White Spruce	Medium	>20 feet	Sapling
White Spruce	5	Pole/Log	9		Hazelnut (Beaked)	Medium	< 5 feet	Tall Shrub
Sugar Maple	5	Pole	8		Maple (spp.)	Low	>20 feet	Sapling
Northern White Cedar	5	Pole	8	104	Balsam Fir	High	Variable	Sapling
Paper Birch	5	Pole/Log	9					
Yellow Birch	5	Pole	6					
Black Cherry	5	Pole/Log	8					
Balsam Fir	5	Pole	7					
Red Maple	35	Pole/Log	10	95				
Hemlock	5	Pole/Log	9					

46 4119 - Mixed Northern Hardwoods Poletimber Medium 3.2 95 51-80 N/A This east side of the stand was harvested spring 2016, McFarland Dump Mix, 32-002-14. Residual BA 60-80. 50 BA 2022.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	2	Log/Pole	10		Balsam Fir	Medium	5 - 10 feet	Sapling
Black Cherry	3	Pole/Log	8		Red Maple	Low	5 - 10 feet	Sapling
Red Maple	50	Log/Pole	12	95				
Sugar Maple	25	Log/Pole	10					
Yellow Birch	5	Log/Pole	10					
Northern White Cedar	15	Pole/Sap/Log	6					

47 110 - Low Intensity Urban Nonstocked 6.2 Unspecified No Railroad, State Hwy M-35, electric and R.O.W.'s - some lowland shrubs, saplings within