



Compartment Review Presentation

Cadillac Forest Management Unit

Compartment 63092

Entry Year 2024

Acreage: 2,332

County Missaukee

Management Area: Houghton Lake Wetlands

Stand Examiner: Joe Ventimiglia

Legal Description:

T23N R5W, Sections 9-15

Identified Planning Goals:

Vegetation management in the Upper Muskegon management area will provide forest products; maintain or enhance wildlife habitat; protect areas of unique threatened, endangered and special concern species; and provide for forest-based recreational uses. Timber management for this 10-year period will focus on balancing age class distributions of oak, aspen and red pine. Wildlife habitat management objectives include perpetuating early-successional communities for species adapted to young forests for hunting and other wildlife-related recreation.

Soil and topography:

Terrain is generally flat with wet lowland areas. Soil series consist of Gray calm-Rubicon and Rubicon sands. AuGres and Brevort loamy sands. Roscommon Mucky sands. Montcalm-Gray calm Complex.

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

Fragmented State and Private ownership. This compartment is in the heart of enterprise oil and gas fields which have changed ownership multiple times in recent years. The eastern edge of compartment picks up the western edge of the Deadstream Swamp. In 2020 MDOT purchased roughly 320 acres in section 15 and 14 as part of a wetland mitigation project with plans to transfer ownership to the DNR sometime in 2022/23.

Unique Natural Features:

Hay Marsh Creek runs east/west through southern part of compartment. Potential for Massasauga, wood turtle and Blanding's turtle along creek. Potential for ram's head, limestone oak fern and calypso in the Q and C types.

Archeological, Historical, and Cultural Features:

Prehistoric camp on private in section 13.

Special Management Designations or Considerations:

The NE of Sec. 11 and the N1/2 of Sec. 12 are in the dedicated Deadstream Swamp. It was designated a "National Landmark" in January 1976. Rules governing the dedicated lands include: a) All motorized land equipment shall be confined to public roads, and to department designated interior roads and parking areas except under specific permits issued by the Department of Natural Resources. b) The launching of motor driven boats from state owned land to the impoundment shall be limited to those using 7 ½ brake horsepower or less.

Watershed and Fisheries Considerations:

Haymarsh Creek flows through Compartment 92. Haymarsh Creek is a Designated Trout stream, although trout have not been documented in Haymarsh Creek in many years, as no recent fisheries surveys have been conducted. At one time, brook trout were stocked, resulting in a fair fishery. File correspondence indicates that Haymarsh Creek also has a historical problem of being degraded by beavers.

Wildlife Habitat Considerations:

This compartment provides valuable habitat for management along the south edge of the Deadstream Swamp for bear, bobcat, and deer, numerous early successional songbirds and lowland hardwoods and swamp conifer wildlife species. Despite RMU agreements that were made for the five compartments making up RMU 224, there has been a net loss in aspen acreage at the expense of an increase in the red pine/white pine acreage. Management of the upland types has been to try and maintain the aspen type and to establish mixed age classes and to maintain and regenerate the oak component. Within the lowland and swamp conifer types, the goal has been to maintain preferred lowland hardwood species and to regenerate the cedar and other conifer components to provide food and cover for numerous wildlife species. (L.Smith, 9/20/02)

Mineral Resource and Development Concerns and/or Restrictions

Sections 2 & 9-15, T23N-R5W, Missaukee County

No known potential exists for commercial metallic mineral production in this part of the state. The State-owned Stoney Point sand/gravel pit is less than three miles to the southeast. The best potential for sand & gravel in the compartment is on the uplands in the northwest, but oil & gas infrastructure in the compartment could inhibit development. The compartment is within the Enterprise oil field, and a portion of the compartment has been developed for the Richfield Member of the Lucas Formation. There has been no recent well permitting activity for new wells in and around the field, and potential for drilling of new wells targeting the Richfield or other formations beneath the compartment is unknown. Some State-owned mineral rights within the compartment are currently under lease and held by production in association with the Enterprise Field. In addition, State-owned mineral rights just to the west are currently nominated for the next oil & gas lease auction. The State does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, the surface owner must provide the owner of the mineral rights reasonable access to the surface for mineral exploration and development.

Vehicle Access:

A forest road access plan is detailed on the compartment map. Identified are state and county roads as well as forest roads and trails under the jurisdiction of the DNR.

Survey Needs:

None at this time.

Recreational Facilities and Opportunities:

No recreational facilities in the compartment. Dispersed hunting primary recreation taking place. No designated trails.

Fire Protection:

This compartment has average fire potential. There are numerous residences each with the possibility for a human caused ignition. There is limited opportunity for large scale fire growth with adequate access to most location outside of the dead stream area. The dead stream offers the biggest challenge to fire fighting only because access is so limited. For the same reason the potential for human caused fire starts is also reduced. (Koll 10/4/2)

Additional Compartment Information:

The following reports from the Inventory are attached:

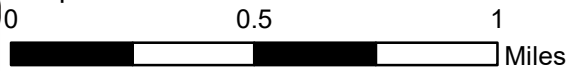
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

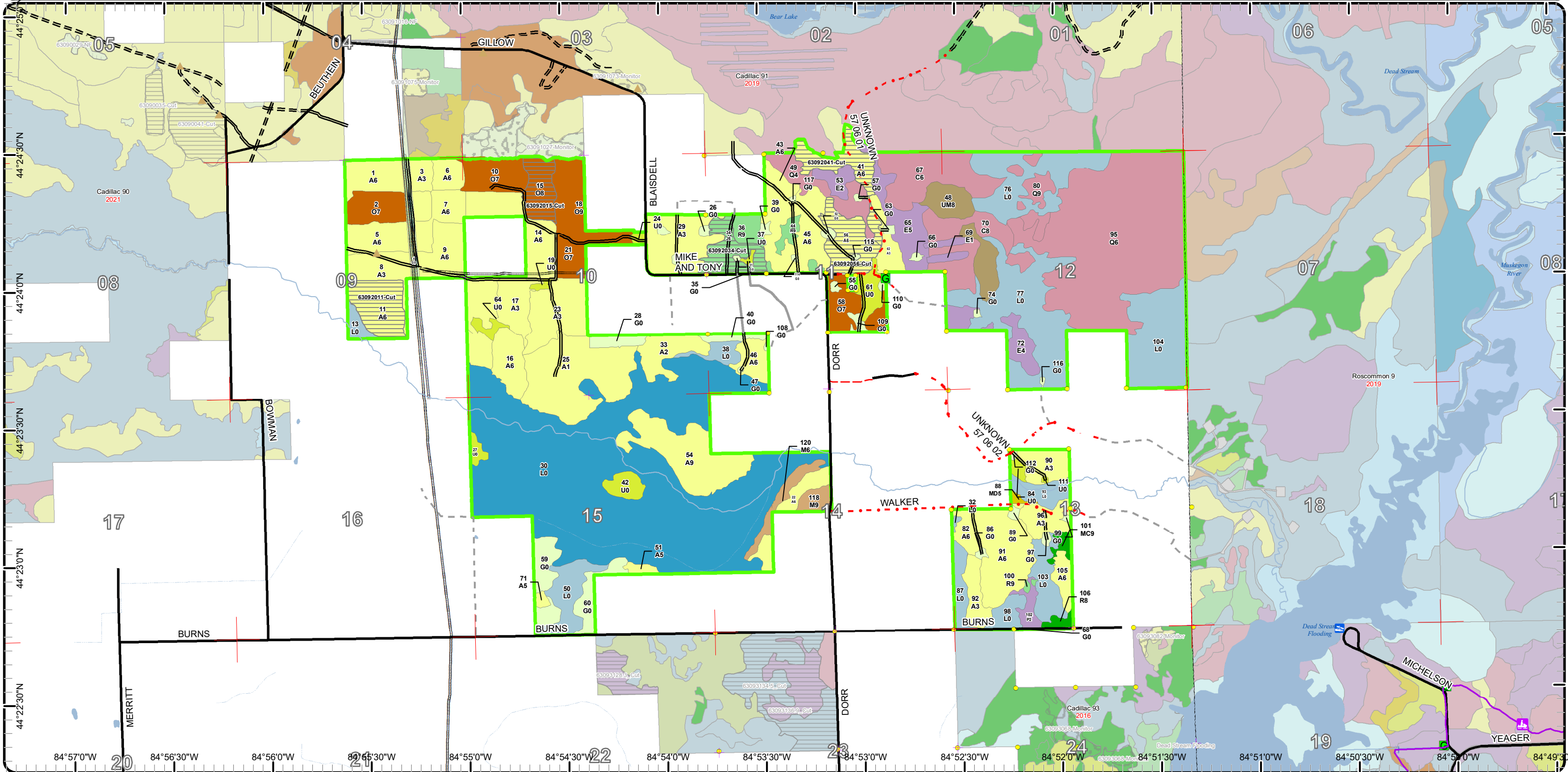
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 92
 T23NR5W Sec. 9-15
 County: Missaukee
 Unit: Cadillac
 Mgmt Area: Houghton Lake Wetlands
 YOE: 2024
 Acres: 2332 GIS Calculated
 Examiner: Joe Ventimiglia
 Map Revised: 10/4/2022
 Map Phase: Post-Review

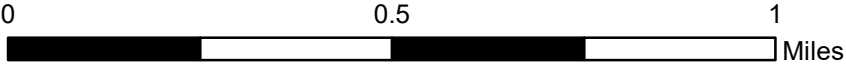


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Paved Road
- Private - Dirt / Gravel Road
- ▲ Berms
- G Gate
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- Compartment Boundary
- Clearcut (w/Reserves)
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 629 - Mixed Non-forested Wetland

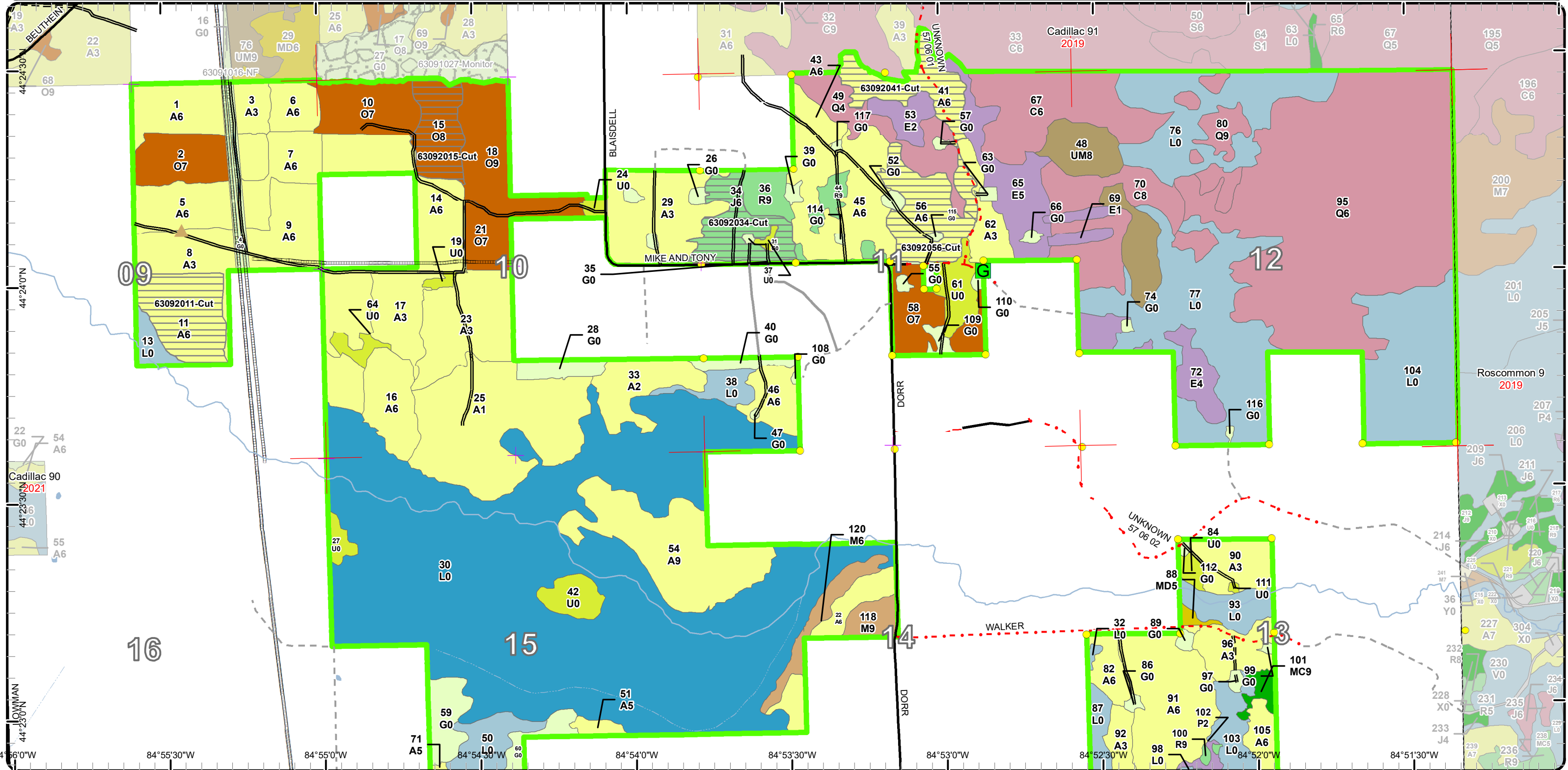


Cover Type & Treatments Map

Compartment: 92
 T23NR5W Sec. 9-15
 County: Missaukee
 Unit: Cadillac
 Mgmt Area: Houghton Lake Wetlands
 YOE: 2024
 Acres: 2332 GIS Calculated
 Examiner: Joe Ventimiglia
 Map Revised: 10/4/2022
 Map Phase: Post- Review

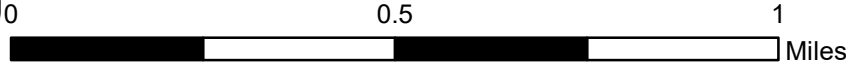


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Paved Road
- Private - Dirt / Gravel Road
- ▲ Berms
- G Gate
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- Compartment Boundary
- Clearcut (w/Reserves)
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 629 - Mixed Non-forested Wetland

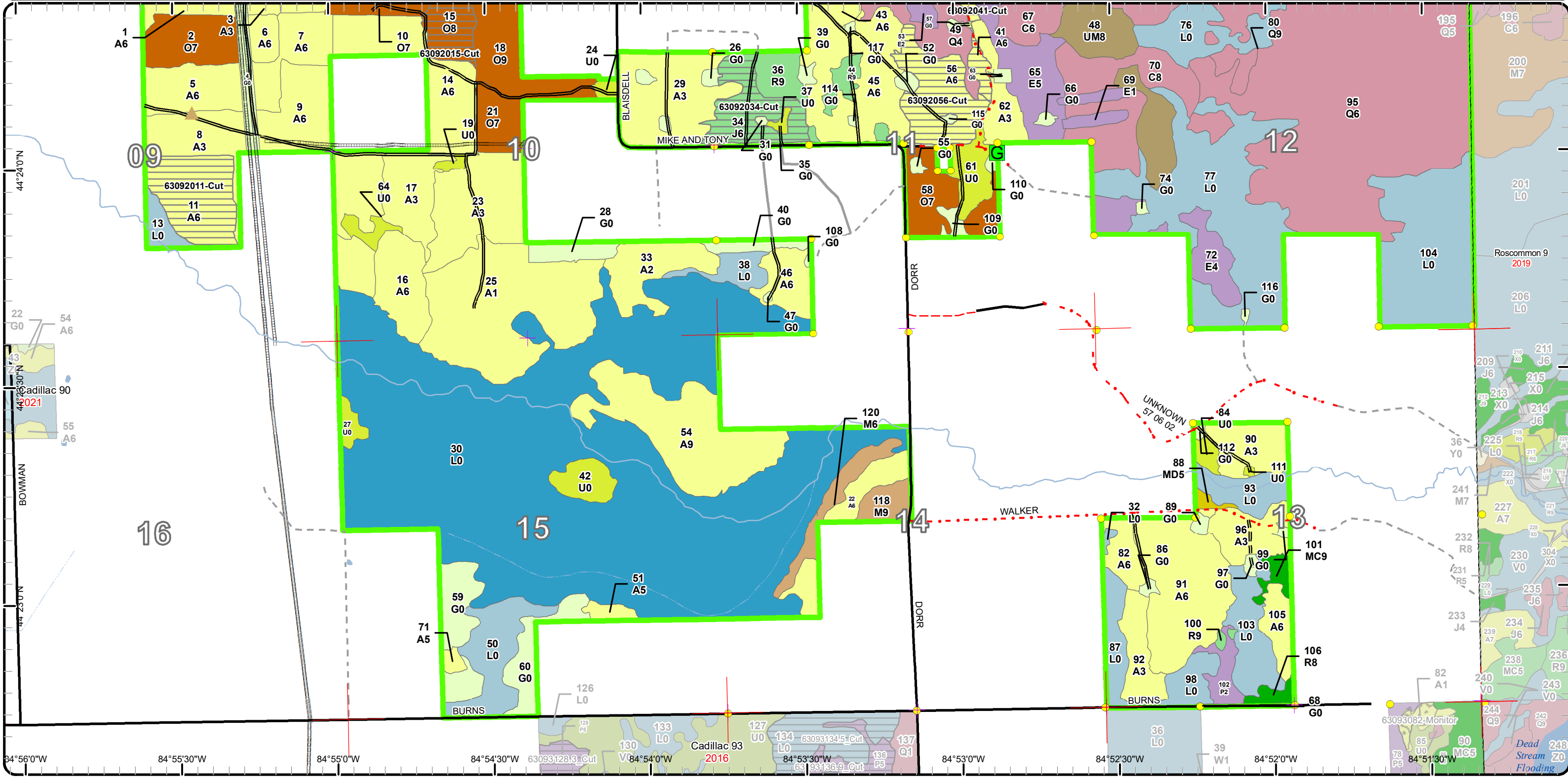


Cover Type & Treatments Map

Compartment: 92
 T23NR5W Sec. 9-15
 County: Missaukee
 Unit: Cadillac
 Mgmt Area: Houghton Lake Wetlands
 YOE: 2024
 Acres: 2332 GIS Calculated
 Examiner: Joe Ventimiglia
 Map Revised: 10/4/2022
 Map Phase: Post- Review

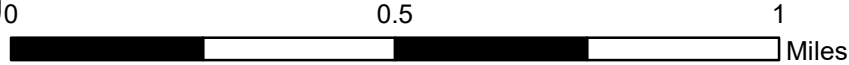


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Paved Road
- Private - Dirt / Gravel Road
- Berms
- G Gate
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- Compartment Boundary
- Clearcut (w/Reserves)
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 629 - Mixed Non-forested Wetland

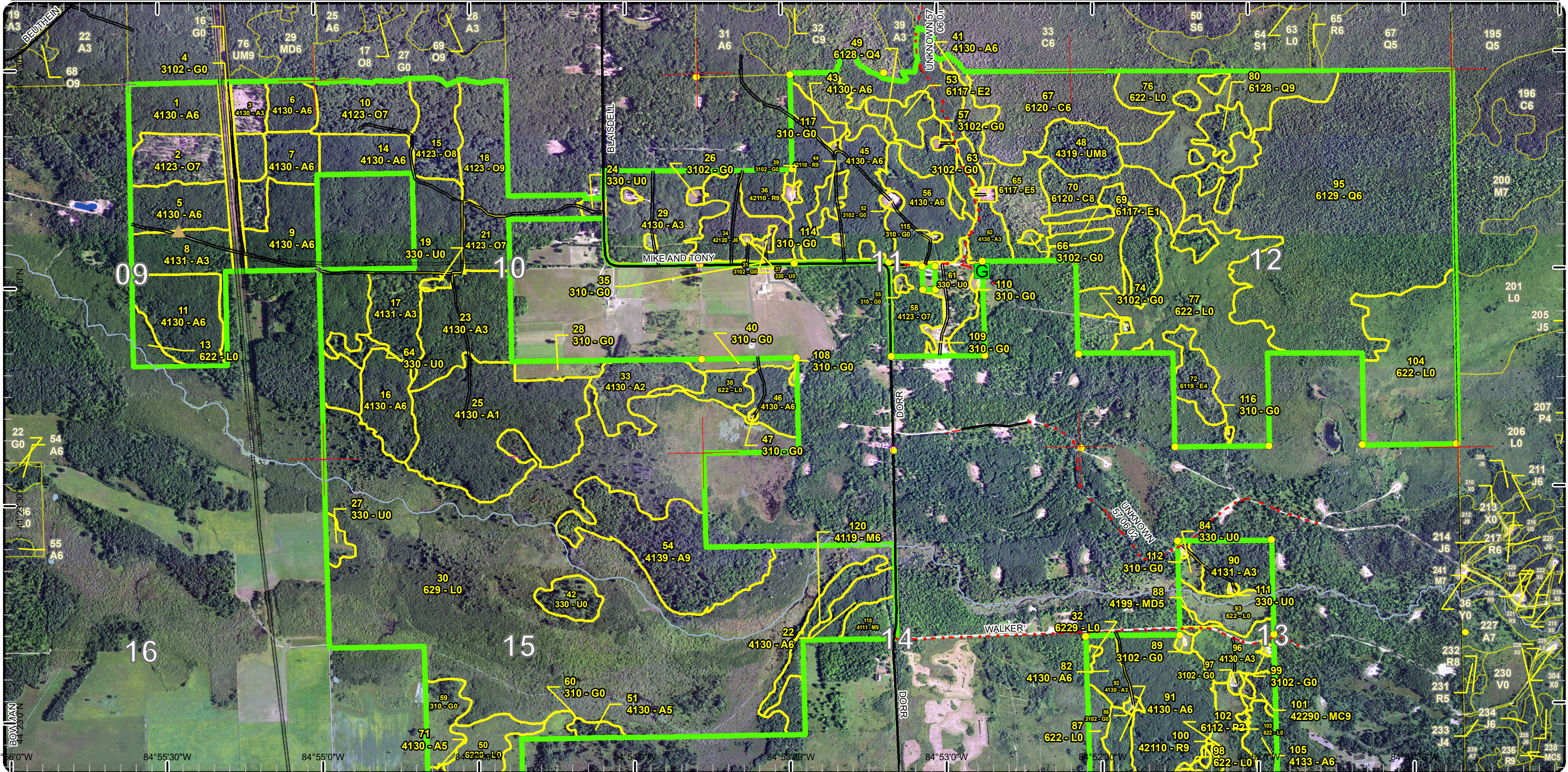


Stand Boundary Map

Compartment: 92
 T23NR5W Sec. 9-15
 County: Missaukee
 Unit: Cadillac
 Mgmt Area: Houghton Lake Wetlands
 YOE: 2024
 Acres: 2332 GIS Calculated
 Examiner: Joe Ventimiglia
 Map Revised: 10/4/2022
 Map Phase: Post- Review



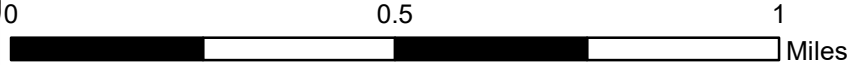
- Miris Corners
- Remonumented Section Corners
- Survey Grade Corners
- Counties
- == DNR - Secondary Forest Road
- == DNR - Forest Access Route
- Federal / State / County - Paved Road
- - - County - Gravel Road
- - - County - Dirt Road (Seasonal)
- Private - Paved Road
- - - Private - Dirt / Gravel Road
- ▲ Berms
- Ⓜ Gate
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- Compartment Boundary
- Stand Boundaries
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 629 - Mixed Non-forested Wetland



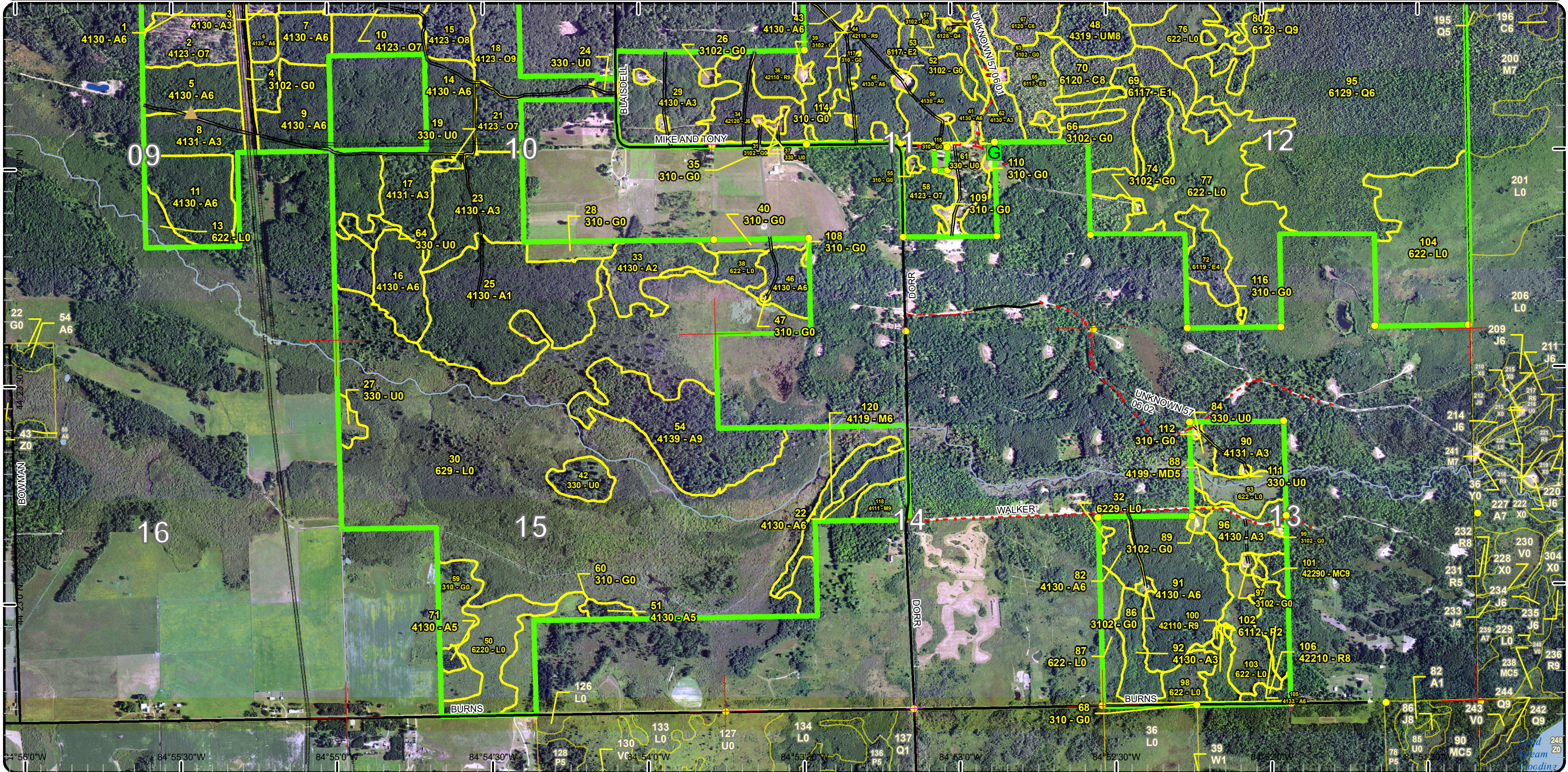
84°56'0"W 84°55'30"W 84°55'0"W 84°54'0"W 84°53'30"W 84°53'0"W 84°52'30"W 84°52'0"W

Stand Boundary Map

Compartment: 92
 T23NR5W Sec. 9-15
 County: Missaukee
 Unit: Cadillac
 Mgmt Area: Houghton Lake Wetlands
 YOE: 2024
 Acres: 2332 GIS Calculated
 Examiner: Joe Ventimiglia
 Map Revised: 10/4/2022
 Map Phase: Post- Review

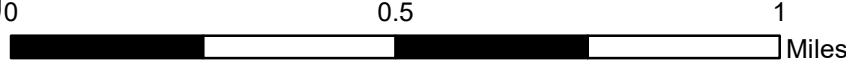


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Paved Road
- Private - Dirt / Gravel Road
- Berms
- G Gate
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- Compartment Boundary
- Stand Boundaries
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 629 - Mixed Non-forested Wetland
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest

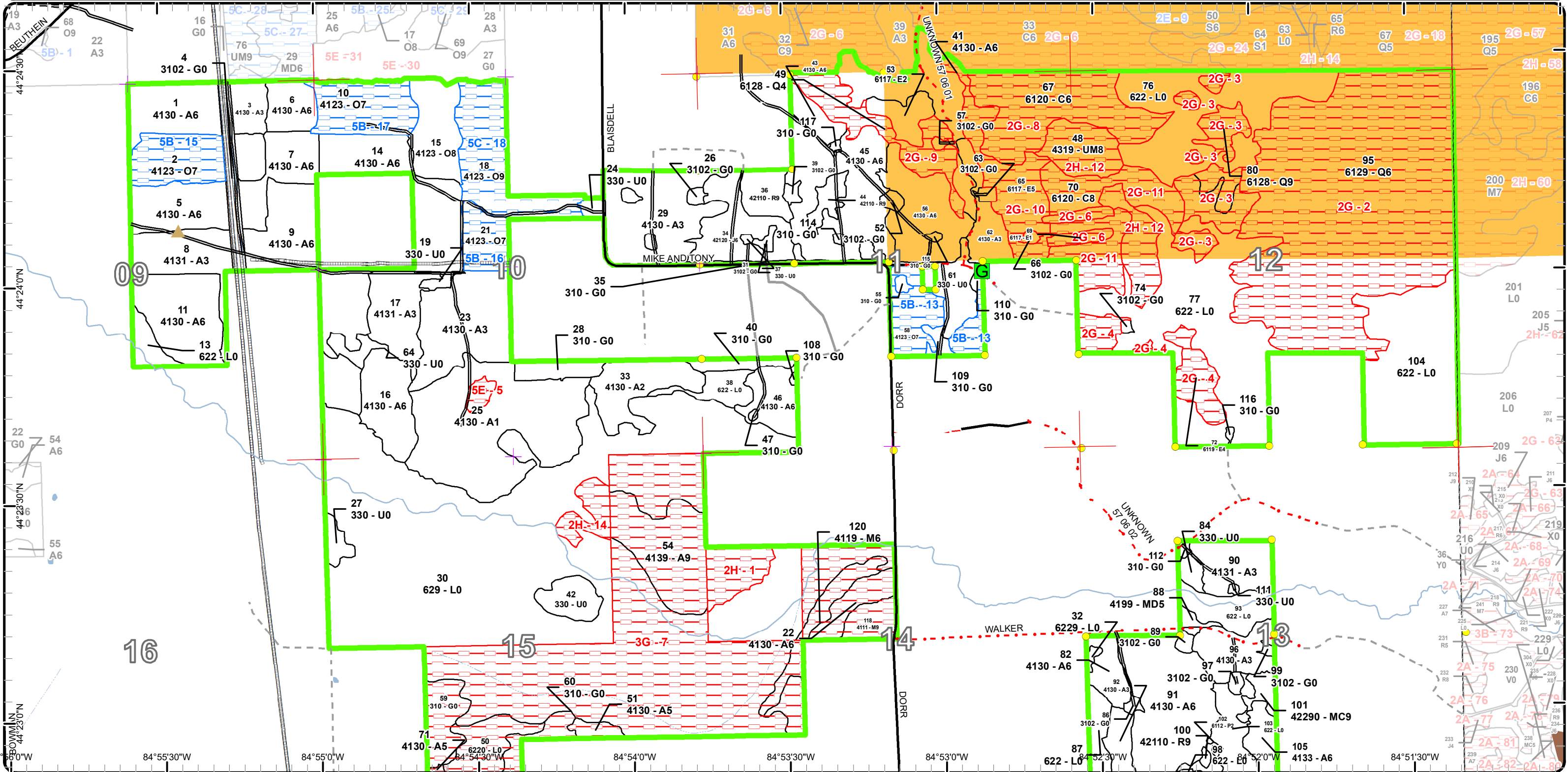


Special Conservation Areas

Compartment: 92
 T23NR5W Sec. 9-15
 County: Missaukee
 Unit: Cadillac
 Mgmt Area: Houghton Lake Wetlands
 YOE: 2024
 Acres: 2332 GIS Calculated
 Examiner: Joe Ventimiglia
 Map Revised: 10/4/2022
 Map Phase: Post- Review

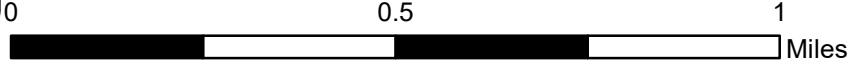


- Miris Corners
- Remonumented Section Corners
- Survey Grade Corners
- Counties
- == DNR - Secondary Forest Road
- == DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Paved Road
- Private - Dirt / Gravel Road
- ▲ Berms
- Ⓜ Gate
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- Compartment Boundary
- Available w/ Constraints
- 5B: Maintain for regeneration purposes
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3G: Other Influence zones - See comments
- 5E: Long-Term Retention
- Stand Boundaries
- Non-Dedicated Natural Areas and National Natural Landmarks
- Wildlife Management Areas

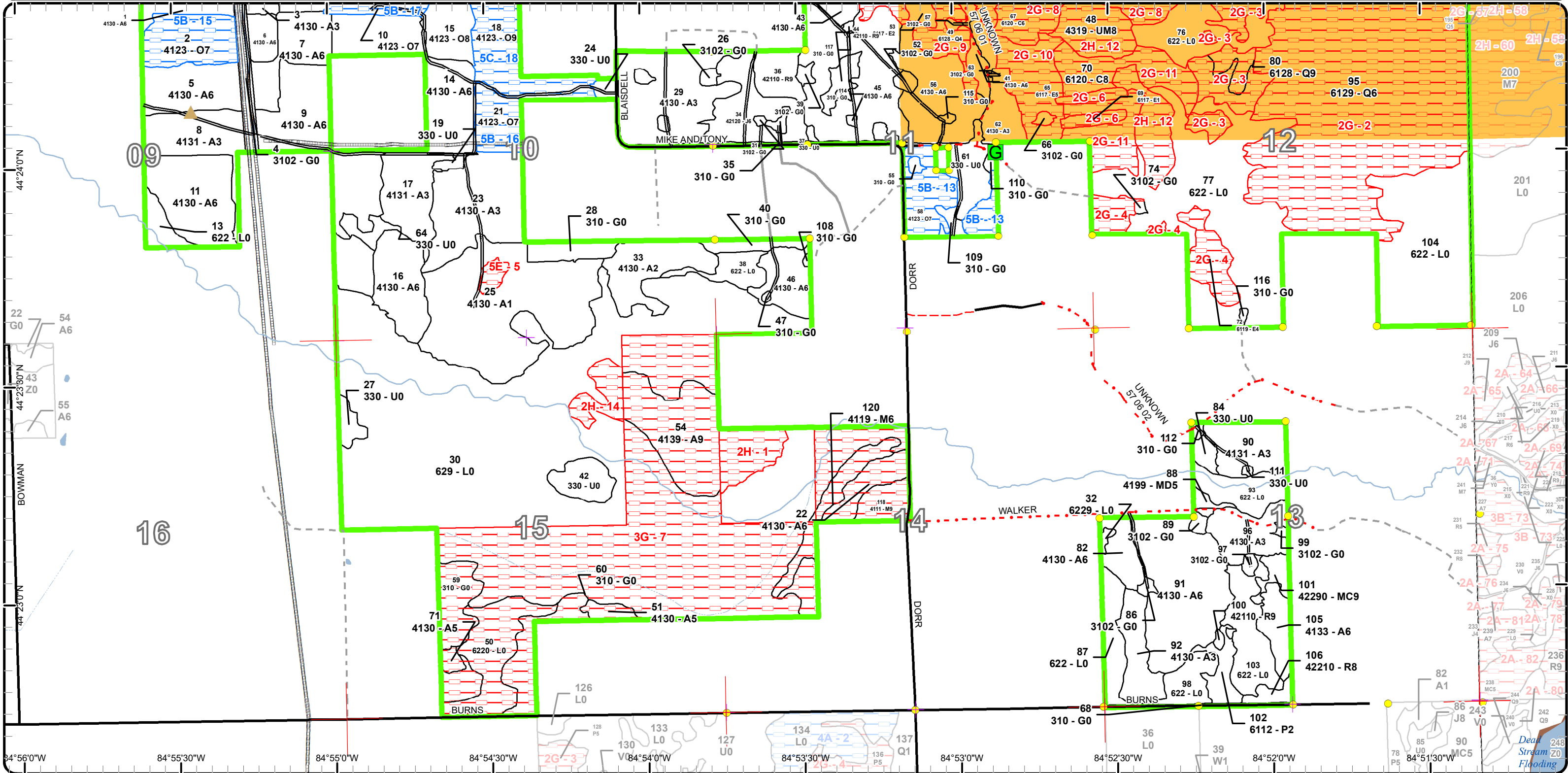


Special Conservation Areas

Compartment: 92
 T23NR5W Sec. 9-15
 County: Missaukee
 Unit: Cadillac
 Mgmt Area: Houghton Lake Wetlands
 YOE: 2024
 Acres: 2332 GIS Calculated
 Examiner: Joe Ventimiglia
 Map Revised: 10/4/2022
 Map Phase: Post- Review



- Miris Corners
- ✚ Remonumented Section Corners
- Survey Grade Corners
- Counties
- == DNR - Secondary Forest Road
- == DNR - Forest Access Route
- Federal / State / County - Paved Road
- - - County - Gravel Road
- - - County - Dirt Road (Seasonal)
- Private - Paved Road
- - - Private - Dirt / Gravel Road
- ▲ Berms
- Ⓜ Gate
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- Compartment Boundary
- Available w/ Constraints
- 5B: Maintain for regeneration purposes
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3G: Other Influence zones - See comments
- 5E: Long-Term Retention
- Stand Boundaries
- Non-Dedicated Natural Areas and National Natural Landmarks
- Wildlife Management Areas



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	153	89	147	265	55	0	0	57	0	0	0	0	0	0	0	0	0	765
Cedar	0	0	0	0	0	0	0	0	0	0	0	49	38	0	0	0	0	0	87
Herbaceous Openland	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85
Jack Pine	0	0	0	0	0	0	0	23	0	0	0	0	0	0	0	0	0	0	23
Low-Density Trees	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38
Lowland Aspen/Balsam Poplar	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Lowland Conifers	0	0	0	0	0	24	0	0	0	0	231	0	21	0	0	0	0	0	276
Lowland Deciduous	0	0	7	9	0	0	0	29	20	0	0	0	0	0	0	0	0	0	64
Lowland Shrub	772	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	772
Mixed Upland Deciduous	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
Natural Mixed Pines	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	4
Northern Hardwood	0	0	0	0	12	0	0	0	0	0	8	0	0	0	0	0	0	0	20
Oak	0	0	0	0	0	0	0	0	0	21	0	112	0	0	0	0	0	0	133
Red Pine	0	0	0	0	0	0	0	17	5	0	0	0	0	0	0	0	0	0	22
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	31	0	0	0	0	0	0	0	0	31
Total	896	153	103	156	277	79	0	71	86	52	239	161	59	0	0	0	0	0	2329



Report 2 – Treatment Summary

Cadillac Mgt. Unit

Year of Entry: 2024

Acres of Harvest

Compartment 92

Total Compartment Acres: 2,332

Commercial Harvest - 128
 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
Aspen	85	0	0	0	0	0	0	0	0	85
Jack Pine	23	0	0	0	0	0	0	0	0	23
Oak	20	0	0	0	0	0	0	0	0	20
Total	128	0	0	0	0	0	0	0	0	128

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	128	0	0	0	0	0	0	0	0	128
Next Step	0	0	0	0	0	0	128	0	0	128
Total	128	0	0	0	0	0	128	0	0	256



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
-----------------------	----------------	-------	-----------------	--------------	-----------	----------	----------------	------------------	----------------------	---------------	-------------

Approved Treatments:

11	63092011-Cut	30.2	4130 - Aspen	Poletimber Well	35	Unspecified	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Final Harvest leave retention island mapped in MIFI site condition layer. <u>Specs:</u> As well leave all White Pine. <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen with minor mix of other species. <u>Regen:</u> <u>Other</u> Add Grouse spec and recommend winter or dry summer harvest only. <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2023</p>											
15	63092015-Cut	20.4	4123 - Red Oak	Sawtimber Medium	101	51-80	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Even-Aged	No
<p><u>Prescription</u> Final Harvest leave retention island 3 to 5 percent of total acreage. Map retention in MIFI site condition layer. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Red maple/aspen/ oak mix. MUD <u>Regen:</u> <u>Other</u> With ageing oak and forest health concerns in red oak moving away from seed tree/shelter wood harvest in this cover type. Final harvest and <u>Comment:</u> manage for more of oak mix as opposed to current pure oak stands. <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2023</p>											
34	63092034-Cut	23.0	42120 - Planted Jack Pine	Poletimber Well	61		Harvest	Clearcut with Retention	4191 - Mixed Upland Deciduous with Conifer	Even-Aged	No
<p><u>Prescription</u> Final Harvest. Leave retention island. Include some red pine in retention area. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Mix of red maple, oak, aspen and jack pine. <u>Regen:</u> <u>Other</u> Note oil and gas well activity throughout including above ground pipelines. <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2023</p>											



Standard

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

41	63092041-Cut	26.5	4130 - Aspen	Poletimber Well	48	Unspecified	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
----	--------------	------	--------------	-----------------	----	-------------	---------	-------------------------	-------------	-----------	----

Prescription Final Harvest leave retention island 3 to 10 percent of total acreage. (Map retention in site condition layer)

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen with minor mix of other species.

Regen:

Other WINTER or DRY condition harvest only . Recommend tracked equipment. County road in terrible shape. May be best to skid all wood to oil site.(Stand 57)

Comment:

Site Condition

Proposed Start Date: 10/1 /2023

56	63092056-Cut	28.0	4130 - Aspen	Poletimber Well	48	Unspecified	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
----	--------------	------	--------------	-----------------	----	-------------	---------	-------------------------	-------------	-----------	----

Prescription Final harvest. Leave retention island and all white pine.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen with minor mix of other species.

Regen:

Other Add grouse spec.

Comment:

Site Condition

Proposed Start Date: 10/1 /2023

Total Treatment Acreage Proposed: 128.1

Report 4 – Site Conditions

Cadillac Mgt. Unit
Joe Ventimiglia : Examiner

Compartment: 92
Year of Entry: 2024

Availability for Management

Total Acres	Acres Available	Acres Avail		Acres Not Available	Dominant Site Conditions						
		With Condition			5B	5C	2G	2H	3G	5E	
766	685	0		82	Aspen				23	56	3
87	0	0		87	Cedar			87			
85	53	0		33	Herbaceous Openland					33	
23	23	0		0	Jack Pine						
38	38	0		0	Low-Density Trees						
7	7	0		0	Lowland Aspen/Balsam Poplar						
276	0	0		276	Lowland Conifers			276			
65	9	0		56	Lowland Deciduous			56			
772	561	0		211	Lowland Shrub					211	
2	2	0		0	Mixed Upland Deciduous						
4	4	0		0	Natural Mixed Pines						
21	0	0		20	Northern Hardwood					20	
133	20	113		0	Oak	78	35				
21	21	0		0	Red Pine						
31	0	0		31	Upland Mixed Forest				31		
2,332	1,423	113		796	Total Forested Acres	78	35	419	54	320	3
	61%	5%		34%	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	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Too wet for access.							
2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	220	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
Comments: Combination of too wet and difficulties in reasonable access. Heart of Dead Stream Swamp.							

Report 4 – Site Conditions

Cadillac Mgt. Unit
Joe Ventimiglia : Examiner

Compartment: 92
Year of Entry: 2024

3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	32	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
Comments: Isolated lowland timber in dead steam swamp.							
4	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	20	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Not commercially viable timber as well as too wet.							
5	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Green retention island left in stand. (Marked with red boundary)							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	3G: Other Influence zones - See comments	320	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Piece was purchased by MDOT as wetland mitigation. Plans in place to transfer ownership to DNR but not completed as of 2022.							
8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	49	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Cadillac Mgt. Unit
Joe Ventimiglia : Examiner

Compartment: 92
Year of Entry: 2024

9	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	24	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	29	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	38	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	31	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Upland although access would be too much work and BMP issues all for around a 30 acre stand of marginal red maple and spruce.							
13	Available	5B: Maintain for regeneration purposes	21	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Scattered poor quality oak left not worth damage to regen which is nearing 30 years old. Hold another 20 to 30 years and address at that time.							
14	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Cadillac Mgt. Unit
Joe Ventimiglia : Examiner

Compartment: 92
Year of Entry: 2024

15	Available	5B: Maintain for regeneration purposes	21	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Available	5B: Maintain for regeneration purposes	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Hold stand until aspen reaches maturity.							
17	Available	5B: Maintain for regeneration purposes	24	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
18	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	35	Unspecified	Unspecified	Unspecified	Unspecified
Comments: One of few mature oak stand in area, with large oak final harvest to north hold this to maintain some mature oak in area.							

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	Non-Dedicated Natural Areas and National Natural Landmarks	This category is comprised of those Natural, Wilderness and Wild Areas that have been nominated or proposed for legal dedication, but for which legal dedication by legislature has not occurred. The nomination process is defined by Part 351, Wilderness and Natural Areas, of the Natural Resources and Environmental Protection Act, 1994 PA 451. The program is administered by the DNR. Nominations require the submittal of a Natural Areas Nomination Packet to the DNR. This is an active program, with proposed sites in various stages of review. Final dedication of nominated Natural, Wilderness and Wild Areas is accomplished through legislative action.
HCVA	Legally dedicated Natural Areas, Wilderness or Wild Areas	The nomination process is defined by Part 351, Wilderness and Natural Areas, of the Natural Resources and Environmental Protection Act, 1994 PA 451. The program is administered by the DNR. Nominations require the submittal of a Natural Areas Nomination Packet to the DNR. This is an active program, with proposed sites in various stages of review. Final dedication of nominated Natural, Wilderness and Wild Areas is accomplished through legislative action.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																						
1	4130 - Aspen	Poletimber Well	21.5	35	51-80	N/A	Stand was final harvested in 1986 as part of "Enterprise Block 1" sale. Regenerated well to aspen dominated stand.[small pole sized]A few white and red pine also mixed in stand-very few.																																																						
<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>4</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>2</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>74</td> <td>Pole</td> <td>6</td> <td>35</td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>10</td> <td>Pole</td> <td>7</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	White Pine	4	Pole	7		Red Pine	2	Pole	7		Bigtooth Aspen	74	Pole	6	35	Red Maple	10	Pole	5		Red Oak	10	Pole	7																									
Canopy Species	% Cover	Size Class	DBH	Age																																																									
White Pine	4	Pole	7																																																										
Red Pine	2	Pole	7																																																										
Bigtooth Aspen	74	Pole	6	35																																																									
Red Maple	10	Pole	5																																																										
Red Oak	10	Pole	7																																																										
2	4123 - Red Oak	Sawtimber Poor	20.5	101	1-50	N/A	Stand was cut in 2016, oak was left along with the pine. Oak wilt was discovered in stand and a pocket of oak was identified by the forest health specialist and cut by the producer who was still in the area. Created two age stand.																																																						
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Oak</td> <td>85</td> <td>Log/Pole</td> <td>12</td> <td>101</td> <td>Quaking Aspen</td> <td>High</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> <td>Beech</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Pine</td> <td>10</td> <td>Log</td> <td>13</td> <td></td> <td>Red Maple</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>White Pine</td> <td>Trace</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Red Oak	85	Log/Pole	12	101	Quaking Aspen	High	5 - 10 feet	Sapling	White Pine	5	Pole	6		Beech	Low	< 5 feet	Sapling	Red Pine	10	Log	13		Red Maple	Medium	5 - 10 feet	Sapling						Black/Red (Hybrid) Oak	Low	< 5 feet	Sapling						White Pine	Trace	< 5 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																					
Red Oak	85	Log/Pole	12	101	Quaking Aspen	High	5 - 10 feet	Sapling																																																					
White Pine	5	Pole	6		Beech	Low	< 5 feet	Sapling																																																					
Red Pine	10	Log	13		Red Maple	Medium	5 - 10 feet	Sapling																																																					
					Black/Red (Hybrid) Oak	Low	< 5 feet	Sapling																																																					
					White Pine	Trace	< 5 feet	Sapling																																																					
3	4130 - Aspen	Sapling Well	8.1	6	Immature	N/A	Stand final harvested in 2016, oak and pine were left. Stand has regenerated well to aspen. Access came from south , pipeline was not used for 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>Bigtooth Aspen</td> <td>68</td> <td>Sapling</td> <td>1</td> <td>6</td> </tr> <tr> <td>Red Pine</td> <td>5</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>15</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>12</td> <td>Log</td> <td>14</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	68	Sapling	1	6	Red Pine	5	Log	12		Red Maple	15	Sapling	1		Red Oak	12	Log	14																														
Canopy Species	% Cover	Size Class	DBH	Age																																																									
Bigtooth Aspen	68	Sapling	1	6																																																									
Red Pine	5	Log	12																																																										
Red Maple	15	Sapling	1																																																										
Red Oak	12	Log	14																																																										
4	3102 - Grass	Nonstocked	10.7				Major gas/oil pipeline																																																						
5	4130 - Aspen	Poletimber Well	20.5	35	Immature	N/A	Stand was final harvested in 1986 as part of "Enterprise Block 1" sale. Regenerated well to mostly aspen, with a mix of maple, oak and white pine as well.																																																						
<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>70</td> <td>Pole</td> <td>5</td> <td>35</td> </tr> <tr> <td>White Pine</td> <td>10</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>2</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>10</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>8</td> <td>Pole</td> <td>5</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	70	Pole	5	35	White Pine	10	Pole/Log	8		Red Pine	2	Pole	7		Red Oak	10	Pole	7		Red Maple	8	Pole	5																									
Canopy Species	% Cover	Size Class	DBH	Age																																																									
Bigtooth Aspen	70	Pole	5	35																																																									
White Pine	10	Pole/Log	8																																																										
Red Pine	2	Pole	7																																																										
Red Oak	10	Pole	7																																																										
Red Maple	8	Pole	5																																																										
6	4130 - Aspen	Poletimber Well	16.8	35	51-80	N/A	Stand was final harvested in 1986 as part of "Enterprise Block 1" sale. Regenerated well to aspen. A few scattered pine left from when stand was 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 Oak</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>81</td> <td>Pole</td> <td>7</td> <td>35</td> </tr> <tr> <td>White Pine</td> <td>2</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>2</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Oak	5	Pole	8		Bigtooth Aspen	81	Pole	7	35	White Pine	2	Pole	6		Red Pine	2	Log	12		Red Maple	10	Pole	6																									
Canopy Species	% Cover	Size Class	DBH	Age																																																									
Red Oak	5	Pole	8																																																										
Bigtooth Aspen	81	Pole	7	35																																																									
White Pine	2	Pole	6																																																										
Red Pine	2	Log	12																																																										
Red Maple	10	Pole	6																																																										



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																						
7	4130 - Aspen	Poletimber Well	18.1	26	Immature	N/A	Stand was final harvested in 1996, with all oak being left.(Part of "Enterprise Aspen") Regenerated well to aspen and maple. A few scattered oak.																																																						
<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 Oak</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>70</td> <td>Pole/Sapling</td> <td>5</td> <td>26</td> </tr> <tr> <td>Red Maple</td> <td>20</td> <td>Sapling/Pole</td> <td>4</td> <td>26</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Oak	10	Pole	6		Bigtooth Aspen	70	Pole/Sapling	5	26	Red Maple	20	Sapling/Pole	4	26																																		
Canopy Species	% Cover	Size Class	DBH	Age																																																									
Red Oak	10	Pole	6																																																										
Bigtooth Aspen	70	Pole/Sapling	5	26																																																									
Red Maple	20	Sapling/Pole	4	26																																																									
8	4131 - Aspen, Oak	Sapling Well	21.5	26	Immature	N/A	Stand was final harvested in 1996, with all oak being left.(Part of "Enterprise Aspen")Stand has regenerated well to aspen and maple. Small oak scattered.Small grassy opening also in eastern end of stand.																																																						
<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 Oak</td> <td>20</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>60</td> <td>Sapling/Pole</td> <td>3</td> <td>26</td> </tr> <tr> <td>Black Cherry</td> <td>5</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>White Pine</td> <td>2</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>13</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Oak	20	Pole/Sapling	6		Bigtooth Aspen	60	Sapling/Pole	3	26	Black Cherry	5	Sapling/Pole	3		White Pine	2	Sapling/Pole	4		Red Maple	13	Sapling/Pole	3																									
Canopy Species	% Cover	Size Class	DBH	Age																																																									
Red Oak	20	Pole/Sapling	6																																																										
Bigtooth Aspen	60	Sapling/Pole	3	26																																																									
Black Cherry	5	Sapling/Pole	3																																																										
White Pine	2	Sapling/Pole	4																																																										
Red Maple	13	Sapling/Pole	3																																																										
9	4130 - Aspen	Poletimber Well	24.0	36		N/A	Stand was final harvested in 1984 as part of "Enterprise Block 2" Regenerated well to aspen dominated stand. Small pole sized.																																																						
<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>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>5</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>83</td> <td>Pole</td> <td>8</td> <td>36</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Black Cherry	2	Pole	6		Red Maple	10	Pole	7		Red Oak	5	Pole	7		Bigtooth Aspen	83	Pole	8	36																													
Canopy Species	% Cover	Size Class	DBH	Age																																																									
Black Cherry	2	Pole	6																																																										
Red Maple	10	Pole	7																																																										
Red Oak	5	Pole	7																																																										
Bigtooth Aspen	83	Pole	8	36																																																									
10	4123 - Red Oak	Sawtimber Poor	23.6	101	1-50	N/A	Stand was thinned in 1996. All aspen and maple cut, with oak being lightly thinned. Overstory oak in good shape, with red maple and limited oak regen in the understory..... STAND was then seed tree cut in winter 2017, 10 to 30 BA of highest quality oak was left behind as seed source.																																																						
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Oak</td> <td>100</td> <td>Log</td> <td>15</td> <td>101</td> <td>Red Oak</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Red Maple</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Red Oak	100	Log	15	101	Red Oak	Low	Variable	Sapling						Red Maple	Medium	5 - 10 feet	Sapling																											
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																					
Red Oak	100	Log	15	101	Red Oak	Low	Variable	Sapling																																																					
					Red Maple	Medium	5 - 10 feet	Sapling																																																					
11	4130 - Aspen	Poletimber Well	30.2	35	Unspecified	N/A	Stand was final harvested in 1986 as part of "Enterprise Block 2" Regenerated well to aspen dominated stand. Upland although portions of stand appear seasonally wet, ground hummucky. Much larger diameter than other cuts of age, either mistake in TSale records or possible Wet nature making growing conditions better. Along LO stand has been impacted by beaver activity and as a result of more open.																																																						
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>4</td> <td>Log/Pole</td> <td>12</td> <td></td> <td>Red Maple</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>9</td> <td>Pole/Log</td> <td>9</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>1</td> <td>Pole</td> <td>8</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Red Oak</td> <td>3</td> <td>Pole</td> <td>8</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>83</td> <td>Pole/Log</td> <td>9</td> <td>35</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	White Pine	4	Log/Pole	12		Red Maple	High	Variable	Sapling	Red Maple	9	Pole/Log	9						Black Cherry	1	Pole	8						Red Oak	3	Pole	8						Quaking Aspen	83	Pole/Log	9	35				
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																					
White Pine	4	Log/Pole	12		Red Maple	High	Variable	Sapling																																																					
Red Maple	9	Pole/Log	9																																																										
Black Cherry	1	Pole	8																																																										
Red Oak	3	Pole	8																																																										
Quaking Aspen	83	Pole/Log	9	35																																																									
13	622 - Lowland Shrub	Nonstocked	6.5			No																																																							



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
14	4130 - Aspen	Poletimber Well	37.2	36	81-110	N/A	Stand was final harvested in 1985 as part of "Enterprise Block 3" sale. Stand has regenerated well to aspen and red maple. Small pole stand. A few small oak scattered in as well.			
Canopy Species		% Cover	Size Class	DBH	Age					
Red Maple		15	Pole	6	36					
Bigtooth Aspen		80	Pole	8	36					
Red Oak		5	Pole	8						
15	4123 - Red Oak	Sawtimber Medium	20.4	101	51-80	N/A	Stand was thinned in 2006, with all maple and aspen also being cut. Oak overstory in good shape, with red maple and limited oak regenerated in the understory.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Oak		100	Log/Pole	14	101	Red Maple		Medium	5 - 10 feet	Sapling
						Red Oak		Low	< 5 feet	Sapling
16	4130 - Aspen	Poletimber Well	37.5	36		N/A	Stand was final harvested in 1984 as part of "Enterprise Block 2" Regenerated well to aspen dominated stand. Small pole sized.			
Canopy Species		% Cover	Size Class	DBH	Age					
Bigtooth Aspen		80	Pole/Sapling	5	36					
Red Maple		15	Pole/Sapling	4						
Red Oak		5	Pole/Sapling	4						
17	4131 - Aspen, Oak	Sapling Well	29.4	26	Unspecified	N/A	Stand was cut in 1996, with all oak being left.(Part of "Enterprise Aspen")Oak overstory widely scattered, with aspen regen from cut patchy. Oak overstory concentrated along road in north. Some oak blew over in recent storms.			
Canopy Species		% Cover	Size Class	DBH	Age					
Bigtooth Aspen		69	Pole/Sapling	5	26					
Red Oak		20	XLog/Log	18						
Red Maple		11	Sapling/Pole	4	26					
18	4123 - Red Oak	Sawtimber Well	35.1	101	81-110	N/A	Stand was thinned in 1996. All aspen and maple cut, with oak being lightly thinned. Logoak in decent shape, with patchy red maple and some aspen in the understory. Small southern end of stand was thinned at a earlier date, although it was lumped in as a result of similar makeup and small size.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Oak		100	Log	14	101	Red Maple		Medium	Variable	Sapling
						Bigtooth Aspen		Low	5 - 10 feet	Sapling
19	330 - Low-Density Trees	Nonstocked	1.6			No				
21	4123 - Red Oak	Sawtimber Poor	12.6	101	1-50	N/A	Stand was final harvested in 1996. All oak was left. Oak overstory widely scattered, good aspen-maple regenerating in understory. Little oak overstory in east edge of stand. Oak concentrated to west and north edge.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Oak		100	XLog/Log	18	101	Bigtooth Aspen		High	Variable	Pole
						Red Maple		Medium	Variable	Sapling
22	4130 - Aspen	Poletimber Well	15.9	30	Immature	N/A	This is current MDOT land that was purchased as a wetland mitigation. Plans in near future to turn over to DNR for management.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Quaking Aspen		100	Pole	6	30	Red Maple		Medium	Variable	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																														
23	4130 - Aspen	Sapling Well	37.7	6	Immature	N/A	Stand was final harvested in fall 2016, all sugar maple and oak was left as well as avoiding small vernal pond. Sale was not chipped, but was whole tree skidding operation.																														
<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>6</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>70</td> <td>Sapling</td> <td>1</td> <td>6</td> </tr> <tr> <td>Sugar Maple</td> <td>4</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>12</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>8</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	6	Sapling	1		Bigtooth Aspen	70	Sapling	1	6	Sugar Maple	4	Log/Pole	10		Red Maple	12	Sapling	1		Red Oak	8	Pole/Log	8	
Canopy Species	% Cover	Size Class	DBH	Age																																	
Paper Birch	6	Sapling	1																																		
Bigtooth Aspen	70	Sapling	1	6																																	
Sugar Maple	4	Log/Pole	10																																		
Red Maple	12	Sapling	1																																		
Red Oak	8	Pole/Log	8																																		
24	330 - Low-Density Trees	Nonstocked	2.0			No																															
25	4130 - Aspen	Sapling Poor	78.2	3	Immature	N/A	Stand was final harvested over time from 2019 to 2021, producer moved in and out for market and wet conditions of sale. Retention island was left. As well LO on south end was buffered slightly per Wildlife request as time. Blowdown event occurred after sale was purchased and was reason for root balls tipped up in area. Good quality aspen, with lowland character and 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>Red Maple</td> <td>10</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>2</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>88</td> <td>Sapling</td> <td>1</td> <td>3</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	10	Sapling	1		Red Oak	2	Pole/Log	9		Quaking Aspen	88	Sapling	1	3										
Canopy Species	% Cover	Size Class	DBH	Age																																	
Red Maple	10	Sapling	1																																		
Red Oak	2	Pole/Log	9																																		
Quaking Aspen	88	Sapling	1	3																																	
26	3102 - Grass	Nonstocked	3.0			Well Site																															
27	330 - Low-Density Trees	Nonstocked	4.1			No	Low density tree landlocked by large lowland shrub complex. Easy to see large shooting lane cut through state land. See 2020 imagery. CO notified of issue in 2021.																														
28	310 - Herbaceous Openland	Nonstocked	7.3			No	Has been plowed in recent years, appears to be old trespass, which may not be resolved. Judging from old photos the land has been farmed for decades.																														
29	4130 - Aspen	Sapling Well	38.2	17	Immature	N/A	Stand was final harvested in 2005 as part of "Hayfield Mix" sale. Came back to mostly aspen, with some maple and oak mixed in. A few log oak left by road. Active oil wells scattered within stand.																														
<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>3</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>76</td> <td>Sapling</td> <td>3</td> <td>17</td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Sapling</td> <td>3</td> <td>17</td> </tr> <tr> <td>Red Oak</td> <td>9</td> <td>Pole/Sap/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>3</td> <td>Sapling</td> <td>3</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	2	Sapling	3		Quaking Aspen	76	Sapling	3	17	Red Maple	10	Sapling	3	17	Red Oak	9	Pole/Sap/Log	8		Black Cherry	3	Sapling	3	
Canopy Species	% Cover	Size Class	DBH	Age																																	
Paper Birch	2	Sapling	3																																		
Quaking Aspen	76	Sapling	3	17																																	
Red Maple	10	Sapling	3	17																																	
Red Oak	9	Pole/Sap/Log	8																																		
Black Cherry	3	Sapling	3																																		
30	629 - Mixed non-forested wetland	Nonstocked	465.8			No	Large lowland shrub complex. Some small more upland patches of trees too small to map.																														
31	3102 - Grass	Nonstocked	0.4			Well Site																															
32	6229 - Mixed lowland shrub	Nonstocked	1.0	0		No	Flooded lowland shrub.																														



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																						
33	4130 - Aspen	Sapling Medium	21.0	16	Immature	N/A	Stand was final harvested in 2006 as part of Hayfield Mix sale. Site is close to be considered lowland, which resulted in the aspen being a little patchy in spots. Overall aspen has come back well. Very small patch of scotch pine plantation from private landowner to north bleeds onto state land.																																						
<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>Scotch Pine</td> <td>2</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>18</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>2</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>78</td> <td>Sapling</td> <td>2</td> <td>16</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Scotch Pine	2	Pole/Sapling	5		Red Maple	18	Sapling	2		Red Oak	2	Sapling	1		Quaking Aspen	78	Sapling	2	16																		
Canopy Species	% Cover	Size Class	DBH	Age																																									
Scotch Pine	2	Pole/Sapling	5																																										
Red Maple	18	Sapling	2																																										
Red Oak	2	Sapling	1																																										
Quaking Aspen	78	Sapling	2	16																																									
<hr/>																																													
34	42120 - Planted Jack Pine	Poletimber Well	23.0	61		N/A	Jack pine planted in 1963. Dense pole/log jack pine stand. Jack pine falling apart. 1 acre strip of log oak on west edge. Oil pipelines and well sites within stand. Above ground lines in stand as well. A few red pine mixed. Red maple in understory.																																						
<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>3</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>6</td> <td>Log</td> <td>13</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>1</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>85</td> <td>Pole/Log</td> <td>8</td> <td>61</td> </tr> <tr> <td>Red Oak</td> <td>5</td> <td>Log/Pole</td> <td>13</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Black Cherry	3	Pole/Log	9		Red Pine	6	Log	13		Quaking Aspen	1	Pole/Log	9		Jack Pine	85	Pole/Log	8	61	Red Oak	5	Log/Pole	13		<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>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	High	10 - 20 feet	Sapling			
Canopy Species	% Cover	Size Class	DBH	Age																																									
Black Cherry	3	Pole/Log	9																																										
Red Pine	6	Log	13																																										
Quaking Aspen	1	Pole/Log	9																																										
Jack Pine	85	Pole/Log	8	61																																									
Red Oak	5	Log/Pole	13																																										
Sub-Canopy Species	Density	Avg. Height	Size																																										
Red Maple	High	10 - 20 feet	Sapling																																										
<hr/>																																													
35	310 - Herbaceous Openland	Nonstocked	5.8	0		No	Road ditch.																																						
<hr/>																																													
36	42110 - Planted Red Pine	Sawtimber Well	10.0	62	111-140	N/A	RED PINE planted in 1963. Log pole Red pine plantation. Rows not easily defined. Spotty plantation, with open areas in pockets. Aspen pocket in northeast																																						
<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 Pine</td> <td>83</td> <td>Log/Pole</td> <td>11</td> <td>62</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>7</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Pine	83	Log/Pole	11	62	Bigtooth Aspen	10	Log/Pole	10		Red Oak	7	Log/Pole	12		<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> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	Variable	Sapling													
Canopy Species	% Cover	Size Class	DBH	Age																																									
Red Pine	83	Log/Pole	11	62																																									
Bigtooth Aspen	10	Log/Pole	10																																										
Red Oak	7	Log/Pole	12																																										
Sub-Canopy Species	Density	Avg. Height	Size																																										
Red Maple	Medium	Variable	Sapling																																										
<hr/>																																													
37	330 - Low-Density Trees	Nonstocked	1.3			No	Well Site																																						
<hr/>																																													
38	622 - Lowland Shrub	Nonstocked	8.2		Unspecified	No	Mostly alder and willow, although some aspen are starting to fill in the edges.																																						
<hr/>																																													
39	3102 - Grass	Nonstocked	1.3				well site																																						
<hr/>																																													
40	310 - Herbaceous Openland	Nonstocked	5.2			No	Open field which appears to still be managed as a rye opening. Judging from old photos the land has been farmed for decades.																																						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																															
41	4130 - Aspen	Poletimber Well	26.5	48	Unspecified	N/A	Approaching log size overall this stand was cut at same time as stand 56 but has much more lowland character.																																															
<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>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>80</td> <td>Pole/Log</td> <td>9</td> <td>48</td> </tr> <tr> <td>White Pine</td> <td>2</td> <td>Log/Pole</td> <td>15</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>4</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>6</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>3</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	5	Pole	8		Quaking Aspen	80	Pole/Log	9	48	White Pine	2	Log/Pole	15		Balsam Fir	4	Pole/Sapling	6		Red Maple	6	Pole/Log	9		Red Oak	3	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>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Oak</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</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	Red Oak	Low	Variable	Sapling	Balsam Fir	Low	Variable	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Paper Birch	5	Pole	8																																																			
Quaking Aspen	80	Pole/Log	9	48																																																		
White Pine	2	Log/Pole	15																																																			
Balsam Fir	4	Pole/Sapling	6																																																			
Red Maple	6	Pole/Log	9																																																			
Red Oak	3	Pole	8																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																			
Red Maple	Medium	Variable	Sapling																																																			
Red Oak	Low	Variable	Sapling																																																			
Balsam Fir	Low	Variable	Sapling																																																			
42	330 - Low-Density Trees	Nonstocked	9.5			No	Appears to be upland island in middle of lowland alder sea. Very remote.																																															
43	4130 - Aspen	Poletimber Well	6.7	36		N/A	Stand was final harvested in 1985. Pole aspen stand regenerated well. (Good stocking)																																															
<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>3</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>92</td> <td>Pole</td> <td>8</td> <td>36</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Cherry	3	Pole	6		Red Maple	5	Pole	6		Bigtooth Aspen	92	Pole	8	36	<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>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	High	10 - 20 feet	Sapling																							
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Black Cherry	3	Pole	6																																																			
Red Maple	5	Pole	6																																																			
Bigtooth Aspen	92	Pole	8	36																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																			
Red Maple	High	10 - 20 feet	Sapling																																																			
44	42110 - Planted Red Pine	Sawtimber Well	6.6	62	51-80	N/A	Red Pine planted in 1963. Stand was row thinned back in 1996. Mostly log red pine, with scattered aspen within pockets in stand. Log oak on edges. Semi broken plantation.																																															
<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>8</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>85</td> <td>Log</td> <td>13</td> <td>62</td> </tr> <tr> <td>Red Oak</td> <td>5</td> <td>Log/Pole</td> <td>13</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>2</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	8	Log/Pole	10		Red Pine	85	Log	13	62	Red Oak	5	Log/Pole	13		Red Maple	2	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>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</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/Red (Hybrid) Oak	Low	< 5 feet	Sapling														
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Bigtooth Aspen	8	Log/Pole	10																																																			
Red Pine	85	Log	13	62																																																		
Red Oak	5	Log/Pole	13																																																			
Red Maple	2	Pole/Log	9																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																			
Red Maple	Medium	Variable	Sapling																																																			
Black/Red (Hybrid) Oak	Low	< 5 feet	Sapling																																																			
45	4130 - Aspen	Poletimber Well	46.1	26	Immature	N/A	Stand was final harvested in 1996, with all non merchantable oak left at the time of harvest. Aspen came back well, widely scattered pole/ log oak left from harvest. Oil activity throughout stand.																																															
<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 Oak</td> <td>10</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>80</td> <td>Pole/Sapling</td> <td>6</td> <td>26</td> </tr> <tr> <td>Paper Birch</td> <td>2</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>1</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>2</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td>26</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Oak	10	Pole/Log	9		Bigtooth Aspen	80	Pole/Sapling	6	26	Paper Birch	2	Sapling/Pole	3		Red Pine	1	Pole/Log	8		Black Cherry	2	Sapling/Pole	4		Red Maple	5	Pole/Sapling	5	26																		
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Red Oak	10	Pole/Log	9																																																			
Bigtooth Aspen	80	Pole/Sapling	6	26																																																		
Paper Birch	2	Sapling/Pole	3																																																			
Red Pine	1	Pole/Log	8																																																			
Black Cherry	2	Sapling/Pole	4																																																			
Red Maple	5	Pole/Sapling	5	26																																																		
46	4130 - Aspen	Poletimber Well	13.4	27	Unspecified	N/A	Stand was final harvested in 1995. Lowland along edges . Small pole sized aspen. Well pad on southern edge of stand.																																															
<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>100</td> <td>Pole/Sapling</td> <td>5</td> <td>27</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	100	Pole/Sapling	5	27																																											
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Quaking Aspen	100	Pole/Sapling	5	27																																																		
47	310 - Herbaceous Openland	Nonstocked	0.4	0			Well Site																																															



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																											
48	4319 - Mixed Upland Forest	Sawtimber Medium	31.1	85	81-110	N/A	Isolated upland ridge of spruce and red maple log sized stems. Fairly sparse stand, with limited regen under the canopy. Fairly unique stand. Possible habitat cut in 1971?																																											
<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>30</td> <td>Log</td> <td>16</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>20</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>White Spruce</td> <td>10</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>40</td> <td>Pole/Log</td> <td>9</td> <td>85</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	30	Log	16		Paper Birch	20	Pole	7		White Spruce	10	Pole/Log	9		Black Spruce	40	Pole/Log	9	85	<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>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</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> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	Variable	Sapling	Balsam Fir	Low	< 5 feet	Sapling	Paper Birch	Low	< 5 feet	Sapling						
Canopy Species	% Cover	Size Class	DBH	Age																																														
Red Maple	30	Log	16																																															
Paper Birch	20	Pole	7																																															
White Spruce	10	Pole/Log	9																																															
Black Spruce	40	Pole/Log	9	85																																														
Sub-Canopy Species	Density	Avg. Height	Size																																															
Red Maple	Low	Variable	Sapling																																															
Balsam Fir	Low	< 5 feet	Sapling																																															
Paper Birch	Low	< 5 feet	Sapling																																															
49	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Poor	24.2	45	Unspecified	N/A	Mixed lowland stand sparsely stocked small diameter spruce, fir, dead ash, aspen and cedar. Very open stand with pockets of mostly alder and willow prevalent. Very wet site. Very close to sapling size stand overall. Cedar concentrated on west side. Too wet to support larger 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>Northern White Cedar</td> <td>20</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>10</td> <td>Pole/Sapling</td> <td>4</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>5</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>25</td> <td>Pole/Sapling</td> <td>6</td> <td>45</td> </tr> <tr> <td>Balsam Fir</td> <td>20</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	20	Pole	6		Paper Birch	10	Pole/Sapling	4		Quaking Aspen	5	Pole/Sapling	6		Red Maple	25	Pole/Sapling	6	45	Balsam Fir	20	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>Tag Alder</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Willow spp.</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	High	5 - 10 feet	Tall Shrub	Willow spp.	Medium	5 - 10 feet	Sapling					
Canopy Species	% Cover	Size Class	DBH	Age																																														
Northern White Cedar	20	Pole	6																																															
Paper Birch	10	Pole/Sapling	4																																															
Quaking Aspen	5	Pole/Sapling	6																																															
Red Maple	25	Pole/Sapling	6	45																																														
Balsam Fir	20	Pole/Sapling	5																																															
Sub-Canopy Species	Density	Avg. Height	Size																																															
Tag Alder	High	5 - 10 feet	Tall Shrub																																															
Willow spp.	Medium	5 - 10 feet	Sapling																																															
50	6220 - Alder/willow	Nonstocked	25.6		Unspecified	No	Recently purchases by MDOT then transferred to MDNR. Land was purchase by MDOT for wetland mitigation project.																																											
51	4130 - Aspen	Poletimber Medium	3.5	35	Unspecified	N/A	Recently purchases by MDOT then transferred to MDNR. Land was purchase by MDOT for wetland mitigation project. Small chunk of falling apart poor aspen, may flood out at times.																																											
<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>100</td> <td>Pole</td> <td>8</td> <td>35</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	100	Pole	8	35	<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>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	Variable	Sapling																													
Canopy Species	% Cover	Size Class	DBH	Age																																														
Quaking Aspen	100	Pole	8	35																																														
Sub-Canopy Species	Density	Avg. Height	Size																																															
Red Maple	Low	Variable	Sapling																																															
52	3102 - Grass	Nonstocked	1.7				Well Site																																											
53	6117 - Lowland Deciduous, Mixed Coniferous	Sapling Medium	8.8	21	Immature	N/A	Stand was cut in winter of 2001, with all cedar and a few oak being left. (Wildlife cut) Stand has came back well to a mix of aspen and red maple, with fir, oak, and paper birch also mixed in. Flooded out in pockets to tag/willow.																																											
<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>15</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>10</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Black Ash</td> <td>5</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>25</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>13</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>2</td> <td>Sapling</td> <td>2</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Balsam Fir	15	Sapling	3		Northern White Cedar	10	Pole	5		Black Ash	5	Sapling	2		Red Maple	25	Sapling	3		Paper Birch	13	Sapling	2		Red Oak	2	Sapling	2		<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>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Willow spp.</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	5 - 10 feet	Tall Shrub	Willow spp.	Medium	Variable	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																														
Balsam Fir	15	Sapling	3																																															
Northern White Cedar	10	Pole	5																																															
Black Ash	5	Sapling	2																																															
Red Maple	25	Sapling	3																																															
Paper Birch	13	Sapling	2																																															
Red Oak	2	Sapling	2																																															
Sub-Canopy Species	Density	Avg. Height	Size																																															
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																															
Willow spp.	Medium	Variable	Sapling																																															
54	4139 - Aspen, Mixed Deciduous	Sawtimber Well	57.4	73	Unspecified	N/A	Island in Middle of Haymarsh Swamp. A large portion was purchased by MDOT in 2020 with plans to transfer ownership to MDNR. Unique island of upland not worth impact to surrounding wetland to cut commercially.																																											
55	310 - Herbaceous Openland	Nonstocked	0.9		Unspecified		old plugged well																																											



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																										
56	4130 - Aspen	Poletimber Well	28.0	48	Unspecified	N/A	Large pole/log aspen stand. Mostly aspen, although a little hardwood and oak mixed in. A couple super canopy white pine. Upland stand although far northwest edge has some lowland character.																																										
<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>81</td> <td>Pole/Log</td> <td>9</td> <td>48</td> </tr> <tr> <td>White Pine</td> <td>2</td> <td>XLog/Log</td> <td>21</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>6</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>6</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	81	Pole/Log	9	48	White Pine	2	XLog/Log	21		Red Maple	6	Pole/Log	8		Paper Birch	5	Pole	8		Red Oak	6	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>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Oak</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	Red Oak	Low	Variable	Sapling				
Canopy Species	% Cover	Size Class	DBH	Age																																													
Bigtooth Aspen	81	Pole/Log	9	48																																													
White Pine	2	XLog/Log	21																																														
Red Maple	6	Pole/Log	8																																														
Paper Birch	5	Pole	8																																														
Red Oak	6	Pole/Log	9																																														
Sub-Canopy Species	Density	Avg. Height	Size																																														
Red Maple	Medium	Variable	Sapling																																														
Red Oak	Low	Variable	Sapling																																														
57	3102 - Grass	Nonstocked	0.7				Capped Well site.																																										
58	4123 - Red Oak	Sawtimber Poor	21.2	84	1-50	N/A	Stand was cut in 1996, with all oak being left. Variable oak overstory, with aspen and red maple regenerating in the understory. Small piece of red pine in the southeast. Close to considering the regen the main canopy species.																																										
<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 Pine</td> <td>5</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>95</td> <td>Log</td> <td>15</td> <td>84</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	5	Pole/Log	9		Red Oak	95	Log	15	84	<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 Oak</td> <td>Medium</td> <td>>20 feet</td> <td>Pole</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>High</td> <td>>20 feet</td> <td>Pole</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>>20 feet</td> <td>Pole</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Oak	Medium	>20 feet	Pole	Bigtooth Aspen	High	>20 feet	Pole	Red Maple	Medium	>20 feet	Pole															
Canopy Species	% Cover	Size Class	DBH	Age																																													
Red Pine	5	Pole/Log	9																																														
Red Oak	95	Log	15	84																																													
Sub-Canopy Species	Density	Avg. Height	Size																																														
Red Oak	Medium	>20 feet	Pole																																														
Bigtooth Aspen	High	>20 feet	Pole																																														
Red Maple	Medium	>20 feet	Pole																																														
59	310 - Herbaceous Openland	Nonstocked	18.5		Unspecified	No	Recently purchases by MDOT then transferred to MDNR. Land was purchase by MDOT for wetland mitigation project. Appears to have been mowed by private landowner in the past? Few scattered trees in north end.																																										
60	310 - Herbaceous Openland	Nonstocked	14.1		Unspecified	No	Recently purchases by MDOT then transferred to MDNR. Land was purchase by MDOT for wetland mitigation project. Appears to have been mowed by private landowner in the past?																																										
61	330 - Low-Density Trees	Nonstocked	11.9		Unspecified	No																																											
62	4130 - Aspen	Sapling Well	12.1	6	Immature	N/A	Stand was final harvested in fall 2016. All oak and conifer was left. Well company was worked with during sale. Some lowland character throughout, although mostly upland compared to surroundings.																																										
<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>1</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>10</td> <td>Pole</td> <td>9</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>59</td> <td>Sapling</td> <td>1</td> <td>6</td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Pole/Sapling</td> <td>4</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>20</td> <td>Sapling</td> <td>1</td> <td>6</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	1	Sapling	1		Red Oak	10	Pole	9		Quaking Aspen	59	Sapling	1	6	Balsam Fir	10	Pole/Sapling	4		Bigtooth Aspen	20	Sapling	1	6																		
Canopy Species	% Cover	Size Class	DBH	Age																																													
Red Maple	1	Sapling	1																																														
Red Oak	10	Pole	9																																														
Quaking Aspen	59	Sapling	1	6																																													
Balsam Fir	10	Pole/Sapling	4																																														
Bigtooth Aspen	20	Sapling	1	6																																													
63	3102 - Grass	Nonstocked	1.2				Well Site																																										
64	330 - Low-Density Trees	Nonstocked	3.9	0	Unspecified	No	Small opening with scattered trees.																																										



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

65 6117 - Lowland Deciduous, Mixed Coniferous Poletimber Medium 29.0 65 1-50 N/A Very wet lowland hardwood/aspens, with conifer component. Very sparse stocking with pockets of mostly open alder and willow throughout. Good amount of dead and dieing maple and aspen from wet conditions. Part of the National Nature Landmark called the "Dead Stream Swamp" designated in 1976.(SCA)

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	25	Pole/Log	8		Red Maple	Medium	Variable	Sapling
Balsam Fir	20	Pole	5		Balsam Fir	Low	Variable	Sapling
Northern White Cedar	5	Pole	7		Tag Alder	High	Variable	Tall Shrub
Black Spruce	10	Pole	7		Black Ash	Medium	Variable	Sapling
Black Ash	5	Pole	6		Quaking Aspen	Low	Variable	Sapling
Paper Birch	5	Pole	8					

66 3102 - Grass Nonstocked 0.9 Well Site

67 6120 - Lowland Cedar Poletimber Well 49.0 108 Unspecified N/A Lowland mix of cedar, fir, black spruce, Mostly pole size stems, with a mix of maple, black ash and fir in the understory. Very wet hummucky ground.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	10	Pole	7		Red Maple	Medium	Variable	Sapling
Black Spruce	25	Pole	7		Balsam Fir	Low	Variable	Sapling
Northern White Cedar	50	Pole/Log	9	108	Witch Hazel	Low	Variable	Tall Shrub
White Pine	5	XLog/Log	20		Black Ash	Medium	Variable	Sapling
Paper Birch	10	Pole	6					

68 310 - Herbaceous Openland Nonstocked 2.0 0 Unspecified No Road and shoulder.

69 6117 - Lowland Deciduous, Mixed Coniferous Sapling Poor 6.5 19 Immature N/A Two small habitat strip cuts, which were commercially harvested in 2003. No cedar came back, mostly alder with a mix of other lowland hardwood coming in. Near calling it non forested LO.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	30	Sapling	3	19	Tag Alder	High	10 - 20 feet	Tall Shrub
Red Maple	25	Sapling	3	19				
Paper Birch	25	Sapling	3					
Quaking Aspen	20	Sapling	2					

70 6120 - Lowland Cedar Sawtimber Medium 38.0 112 Unspecified N/A Lowland cedar with, red maple, paper birch mixed in. Variable size classes, with very wet hummucky ground. Open areas of mostly alder present in pockets of the stand. Thick with blowdown throughout.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	5	Pole	7		Tag Alder	Medium	Variable	Tall Shrub
Red Maple	20	Log/Pole	10		Red Maple	Low	Variable	Sapling
Northern White Cedar	55	Log/Pole	10	112	Black Ash	Low	Variable	Sapling
Paper Birch	20	Pole	7		Balsam Fir	Low	Variable	Pole

71 4130 - Aspen Poletimber Medium 2.2 39 Unspecified N/A Recently purchases by MDOT then transferred to MDNR. Land was purchase by MDOT for wetland mitigation project. Small block of aspen. Nearly too small to map.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	100	Pole/Log	9	39



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																															
72	6119 - Mixed Lowland Deciduous Forest	Poletimber Poor	20.3	75	1-50	N/A	Lowland E type with all ash having been dead for over decade stand has turned into more of a lowland shrub type. Very wet and thick with blowdown everywhere. Stand will be in a perpetual pole/ sap stage as it appear area is too wet to support larger stems.																																															
<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 Ash</td> <td>25</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Northern White Cedar</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>6</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>30</td> <td>Pole/Sap/Log</td> <td>8</td> <td>75</td> </tr> <tr> <td>Quaking Aspen</td> <td>20</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Pole</td> <td>5</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Ash	25	Pole	6		Northern White Cedar	5	Pole	5		Paper Birch	10	Pole	6		Red Maple	30	Pole/Sap/Log	8	75	Quaking Aspen	20	Pole	7		Balsam Fir	10	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>Tag Alder</td> <td>High</td> <td>Variable</td> <td>Tall Shrub</td> </tr> <tr> <td>Willow spp.</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	High	Variable	Tall Shrub	Willow spp.	Medium	Variable	Sapling				
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Black Ash	25	Pole	6																																																			
Northern White Cedar	5	Pole	5																																																			
Paper Birch	10	Pole	6																																																			
Red Maple	30	Pole/Sap/Log	8	75																																																		
Quaking Aspen	20	Pole	7																																																			
Balsam Fir	10	Pole	5																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																			
Tag Alder	High	Variable	Tall Shrub																																																			
Willow spp.	Medium	Variable	Sapling																																																			
74	3102 - Grass	Nonstocked	0.6				Well Site																																															
76	622 - Lowland Shrub	Nonstocked	56.0			No	Part of the National Nature Landmark called the "Dead Stream Swamp" designated in 1976.(SCA)																																															
77	622 - Lowland Shrub	Nonstocked	90.0		Unspecified	No	Part of the National Nature Landmark called the "Dead Stream Swamp" designated in 1976. Large lowland shrub complex few trees scattered but nothing large enough to map.																																															
80	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Well	21.0	113	Unspecified	N/A	Lowland mix of cedar, red maple, spruce, fir. Variable size classes. With small areas of more upland maple and spruce. Couple legacy white pine scattered in stand as well. Edge call did not get to all these pockets in middle of deadstream swamp.																																															
<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>7</td> <td></td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>XLog/Log</td> <td>20</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>35</td> <td>Log/Pole</td> <td>10</td> <td>113</td> </tr> <tr> <td>Red Maple</td> <td>26</td> <td>Pole/Log/Sap</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	20	Pole	7		White Pine	5	XLog/Log	20		Northern White Cedar	35	Log/Pole	10	113	Red Maple	26	Pole/Log/Sap	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>Tag Alder</td> <td>Medium</td> <td>Variable</td> <td>Tall Shrub</td> </tr> <tr> <td>Black Ash</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>Red Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	Variable	Tall Shrub	Black Ash	Medium	Variable	Sapling	Balsam Fir	Medium	Variable	Sapling	Red Maple	Low	Variable	Sapling						
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Black Spruce	20	Pole	7																																																			
White Pine	5	XLog/Log	20																																																			
Northern White Cedar	35	Log/Pole	10	113																																																		
Red Maple	26	Pole/Log/Sap	8																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																			
Tag Alder	Medium	Variable	Tall Shrub																																																			
Black Ash	Medium	Variable	Sapling																																																			
Balsam Fir	Medium	Variable	Sapling																																																			
Red Maple	Low	Variable	Sapling																																																			
82	4130 - Aspen	Poletimber Well	9.3	27	Unspecified	N/A	Stand was final harvested in 1994 as part of "Burns Aspen" Regenerated well back to mostly aspen. A little lowland character in west end of stand. Small red pine pocket too small to map in south end.																																															
<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>88</td> <td>Pole</td> <td>5</td> <td>27</td> </tr> <tr> <td>Red Pine</td> <td>2</td> <td>Log</td> <td>11</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	88	Pole	5	27	Red Pine	2	Log	11		Red Maple	10	Pole/Sapling	5																																		
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Quaking Aspen	88	Pole	5	27																																																		
Red Pine	2	Log	11																																																			
Red Maple	10	Pole/Sapling	5																																																			
84	330 - Low-Density Trees	Nonstocked	3.1			No	Open area, which includes oil well site on the north edge of stand.																																															
86	3102 - Grass	Nonstocked	1.0				Well Site																																															
87	622 - Lowland Shrub	Nonstocked	12.0			No																																																



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																
88	4199 - Other Mixed Upland Deciduous	Poletimber Medium	1.8	65	1-50	N/A	Small open stand of variable size oak, red maple, and aspen. Open pockets are filling in with white pine and aspen saps.																																																
		<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>10</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>25</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>35</td> <td>Pole/Log</td> <td>9</td> <td>65</td> </tr> <tr> <td>Red Oak</td> <td>30</td> <td>Log/Pole</td> <td>10</td> <td>65</td> </tr> </tbody> </table>			Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	10	Pole/Log	9		Quaking Aspen	25	Log/Pole	11		Red Maple	35	Pole/Log	9	65	Red Oak	30	Log/Pole	10	65	<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>Variable</td> <td>Sapling</td> </tr> <tr> <td>Quaking Aspen</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Jack Pine</td> <td>Low</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>Red Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	Variable	Sapling	Quaking Aspen	Low	< 5 feet	Sapling	Jack Pine	Low	< 5 feet	Sapling	White Pine	Medium	< 5 feet	Sapling	Red Pine	Low	Variable	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																			
Jack Pine	10	Pole/Log	9																																																				
Quaking Aspen	25	Log/Pole	11																																																				
Red Maple	35	Pole/Log	9	65																																																			
Red Oak	30	Log/Pole	10	65																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																				
Red Maple	Low	Variable	Sapling																																																				
Quaking Aspen	Low	< 5 feet	Sapling																																																				
Jack Pine	Low	< 5 feet	Sapling																																																				
White Pine	Medium	< 5 feet	Sapling																																																				
Red Pine	Low	Variable	Sapling																																																				
89	3102 - Grass	Nonstocked	1.4				Well Site																																																
90	4131 - Aspen, Oak	Sapling Well	17.0	6	Immature	N/A	Stand was final harvested in 2016, with oak competent was left and oil company was worked with as a result of above ground lines. LO to south was also buffered. Resulted in two aged stand of oak over aspen regen. Oak relative poor quality like much of timber in this area.																																																
		<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>11</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>28</td> <td>Log/Pole/XLog</td> <td>11</td> <td>85</td> </tr> <tr> <td>Quaking Aspen</td> <td>56</td> <td>Sapling</td> <td>1</td> <td>6</td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table>			Canopy Species	% Cover	Size Class	DBH	Age	Black Cherry	11	Sapling	1		Red Oak	28	Log/Pole/XLog	11	85	Quaking Aspen	56	Sapling	1	6	Red Maple	5	Sapling	1																											
Canopy Species	% Cover	Size Class	DBH	Age																																																			
Black Cherry	11	Sapling	1																																																				
Red Oak	28	Log/Pole/XLog	11	85																																																			
Quaking Aspen	56	Sapling	1	6																																																			
Red Maple	5	Sapling	1																																																				
91	4130 - Aspen	Poletimber Well	49.0	36	Unspecified	N/A	Stand was final harvested in 1985 as part of "Woodcock Sale" Aspen has came back well, stand in pole size class. A small pocket of red pine is present on the far west edge. Some lowland character on edges. although still upland compared to really wet surroundings.																																																
		<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>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>87</td> <td>Pole</td> <td>7</td> <td>36</td> </tr> <tr> <td>Red Pine</td> <td>2</td> <td>Log</td> <td>11</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>1</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> </tbody> </table>			Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	10	Pole	6		Quaking Aspen	87	Pole	7	36	Red Pine	2	Log	11		Red Oak	1	Log/Pole	12																											
Canopy Species	% Cover	Size Class	DBH	Age																																																			
Red Maple	10	Pole	6																																																				
Quaking Aspen	87	Pole	7	36																																																			
Red Pine	2	Log	11																																																				
Red Oak	1	Log/Pole	12																																																				
92	4130 - Aspen	Sapling Well	14.2	16	Unspecified	N/A	Stand was final harvested in 2006 as part of "Hayfield Mix" sale. Stand has came back to aspen. Aspen a little sparse. A few pockets of log red pine scattered in the north and south end of stand(Too small to be own stand)																																																
		<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>11</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>85</td> <td>Sapling</td> <td>3</td> <td>16</td> </tr> <tr> <td>Red Pine</td> <td>4</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table>			Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	11	Sapling	3		Quaking Aspen	85	Sapling	3	16	Red Pine	4	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>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Low	5 - 10 feet	Tall Shrub																					
Canopy Species	% Cover	Size Class	DBH	Age																																																			
Red Maple	11	Sapling	3																																																				
Quaking Aspen	85	Sapling	3	16																																																			
Red Pine	4	Log/Pole	10																																																				
Sub-Canopy Species	Density	Avg. Height	Size																																																				
Tag Alder	Low	5 - 10 feet	Tall Shrub																																																				
93	622 - Lowland Shrub	Nonstocked	13.4			No	Hay marsh runs through stand.																																																



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																	
95	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	231.0	97	Unspecified	N/A	Lowland mix of tamarack, cedar, spruce, fir, red maple. Very wet diverse site, with open pockets of alder. Part of the National Nature Landmark called the "Dead Stream Swamp" designated in 1976.(SCA) Windthrow prevalent.																																																																	
<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>2</td><td>Log/Pole</td><td>10</td><td></td></tr> <tr><td>Red Maple</td><td>5</td><td>Pole</td><td>7</td><td></td></tr> <tr><td>Paper Birch</td><td>5</td><td>Pole</td><td>7</td><td></td></tr> <tr><td>Balsam Fir</td><td>10</td><td>Pole/Sapling</td><td>5</td><td></td></tr> <tr><td>Black Spruce</td><td>17</td><td>Pole</td><td>6</td><td></td></tr> <tr><td>Northern White Cedar</td><td>30</td><td>Pole/Log/Sap</td><td>7</td><td>97</td></tr> <tr><td>Tamarack</td><td>30</td><td>Pole/Sap/Log</td><td>7</td><td></td></tr> <tr><td>White Pine</td><td>1</td><td>Log/XLog</td><td>13</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Hemlock	2	Log/Pole	10		Red Maple	5	Pole	7		Paper Birch	5	Pole	7		Balsam Fir	10	Pole/Sapling	5		Black Spruce	17	Pole	6		Northern White Cedar	30	Pole/Log/Sap	7	97	Tamarack	30	Pole/Sap/Log	7		White Pine	1	Log/XLog	13		<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>Variable</td><td>Sapling</td></tr> <tr><td>Tag Alder</td><td>Medium</td><td>Variable</td><td>Tall Shrub</td></tr> <tr><td>Red Maple</td><td>Medium</td><td>Variable</td><td>Sapling</td></tr> <tr><td>Black Ash</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> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Willow spp.	Medium	Variable	Sapling	Tag Alder	Medium	Variable	Tall Shrub	Red Maple	Medium	Variable	Sapling	Black Ash	Medium	Variable	Sapling	Balsam Fir	Medium	Variable	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																																				
Hemlock	2	Log/Pole	10																																																																					
Red Maple	5	Pole	7																																																																					
Paper Birch	5	Pole	7																																																																					
Balsam Fir	10	Pole/Sapling	5																																																																					
Black Spruce	17	Pole	6																																																																					
Northern White Cedar	30	Pole/Log/Sap	7	97																																																																				
Tamarack	30	Pole/Sap/Log	7																																																																					
White Pine	1	Log/XLog	13																																																																					
Sub-Canopy Species	Density	Avg. Height	Size																																																																					
Willow spp.	Medium	Variable	Sapling																																																																					
Tag Alder	Medium	Variable	Tall Shrub																																																																					
Red Maple	Medium	Variable	Sapling																																																																					
Black Ash	Medium	Variable	Sapling																																																																					
Balsam Fir	Medium	Variable	Sapling																																																																					
96	4130 - Aspen	Sapling Well	15.7	16	Unspecified	N/A	Stand was final harvested in 2006 as part of "Hayfield Mix" sale. Stand has regenerated back to mostly aspen. Stand has come back sparse in spots, although overall a fairly well stocked aspen stand. Oil well activity borders stand. North east tip of stand was not included in 2006 harvest put merged as too small to map on its own.																																																																	
<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>10</td><td>Sapling</td><td>3</td><td></td></tr> <tr><td>White Pine</td><td>5</td><td>Pole/Sapling</td><td>5</td><td></td></tr> <tr><td>Red Oak</td><td>5</td><td>Sapling</td><td>3</td><td></td></tr> <tr><td>Red Pine</td><td>5</td><td>Sapling/Pole</td><td>4</td><td></td></tr> <tr><td>Quaking Aspen</td><td>75</td><td>Sapling</td><td>3</td><td>16</td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	10	Sapling	3		White Pine	5	Pole/Sapling	5		Red Oak	5	Sapling	3		Red Pine	5	Sapling/Pole	4		Quaking Aspen	75	Sapling	3	16																																									
Canopy Species	% Cover	Size Class	DBH	Age																																																																				
Red Maple	10	Sapling	3																																																																					
White Pine	5	Pole/Sapling	5																																																																					
Red Oak	5	Sapling	3																																																																					
Red Pine	5	Sapling/Pole	4																																																																					
Quaking Aspen	75	Sapling	3	16																																																																				
97	3102 - Grass	Nonstocked	1.2				Well Site																																																																	
98	622 - Lowland Shrub	Nonstocked	9.6			No																																																																		
99	3102 - Grass	Nonstocked	0.7				Well Site																																																																	
100	42110 - Planted Red Pine	Sawtimber Well	1.0	74	111-140	N/A	Two very small isolated islands of what appear to be natural log red pine, but was likely planted. Good quality stems.																																																																	
<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 Pine</td><td>100</td><td>Log/Pole</td><td>13</td><td>74</td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	100	Log/Pole	13	74																																																													
Canopy Species	% Cover	Size Class	DBH	Age																																																																				
Red Pine	100	Log/Pole	13	74																																																																				
101	42290 - Natural Mixed Pine	Sawtimber Well	4.4	70	81-110	N/A	Variable white pine stand, with a mix of aspen, red pine and spruce. Variable stocking with some open wetter pockets within stand. Appears natural. Hummocky ground along edges.																																																																	
<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>5</td><td>Log/Pole</td><td>10</td><td></td></tr> <tr><td>White Spruce</td><td>10</td><td>Pole</td><td>8</td><td></td></tr> <tr><td>Tamarack</td><td>10</td><td>Pole</td><td>7</td><td></td></tr> <tr><td>White Pine</td><td>55</td><td>Log/Pole</td><td>11</td><td>70</td></tr> <tr><td>Red Pine</td><td>10</td><td>Pole/Log</td><td>10</td><td></td></tr> <tr><td>Red Maple</td><td>5</td><td>Log/Pole</td><td>11</td><td></td></tr> <tr><td>Paper Birch</td><td>5</td><td>Pole/Log</td><td>9</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	5	Log/Pole	10		White Spruce	10	Pole	8		Tamarack	10	Pole	7		White Pine	55	Log/Pole	11	70	Red Pine	10	Pole/Log	10		Red Maple	5	Log/Pole	11		Paper Birch	5	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>Red Maple</td><td>Low</td><td>Variable</td><td>Sapling</td></tr> <tr><td>Tag Alder</td><td>Medium</td><td>Variable</td><td>Tall Shrub</td></tr> <tr><td>Jack Pine</td><td>Low</td><td>5 - 10 feet</td><td>Sapling</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	Variable	Sapling	Tag Alder	Medium	Variable	Tall Shrub	Jack Pine	Low	5 - 10 feet	Sapling													
Canopy Species	% Cover	Size Class	DBH	Age																																																																				
Quaking Aspen	5	Log/Pole	10																																																																					
White Spruce	10	Pole	8																																																																					
Tamarack	10	Pole	7																																																																					
White Pine	55	Log/Pole	11	70																																																																				
Red Pine	10	Pole/Log	10																																																																					
Red Maple	5	Log/Pole	11																																																																					
Paper Birch	5	Pole/Log	9																																																																					
Sub-Canopy Species	Density	Avg. Height	Size																																																																					
Red Maple	Low	Variable	Sapling																																																																					
Tag Alder	Medium	Variable	Tall Shrub																																																																					
Jack Pine	Low	5 - 10 feet	Sapling																																																																					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																										
102	6112 - Lowland Aspen	Sapling Medium	7.2	16	Immature	N/A	Stand was final harvested in 2006 as part of "Hayfield Mix" sale. Stand came back sparse to mix of aspen, red maple and alder. Stand will be fairly open in spots, with alder filling in the wetter pockets. Flooded site, which will not produce higher quality aspen. Stand water at times throughout stand.																																																										
<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>39</td> <td>Sapling</td> <td>3</td> <td>16</td> </tr> <tr> <td>Quaking Aspen</td> <td>61</td> <td>Sapling</td> <td>3</td> <td>16</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	39	Sapling	3	16	Quaking Aspen	61	Sapling	3	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>Alder</td> <td>Medium</td> <td>Variable</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Alder	Medium	Variable	Tall Shrub																																						
Canopy Species	% Cover	Size Class	DBH	Age																																																													
Red Maple	39	Sapling	3	16																																																													
Quaking Aspen	61	Sapling	3	16																																																													
Sub-Canopy Species	Density	Avg. Height	Size																																																														
Alder	Medium	Variable	Tall Shrub																																																														
103	622 - Lowland Shrub	Nonstocked	20.0		Unspecified	No	Lowland shrub dominated by alder. A few scattered trees, nothing put large enough to map out.																																																										
104	622 - Lowland Shrub	Nonstocked	64.0			No	Part of the National Nature Landmark called the "Dead Stream Swamp" designated in 1976.(SCA)																																																										
105	4133 - Aspen, Mixed Pine	Poletimber Well	9.6	27	Immature	N/A	Stand was final harvested in 1994 as part of "Burns Aspen". All red pine was left (concentrated in north end of stand)Stand has come back patchy with mostly aspen. Stand is upland compared to surroundings, although it has some lowland character. Particularly we on north end.																																																										
<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>5</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>5</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>5</td> <td>Sapling</td> <td>4</td> <td></td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>White Spruce</td> <td>5</td> <td>Sapling/Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>10</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>55</td> <td>Pole/Sapling</td> <td>5</td> <td>27</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Paper Birch	5	Sapling/Pole	4		Red Maple	10	Pole/Sapling	5		Red Pine	5	Log	14		Red Pine	5	Sapling	4		White Pine	5	Pole/Sapling	5		White Spruce	5	Sapling/Pole	5		Jack Pine	10	Pole/Sapling	5		Quaking Aspen	55	Pole/Sapling	5	27	<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>Variable</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	Variable	Sapling	Tag Alder	Low	5 - 10 feet	Tall Shrub	Red Pine	Low	Variable	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																													
Paper Birch	5	Sapling/Pole	4																																																														
Red Maple	10	Pole/Sapling	5																																																														
Red Pine	5	Log	14																																																														
Red Pine	5	Sapling	4																																																														
White Pine	5	Pole/Sapling	5																																																														
White Spruce	5	Sapling/Pole	5																																																														
Jack Pine	10	Pole/Sapling	5																																																														
Quaking Aspen	55	Pole/Sapling	5	27																																																													
Sub-Canopy Species	Density	Avg. Height	Size																																																														
White Pine	Low	Variable	Sapling																																																														
Tag Alder	Low	5 - 10 feet	Tall Shrub																																																														
Red Pine	Low	Variable	Sapling																																																														
106	42210 - Natural Red Pine	Sawtimber Medium	3.5	75	51-80	N/A	Very sparse log red pine, with scattered aspen filling in. Open stand with lowland character in spots. Appears natural, no planting records found.																																																										
<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>4</td> <td>Log</td> <td>11</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>60</td> <td>Log</td> <td>14</td> <td>75</td> </tr> <tr> <td>Red Maple</td> <td>8</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>28</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Jack Pine	4	Log	11		Red Pine	60	Log	14	75	Red Maple	8	Pole/Log	9		Quaking Aspen	28	Log/Pole	11																																							
Canopy Species	% Cover	Size Class	DBH	Age																																																													
Jack Pine	4	Log	11																																																														
Red Pine	60	Log	14	75																																																													
Red Maple	8	Pole/Log	9																																																														
Quaking Aspen	28	Log/Pole	11																																																														
108	310 - Herbaceous Openland	Nonstocked	0.4				Well Site																																																										
109	310 - Herbaceous Openland	Nonstocked	2.5		Unspecified		Well Site activity throughout.																																																										
110	310 - Herbaceous Openland	Nonstocked	0.9				Well Site .																																																										
111	330 - Low-Density Trees	Nonstocked	0.4				Well Site																																																										
112	310 - Herbaceous Openland	Nonstocked	0.7				Open area, which includes oil well site on the north edge of stand.																																																										



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																			
114	310 - Herbaceous Openland	Nonstocked	0.5	0			Well site																																			
115	310 - Herbaceous Openland	Nonstocked	0.6	0			Well site																																			
116	310 - Herbaceous Openland	Nonstocked	0.5	0	Unspecified		Well site																																			
117	310 - Herbaceous Openland	Nonstocked	0.4	0			Well site																																			
118	4111 - S.Maple, Hard Mast Association	Sawtimber Well	8.4	95	111-140	N/A	This is current MDOT land that was purchased as a wetland mitigation. Plans in near future to turn over to DNR for management. Nice hardwood for this area, also has home on property at time of inventory, MDOT plans to remove once transaction is completed to DNR.																																			
<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>Sugar Maple</td> <td>60</td> <td>Log</td> <td>15</td> <td>95</td> </tr> <tr> <td>Beech</td> <td>15</td> <td>Log/XLog</td> <td>17</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>5</td> <td>Log</td> <td>10</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>2</td> <td>Log</td> <td>13</td> <td></td> </tr> <tr> <td>Basswood</td> <td>10</td> <td>XLog/Log</td> <td>18</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>8</td> <td>Log</td> <td>13</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	60	Log	15	95	Beech	15	Log/XLog	17		Bigtooth Aspen	5	Log	10		Red Pine	2	Log	13		Basswood	10	XLog/Log	18		Red Maple	8	Log	13	
Canopy Species	% Cover	Size Class	DBH	Age																																						
Sugar Maple	60	Log	15	95																																						
Beech	15	Log/XLog	17																																							
Bigtooth Aspen	5	Log	10																																							
Red Pine	2	Log	13																																							
Basswood	10	XLog/Log	18																																							
Red Maple	8	Log	13																																							
120	4119 - Mixed Northern Hardwoods	Poletimber Well	12.2	35	1-50	N/A	This is current MDOT land that was purchased as a wetland mitigation. Plans in near future to turn over to DNR for management.																																			
<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 Oak</td> <td>15</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Log/Pole</td> <td>13</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>10</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>60</td> <td>Pole</td> <td>6</td> <td>35</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Oak	15	Log/Pole	12		White Pine	5	Log/Pole	13		Quaking Aspen	10	Pole	6		Black Cherry	10	Pole	7		Red Maple	60	Pole	6	35					
Canopy Species	% Cover	Size Class	DBH	Age																																						
Red Oak	15	Log/Pole	12																																							
White Pine	5	Log/Pole	13																																							
Quaking Aspen	10	Pole	6																																							
Black Cherry	10	Pole	7																																							
Red Maple	60	Pole	6	35																																						