

Compartment Review Presentation

Gaylord Forest Management Unit

Compartment 52133 Entry Year 2025 Acreage: 1,554 County Emmet Management Area: Huron Sandy Lake Plain

Stand Examiner: Donald Stacks

Legal Description:

T38N R04W Sections 22, 25, 26, 35, 36.

Identified Planning Goals:

To provide for the protection, integrated management, and responsible use of a healthy, productive, and undiminished forest resource base for the social, recreational, environmental, and economic benefit of the State of Michigan.

Soil and topography:

Mostly Tawas and Carbondale mucks, and East Lake sandy loams on flat topography.

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

Various residential homes and small, family farms are found around the compartment boundary.

Unique Natural Features:

Bald eagle, northern amber bumble bee, creek heelsplitter, and a patterned fen community have been observed within compartment boundary.

Archeological, Historical, and Cultural Features:

None listed.

Special Management Designations or Considerations:

None listed.

Watershed and Fisheries Considerations:

Part of this compartment is in CLMMU, southwest of Paradise Lake. The portion within NLHMU is in the East Branch Maple River watershed, and is part of a large wetland complex contiguous with Douglas Lake. Prescribed management actions are appropriate for protection of this water body. Sherrett Lake and Lost Lake are both located within this compartment. Both of these lakes are small lakes that would be significantly impacted through the loss of riparian vegetation, so the appropriate BMP's should be followed.

Wildlife Habitat Considerations:

This compartment contains mostly lowland habitat associated with the Levering swamp and associated wetlands of creeks draining into Lake Paradise. These lowland complex's support black bear, white-tailed deer, various furbearers and amphibians. One small area of lowland deciduous are going to be treated to provide some early successional habitat that benefits American woodcock, grouse and white-tailed deer.

Mineral Resource and Development Concerns and/or Restrictions

Multiple active sand/gravel mining operations exist in the immediate vicinity. The compartment, however, is predominantly low and wet, and potential for sand & gravel development within the compartment appears low. No known potential exists for oil & gas production from known producing formations in the area, and there is no known potential for metallic minerals in this part of the state.

Vehicle Access:

Access to the north block of the compartment can be obtained from US-31 and several county roads. The larger southern portion of the compartment is surrounded by private property, except on the south side, where there is access from Levering Rd. through state-owned land in the adjacent compartment.

Survey Needs:

None.

Recreational Facilities and Opportunities:

One mile of the Northwestern State Snowmobile Trail runs through section 22. Hunting and fishing opportunities are available.

The Indian River Field Office is located about 28 miles to the SE. The Carp Lake VFD is located about 1 mile to the north.

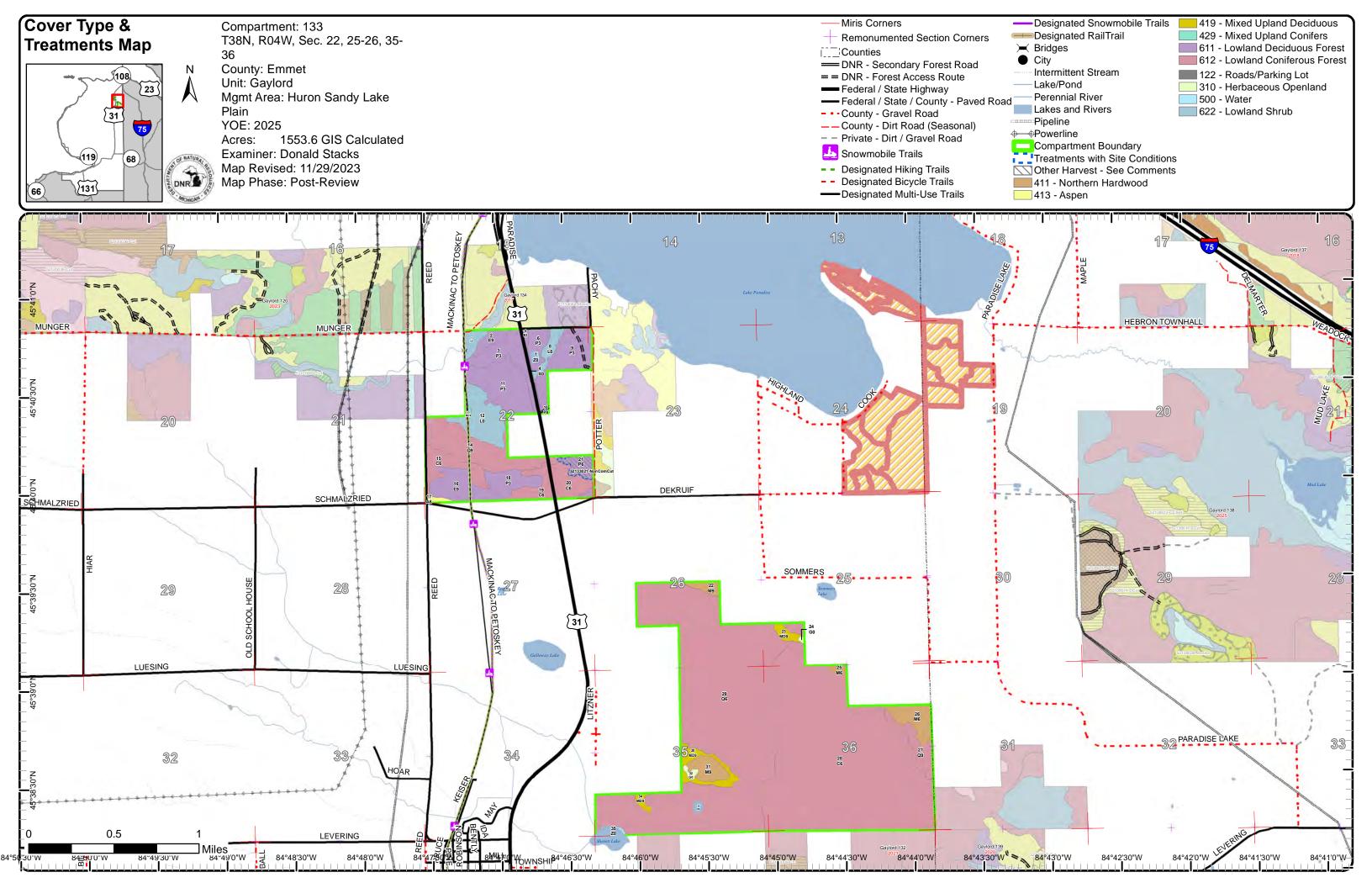
Additional Compartment Information:

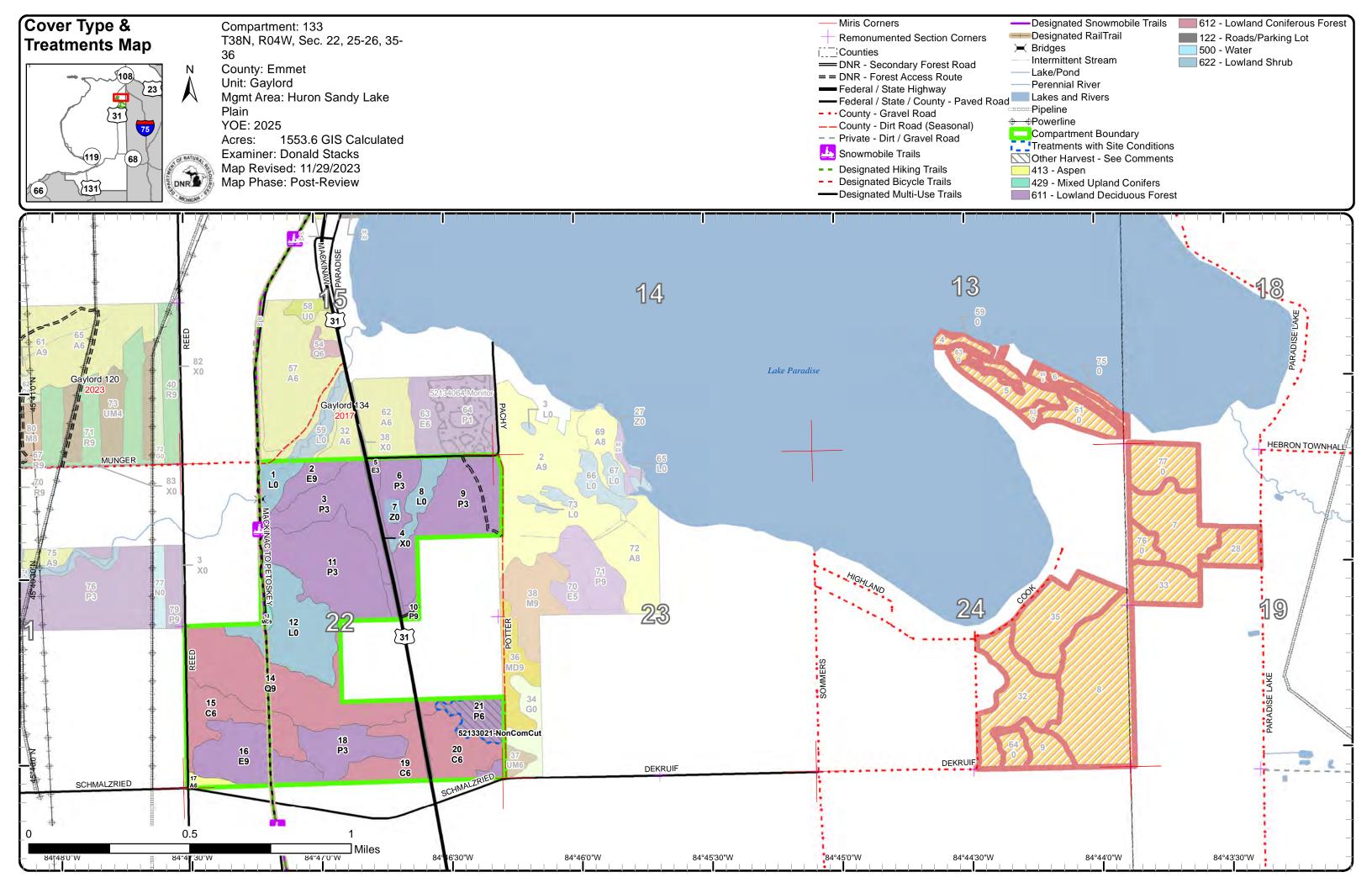
The southern block of Compartment 133 is locally known as the Levering Swamp, a very dense conifer swamp. The northern portion of the compartment is also mostly made up of poorly drained soils.

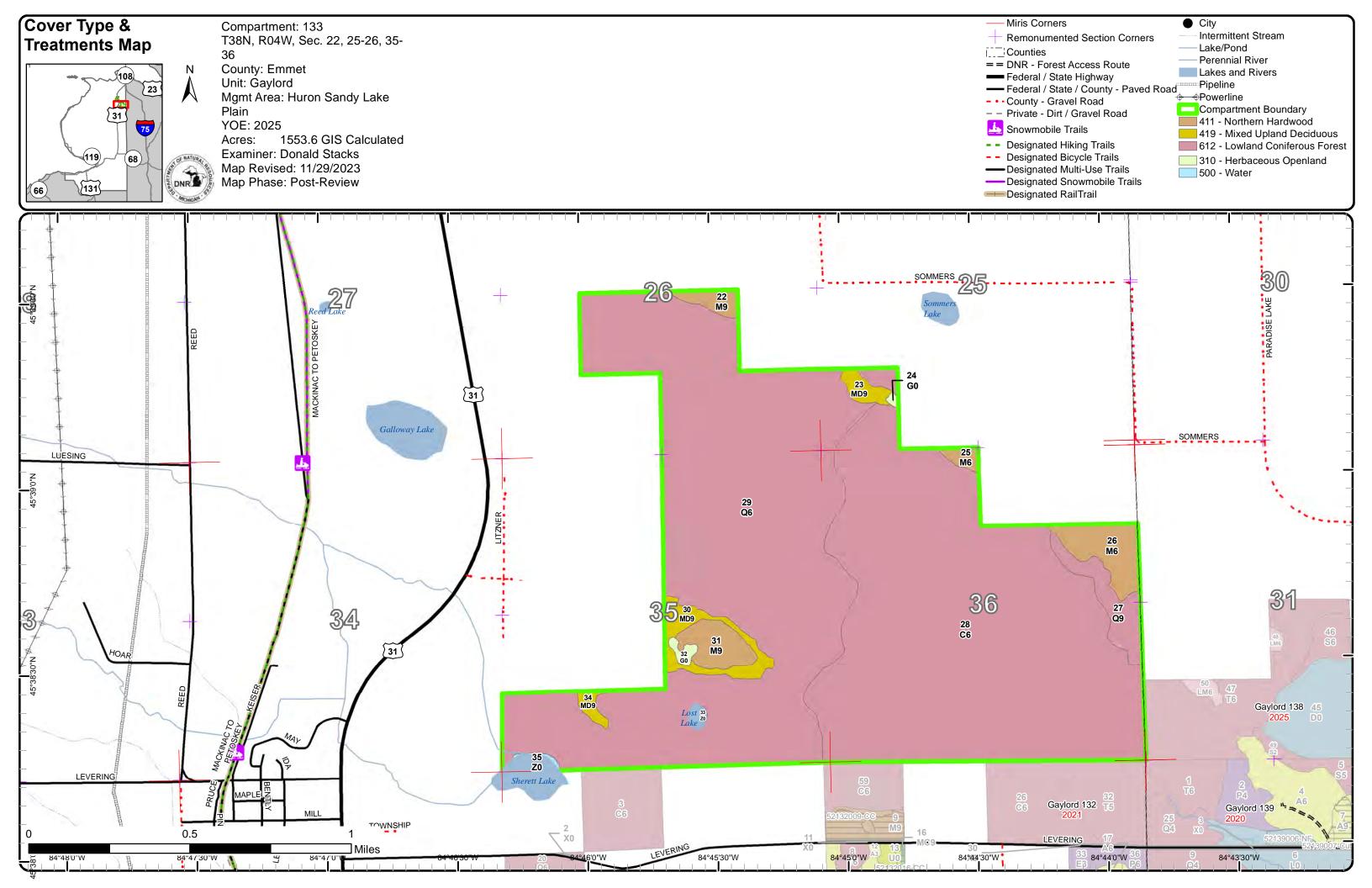
The following reports from the Inventory are attached:

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







Stand Boundary Miris Corners Compartment: 133 Remonumented Section Corn Мар T38N, R04W, Sec. 22, 25-26, 35-Counties 36 Counties
 DNR - Secondary Forest Road
 = DNR - Forest Access Route
 Federal / State Highway
 Federal / State / County - Pave
 County - Gravel Road
 County - Dirt Road (Seasonal)
 Private - Dirt / Gravel Road County: Emmet Ν 108 Unit: Gaylord 23 \wedge Mgmt Area: Huron Sandy Lake at I 31 Plain YOE: 2025 75 Acres: 1553.6 GIS Calculated Snowmobile Trails Examiner: Donald Stacks 119) (68) Map Revised: 11/29/2023 Map Phase: Post-Review Designated Hiking Trails
 Designated Bicycle Trails
 Designated Multi-Use Trails DNR 131 (66) 56 X0 13 14 Lake Paradise 6112-P 76 P3 24 2318 21 HMALZRIED 0.5 1 Miles

A ALL ROOM

	Designated Snowmobile Trails	122 - Roads/Parking Lot
ners	Designated RailTrail	500 - Water
	🛏 Bridges	622 - Lowland Shrub
ad	Intermittent Stream	
20	Lake/Pond	
	Perennial River	
ved Roa	d Lakes and Rivers	
vou nou	Pipeline	
l)	<u> </u>	
,	Compartment Boundary	
	Stand Boundaries	
	413 - Aspen	
	429 - Mixed Upland Conifers	
	611 - Lowland Deciduous Forest	
	612 - Lowland Coniferous Forest	



Stand Boundary Мар

119)

131

(66)

Ν

DNR

23

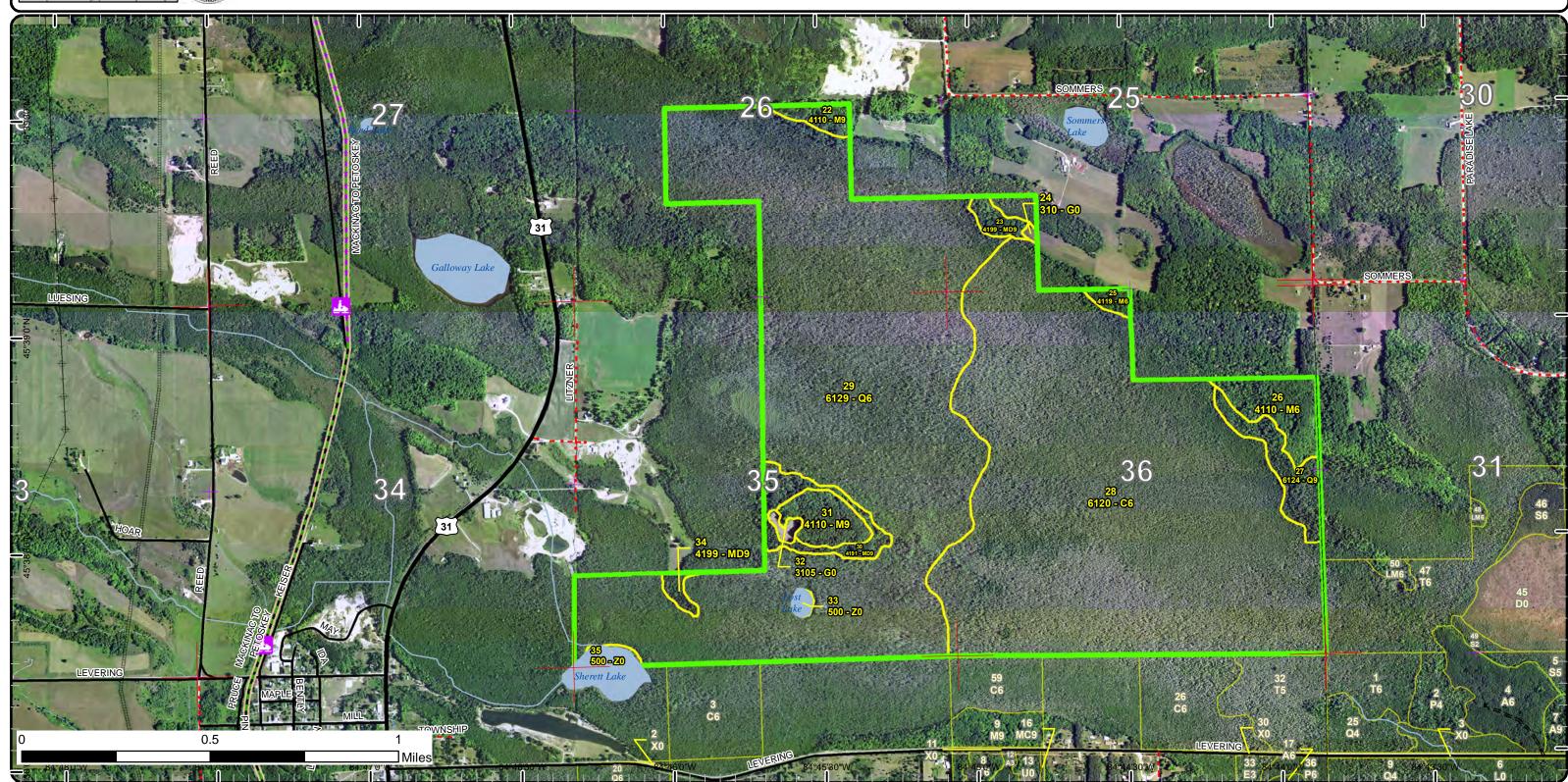
75

(68)

∑ 231 {

Compartment: 133 T38N, R04W, Sec. 22, 25-26, 35-36 County: Emmet Unit: Gaylord Mgmt Area: Huron Sandy Lake Plain YOE: 2025 Acres: 1553.6 GIS Calculated Examiner: Donald Stacks Map Revised: 11/29/2023 Map Phase: Post-Review



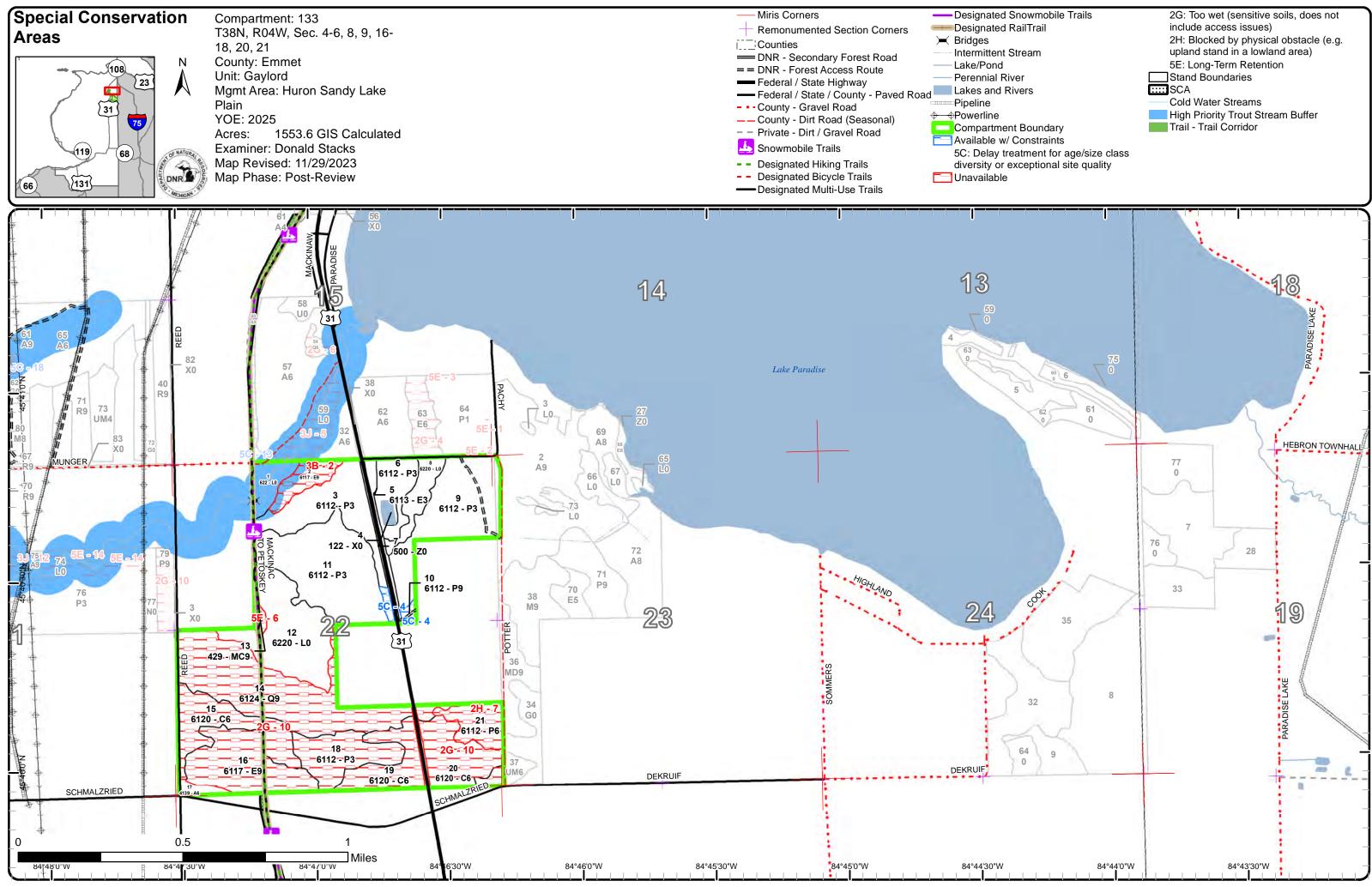


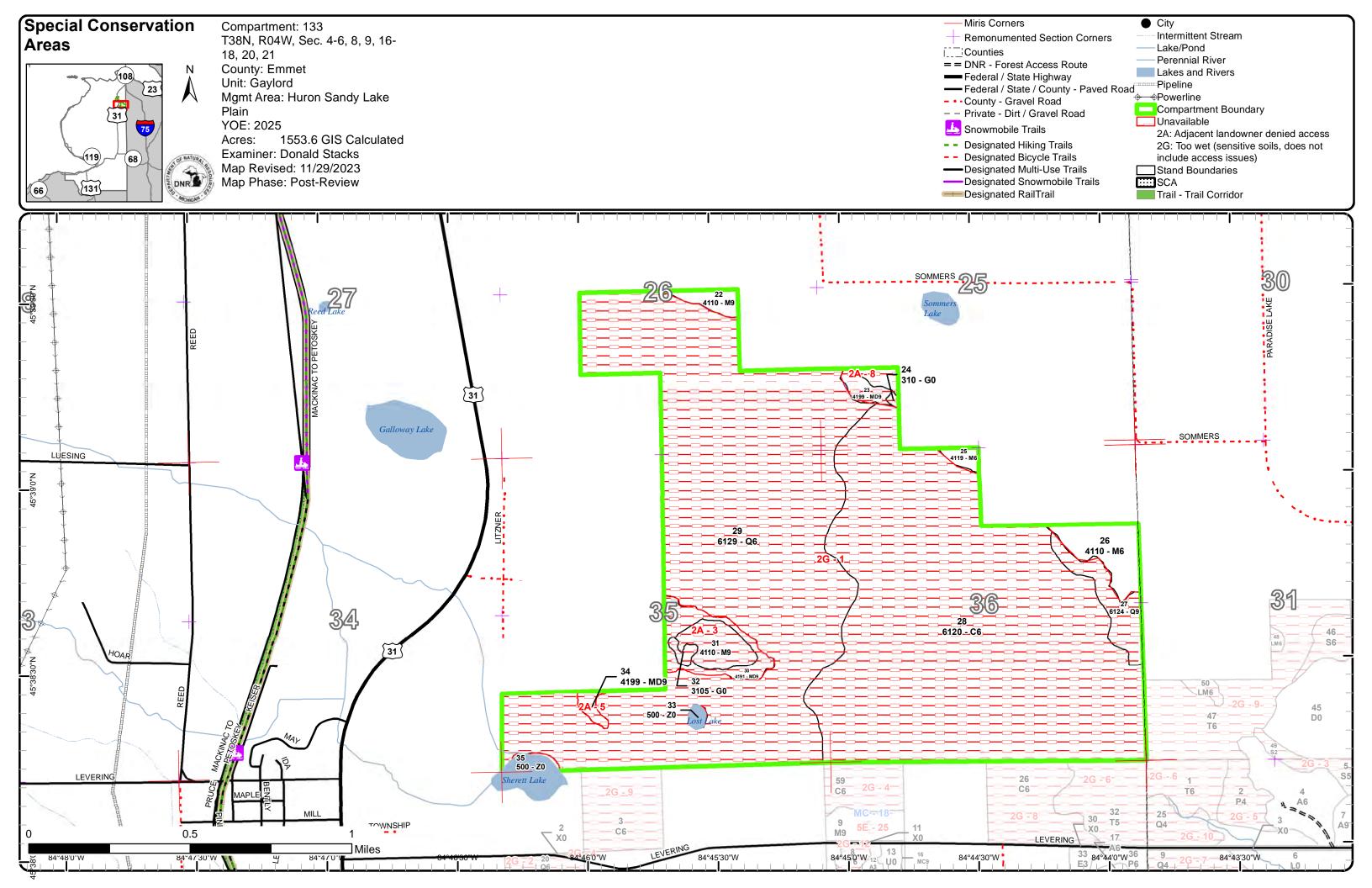


- **Remonumented Section Corners** Counties
- = = DNR Forest Access Route
- Federal / State Highway
 Federal / State / County Paved Road
 County Gravel Road
- -- Private Dirt / Gravel Road
- Snowmobile Trails
- Designated Hiking Trails
 Designated Bicycle Trails
 Designated Multi-Use Trails
 Designated Snowmobile Trails
- Designated RailTrail

City

- Intermittent Stream
- Lake/Pond
- Perennial River Lakes and Rivers
- Pipeline
- Powerline
- Compartment Boundary
- 411 Northern Hardwood
- 419 Mixed Upland Deciduous
- 612 Lowland Coniferous Forest
- 310 Herbaceous Openland
- 500 Water





Donald Stacks : Examiner

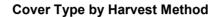


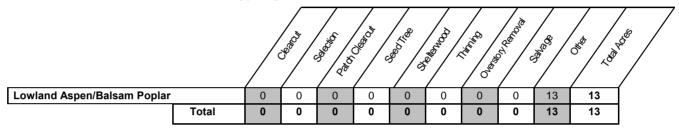


Age Class

		KOB C	83 / x	2.5 ×		3		3 8	\$ \$	R S	\$ } }	8	7.0°		£7.5	87 J	200 - 21 21	ž s	AND LOO
Aspen	/ * *		0		0		3		0		0						0		3
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	481	0	67	0	0	0	548
Herbaceous Openland	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Lowland Aspen/Balsam Poplar	0	0	0	57	76	30	0	0	18	0	0	0	0	0	0	0	0	0	180
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	88	0	528	0	0	0	0	0	616
Lowland Deciduous	0	0	0	0	0	4	0	0	0	33	9	0	0	0	0	0	0	0	46
Lowland Shrub	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62
Mixed Upland Deciduous	0	0	0	0	0	0	0	10	0	17	0	0	0	0	0	0	0	0	27
Northern Hardwood	0	0	0	0	0	0	0	0	0	28	16	0	8	0	0	0	0	0	52
Upland Conifers	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
Urban	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Water	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Total	81	0	0	57	76	34	3	10	18	78	113	2	1017	0	67	0	0	0	1554

MICHIGAN	Gaylord Mgt. Unit		Compartment 133
	Year of Entry: 2025	Acres of Harvest	Total Compartment Acres: 1,554
		Commercial Harvest -	
		Harvests with Site Condition - 0	
		Next Step Harvest - 0	
		Habitat Cut - 13	





Proposed and Next Step Treatments by Method

			Contraction (Contraction)	Contraction of the second	in o	and a start of the	in contraction	A. C.	Silin Siling	OSCO LOS	40 / 20	S. S
Current		13	0	0	0	0	0	0	0	0	13	
Next Step		0	0	0	0	0	0	13	0	0	13	
	Total	13	0	0	0	0	0	13	0	0	25]

		Gaylor	d Mgt. Unit		Repor	rt3 ˈ	Treatments		Compartme	nt: 133	NI OF NATURAL PRO
S									Year of Ent	ry: 2025	DNR B
t											10 5
а											MICHIGAN
n	Treatment	Acres	Stand	Size	Stand	BA	Treatment	Treatment	Cover Type	Age	Habitat
d	Name		CoverType	Density	Age	Range	Туре	Method	Objective	Structure	Cut

Approved Treatments:

21	52133021- NonComCut	12.7	6112 - Lowland Aspen	Poletimber Well	75	81-110	Harvest	Other - Specify	612 - Lowland Coniferous Forest	Even-Aged	Yes
Pres Spec		mercial	habitat improveme	nt harvest. M	lost lil	kely hand	felling due to w	et soil conditions an	d poor access.		
	<u>Step</u> Monitorin tments:	g, Natu	ral Regen (Intermed	diate)							
Acce Reg		owland	forest species.								
<u>Othe</u> Com	er WD spon Iment:	sored.									
	Condition Block	,	bstacle								
	osed Start Date.	10/1/20	J24								

Total Treatment 12.7 Acreage Proposed:

at Upit

Gaylord Mgt. Unit

Donald Stacks : Examiner

Compartment: 133 Year of Entry: 2025

Availability for Management

Total	Acres	Acres Avail	Acres	Do	mina	nt Site	e Conc	dition	s	
Acres	Available	With Condition	Not Available		5C	2A	2G	2H	3B	5E
3	3	0	0	Aspen						
548	0	0	548	Cedar		0	548			
3	0	0	3	Herbaceous Openland		3	0			
177	137	3	37	Lowland Aspen/Balsam Poplar	3		25	12		
616	1	0	615	Lowland Conifers		5	611			
46	4	0	42	Lowland Deciduous			33		9	
61	61	0	0	Lowland Shrub						
27	0	0	27	Mixed Upland Deciduous		27	0			
52	35	0	17	Northern Hardwood		16	0			
2	0	0	2	Upland Conifers						2
7	7	0	0	Urban						
9	8	0	0	Water			0			
1,551	256	3	1,291	Total Forested Acres	3	51	1,217	12	9	2
	17%	0%	83%	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.	e Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1,025	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
2	Unavailable	3B: Threatened, endangered, and special concern species	9	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
	Comments:						

Report 4 – Site Conditions

Compartment: 133

Donald Stacks : Examiner

Gaylord Mgt. Unit

Year of Entry: 2025

3	Unavailable	2A: Adjacent landowner denied access	36	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
4	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
5	Unavailable	2A: Adjacent landowner denied access	4	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
6	Unavailable	5E: Long-Term Retention	2	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
	Comments:						
7	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	13	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Needs significant a	access road improvement.					
8	Unavailable	2A: Adjacent landowner denied access	11	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

		aylord Mgt. Unit stacks : Examiner		Report 4 – Site Coı	nditions	Compartment: 13 Year of Entry: 20	
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	192	Unspecified	Unspecified	Unspecified	Unspecified
C	comments:						



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.

Conservatior Area	п Туре	Description	ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen co stocked trout populations and those of other coldwater fish sp year to year. Coldwater streams in Michigan typically provide contributions of groundwater to their stream flows. Such streat designated as trout resources by Fisheries Order 210.	becies (e.g., slimy sculpin) to persist from these conditions due to substantial
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of streams and open water wetlands, riparian areas harbor a hig communities are ecologically and socially significant in their e as aesthetics, habitat, bank stability, timber production, and the	the unique conditions adjacent to lakes, h diversity of plants and wildlife. Riparian offects on water quality and quantity, as well

Report 7 – Stands



NATUR

DNR

Stan	d Level 4 C	over Type	S	ize De	•	Acres	Stand Age E	•	Managed S		General Comments
1	622 - Lov	wland Shrut)	Nonsto	ocked	9.2	L	Jnspecified	No		Tag alder, red osier dogwood, and other lowland shrubs and marsh grass. Floodplain to the Carp River.
2	6117 - Lowland Con	Deciduous, iiferous	, Mixed Sa	awtimb	er We	ll 9.2	93	51-80	N/A		Stand consists of mostly mature and overmature mixed aspen with lesse amounts of red maple, balsam fir, and paper birch poletimber/sawtimber.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Can	nopy Species	Density	Avg. Height	Size	Stand is adjacent to floodplain of the Carp River to the north. BMP site condition applied. Let stand convert to red maple and balsam fir over
	Quaking Aspen	25	Log/Pole	12	93	Pap	er Birch	Low	5 - 10 feet	Sapling	time to help reduce beaver activity on the Carp River.
	Red Maple	40	Log/Pole	10	93	Та	g Alder	Medium	5 - 10 feet	Tall Shrub	
	Bigtooth Aspen	10	Log/Pole	12		Bals	sam Fir	Medium	10 - 20 feet	Sapling	
	Balsam Fir	20	Pole	8		Rec	d Maple	Medium	>20 feet	Sapling	
3	6112 - Lov	wland Aspe	n S	Saplinę	g Well	29.8	43	51-80	N/A		Stand consists of a mix of quaking aspen, balsam poplar, red maple, paper birch, and balsam fir saplings and small poletimber from 1980 fina
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Can	nopy Species	Density	Avg. Height	Size	harvest, adjacent to US 31, on a wet site. Heavy tag alder component in
	Red Maple	25	Sapling/Pole	4		Tag	g Alder	High	5 - 10 feet	Tall Shrub	understory. Poor growth rates. Possible final harvest again in 20 years,
	Paper Birch	10	Sapling/Pole	4							depending on condition of water table at that time. Harvest during mid- winter or late summer to reduce excessive soil disturbance.
	Quaking Aspen	50	Pole/Sapling	5	43						winter or late summer to reduce excessive soil disturbance.
	Balsam Fir	5	Sapling/Pole	4							
		-	oupling/1 old	4							
	Balsam Poplar	10	Sapling/Pole	4							
4			Sapling/Pole	_	ocked	6.7	L	Inspecified	No		U.S 31.
4	122 - Road	10	Sapling/Pole ot	4 Nonsto Sapling	g Well	6.7	40	Jnspecified 51-80	No N/A		An uncut buffer between the ditch along U.S31 and the aspen final
-	122 - Road	10 d/Parking L wland Mapl	Sapling/Pole ot	4 Nonsto Sapling		4.0		51-80		Size	
•	122 - Road 6113 - Lo	10 d/Parking L wland Mapl	Sapling/Pole ot e S	4 Nonsto Sapling	g Well	4.0 Sub-Can	40	51-80	N/A	Size Tall Shrub	An uncut buffer between the ditch along U.S31 and the aspen final harvest to the east, on very wet ground. Mostly red maple saps and small poletimber. Mostly tag alder in the understory.
-	122 - Road 6113 - Lo Canopy Species	10 d/Parking L wland Mapl % Cover	Sapling/Pole ot e Size Class	4 Nonsto Sapling	g Well I Age	4.0 Sub-Can	40 nopy Species	51-80 Density	N/A Avg. Height		An uncut buffer between the ditch along U.S31 and the aspen final harvest to the east, on very wet ground. Mostly red maple saps and small poletimber. Mostly tag alder in the understory.
•	122 - Road 6113 - Lo Canopy Species Red Maple Paper Birch	d/Parking L wland Mapl % Cover 85	Sapling/Pole ot e Size Class Pole/Sapling Sapling/Pole	4 Nonsto Sapling DBH 5	g Well I Age 40	4.0 Sub-Can	40 nopy Species g Alder	51-80 Density	N/A Avg. Height		An uncut buffer between the ditch along U.S31 and the aspen final harvest to the east, on very wet ground. Mostly red maple saps and small poletimber. Mostly tag alder in the understory.
5	122 - Road 6113 - Lo Canopy Species Red Maple Paper Birch	10 d/Parking L wland Mapl % Cover 85 15 wland Aspe	Sapling/Pole ot e Size Class Pole/Sapling Sapling/Pole	4 Nonsto Sapling 5 4 Sapling	g Well I Age 40	4.0 Sub-Can Taç 13.3	40 nopy Species g Alder	51-80 Density Medium	N/A Avg. Height 5 - 10 feet		An uncut buffer between the ditch along U.S31 and the aspen final harvest to the east, on very wet ground. Mostly red maple saps and small poletimber. Mostly tag alder in the understory. Mixed aspen regen in transition from saps to poletimber from 1996 final harvest, on wet soil. Also red maple and paper birch regen and scattered
5	122 - Road 6113 - Lo Canopy Species Red Maple Paper Birch 6112 - Lou	10 d/Parking L wland Mapl % Cover 85 15 wland Aspe	Sapling/Pole ot e Size Class Pole/Sapling Sapling/Pole	4 Nonsto Sapling 5 4 Sapling	g Well I Age 40 g Well	4.0 Sub-Can Tag 13.3 Sub-Can	40 nopy Species g Alder 27	51-80 Density Medium	N/A Avg. Height 5 - 10 feet N/A	Tall Shrub	An uncut buffer between the ditch along U.S31 and the aspen final harvest to the east, on very wet ground. Mostly red maple saps and small poletimber. Mostly tag alder in the understory. Mixed aspen regen in transition from saps to poletimber from 1996 final harvest, on wet soil. Also red maple and paper birch regen and scattere balsam fir poletimber and saps. Adjacent to US-31 and county road.
5	122 - Road 6113 - Loo Canopy Species Red Maple Paper Birch 6112 - Loo Canopy Species	d/Parking L wland Mapl % Cover 85 15 wland Aspe % Cover	Sapling/Pole ot e Size Class Pole/Sapling Sapling/Pole en Size Class	A Nonsto Sapling DBH Sapling DBH	g Well Age 40 g Well Age	4.0 Sub-Can Tag 13.3 Sub-Can	40 nopy Species g Alder 27 nopy Species	51-80 Density Medium Immature Density	N/A Avg. Height 5 - 10 feet N/A Avg. Height	Tall Shrub	An uncut buffer between the ditch along U.S31 and the aspen final harvest to the east, on very wet ground. Mostly red maple saps and small poletimber. Mostly tag alder in the understory. Mixed aspen regen in transition from saps to poletimber from 1996 final harvest, on wet soil. Also red maple and paper birch regen and scattere balsam fir poletimber and saps. Adjacent to US-31 and county road.
5	122 - Road 6113 - Loo Canopy Species Red Maple Paper Birch 6112 - Loo Canopy Species Bigtooth Aspen	d/Parking L wland Mapl % Cover 85 15 wland Aspe % Cover 40	Sapling/Pole ot e Size Class Pole/Sapling Sapling/Pole m Size Class Sapling/Pole	4 Nonsto Sapling DBH Sapling DBH 4	g Well Age 40 g Well Age	4.0 Sub-Can Tag 13.3 Sub-Can	40 nopy Species g Alder 27 nopy Species	51-80 Density Medium Immature Density	N/A Avg. Height 5 - 10 feet N/A Avg. Height	Tall Shrub	An uncut buffer between the ditch along U.S31 and the aspen final harvest to the east, on very wet ground. Mostly red maple saps and small poletimber. Mostly tag alder in the understory. Mixed aspen regen in transition from saps to poletimber from 1996 final harvest, on wet soil. Also red maple and paper birch regen and scattere balsam fir poletimber and saps. Adjacent to US-31 and county road.
5	122 - Road 6113 - Lo Canopy Species Red Maple Paper Birch 6112 - Lou Canopy Species Bigtooth Aspen Balsam Fir	10 d/Parking L wland Mapl % Cover 85 15 wland Aspe % Cover 40 3	Sapling/Pole ot e Size Class Pole/Sapling Sapling/Pole n Size Class Sapling/Pole Pole/Sapling	4 Nonsta Sapling 5 4 Sapling DBH 4 4	g Well Age 40 9 Well Age 27	4.0 Sub-Can Tag 13.3 Sub-Can	40 nopy Species g Alder 27 nopy Species	51-80 Density Medium Immature Density	N/A Avg. Height 5 - 10 feet N/A Avg. Height	Tall Shrub	An uncut buffer between the ditch along U.S31 and the aspen final harvest to the east, on very wet ground. Mostly red maple saps and small poletimber. Mostly tag alder in the understory. Mixed aspen regen in transition from saps to poletimber from 1996 final harvest, on wet soil. Also red maple and paper birch regen and scattere balsam fir poletimber and saps. Adjacent to US-31 and county road.
5	122 - Road 6113 - Lo Canopy Species Red Maple Paper Birch 6112 - Lou Canopy Species Bigtooth Aspen Balsam Fir Quaking Aspen	10 d/Parking L wland Mapl % Cover 85 15 wland Aspe % Cover 40 3 40	Sapling/Pole ot Size Class Pole/Sapling Sapling/Pole Size Class Sapling/Pole Pole/Sapling Sapling/Pole	4 Nonsta Sapling DBH 5 4 Sapling DBH 4 4 4 4 4	g Well Age 40 9 Well Age 27	4.0 Sub-Can Tag 13.3 Sub-Can	40 nopy Species g Alder 27 nopy Species	51-80 Density Medium Immature Density	N/A Avg. Height 5 - 10 feet N/A Avg. Height	Tall Shrub	An uncut buffer between the ditch along U.S31 and the aspen final harvest to the east, on very wet ground. Mostly red maple saps and small poletimber. Mostly tag alder in the understory. Mixed aspen regen in transition from saps to poletimber from 1996 final harvest, on wet soil. Also red maple and paper birch regen and scattere balsam fir poletimber and saps. Adjacent to US-31 and county road.
5	122 - Road 6113 - Lo Canopy Species Red Maple Paper Birch 6112 - Lou 6112 - Lou 6113 - Lou	10 d/Parking L wland Mapl % Cover 85 15 wland Aspe % Cover 40 3 40 2	Sapling/Pole ot e Size Class Pole/Sapling Sapling/Pole Sapling/Pole Pole/Sapling Sapling/Pole Sapling/Pole Sapling Sapling	A Nonsta DBH 5 4 Sapling DBH 4 4 4 4 3	g Well Age 40 9 Well Age 27 27 27	4.0 Sub-Can Tag 13.3 Sub-Can	40 nopy Species g Alder 27 nopy Species g Alder	51-80 Density Medium Immature Density	N/A Avg. Height 5 - 10 feet N/A Avg. Height	Tall Shrub	An uncut buffer between the ditch along U.S31 and the aspen final harvest to the east, on very wet ground. Mostly red maple saps and small poletimber. Mostly tag alder in the understory. Mixed aspen regen in transition from saps to poletimber from 1996 final harvest, on wet soil. Also red maple and paper birch regen and scattere balsam fir poletimber and saps. Adjacent to US-31 and county road.

Report 7 – Stands



MATUR

DNR

tan	d Level 4 C		S				Stand Age		Managed S				
9	6112 - Lov	wland Aspe	n	Sapling	y Well	43.2	27	Immature	N/A		Mixed aspen regen in transition from saps to poletimber from 1996 fina		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	harvest, on wet soil. Also red maple and paper birch regen and scattered balsam fir poletimber and saps. Adjacent to US-31 and county road.		
	Paper Birch	2	Sapling	3		Та	ag Alder	Low	5 - 10 feet	Tall Shrub			
	Quaking Aspen	40	Sapling/Pole	4	27						-		
	Red Maple	15	Sapling	3									
	Balsam Fir	3	Pole/Sapling	4									
	Bigtooth Aspen	40	Sapling/Pole	4	27								
10	6112 - Lov	wland Aspe	n Sa	awtimb	er Well	3.2	73	81-110	N/A		Stand consists of mixed aspen, red maple, balsam fir, and paper birch		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	poletimber/sawtimber. US - 31 splits this small stand, which serves primarily as a buffer to final harvests in 1989 and 1996. Include this		
	Balsam Fir	10	Pole/Log	10		Pap	oer Birch	Low	10 - 20 feet	Sapling	stand for harvest with the adjacent young aspen stands in about 30 year		
	Quaking Aspen	35	Log/Pole	10		Re	d Maple	Medium	10 - 20 feet	Sapling			
	Bigtooth Aspen	35	Log	14	73	Ba	lsam Fir	Medium	10 - 20 feet	Sapling			
	Paper Birch	5	Pole	8									
	Red Maple	15	Pole	8									
11		wland Aspe		Sapling		53.2		Immature	N/A	Sizo	Mix of lowland deciduous species on a very wet site from 1989 final harvest. Much standing water present. Poor growth rates. Adjacent to		
11	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	harvest. Much standing water present. Poor growth rates. Adjacent to US-31.		
11	Canopy Species Quaking Aspen	% Cover 35	Size Class Sapling	DBH		Sub-Ca Red Os	nopy Species	Density Low	Avg. Height < 5 feet	Tall Shrub	harvest. Much standing water present. Poor growth rates. Adjacent to US-31.		
11	Canopy Species Quaking Aspen Paper Birch	% Cover 35 5	Size Class Sapling Sapling	DBH 4 3	Age	Sub-Ca Red Os	nopy Species	Density	Avg. Height		harvest. Much standing water present. Poor growth rates. Adjacent to US-31.		
11	Canopy Species Quaking Aspen	% Cover 35 5 40	Size Class Sapling Sapling Sapling	DBH 4 3 3	Age 34	Sub-Ca Red Os	nopy Species	Density Low	Avg. Height < 5 feet	Tall Shrub	harvest. Much standing water present. Poor growth rates. Adjacent to US-31.		
11	Canopy Species Quaking Aspen Paper Birch Red Maple	% Cover 35 5	Size Class Sapling Sapling	DBH 4 3	Age 34	Sub-Ca Red Os	nopy Species	Density Low	Avg. Height < 5 feet	Tall Shrub	harvest. Much standing water present. Poor growth rates. Adjacent to US-31.		
	Canopy Species Quaking Aspen Paper Birch Red Maple Balsam Fir Balsam Poplar	% Cover 35 5 40 5	Size Class Sapling Sapling Sapling/Pole Sapling	DBH 4 3 3 4	Age 34 34	Sub-Ca Red Os	nopy Species iier Dogwood ag Alder	Density Low	Avg. Height < 5 feet	Tall Shrub	harvest. Much standing water present. Poor growth rates. Adjacent to US-31.		
11 12 13	Canopy Species Quaking Aspen Paper Birch Red Maple Balsam Fir Balsam Poplar 6220 - A	% Cover 35 5 40 5 15	Size Class Sapling Sapling Sapling/Pole Sapling	DBH 4 3 4 4 Nonsto	Age 34 34	Sub-Ca Red Os Ta 42.1	nopy Species iier Dogwood ag Alder	Density Low Full	Avg. Height < 5 feet 5 - 10 feet	Tall Shrub	harvest. Much standing water present. Poor growth rates. Adjacent to US-31. Lowland shrubs including tag alder, willow, red osier dogwood, and marshgrass. Lowland deciduous species encroaching along eastern sic of the stand. Adjacent to designated snowmobile trail. Small stand of mostly white spruce poletimber/sawtimber on slightly		
12	Canopy Species Quaking Aspen Paper Birch Red Maple Balsam Fir Balsam Poplar 6220 - A	% Cover 35 5 40 5 15	Size Class Sapling Sapling Sapling/Pole Sapling	DBH 4 3 3 4 4 4 Nonsto	Age 34 34 34 ocked	Sub-Ca Red Os Ta 42.1 1.7	nopy Species ier Dogwood ag Alder	Density Low Full Jnspecified	Avg. Height < 5 feet 5 - 10 feet No	Tall Shrub	harvest. Much standing water present. Poor growth rates. Adjacent to US-31. Lowland shrubs including tag alder, willow, red osier dogwood, and marshgrass. Lowland deciduous species encroaching along eastern sic of the stand. Adjacent to designated snowmobile trail. Small stand of mostly white spruce poletimber/sawtimber on slightly higher ground, adjacent to the snowmobile trail and lowland brush stand		
12	Canopy Species Quaking Aspen Paper Birch Red Maple Balsam Fir Balsam Poplar 6220 - A 429 - Mixed 0	% Cover 35 5 40 5 15	Size Class Sapling Sapling Sapling/Pole Sapling	DBH 4 3 3 4 4 4 Nonsto	Age 34 34 ocked er Well	Sub-Ca Red Os Ta 42.1 1.7 Sub-Ca	nopy Species ier Dogwood ag Alder L	Density Low Full Jnspecified	Avg. Height < 5 feet 5 - 10 feet No	Tall Shrub	 harvest. Much standing water present. Poor growth rates. Adjacent to US-31. Lowland shrubs including tag alder, willow, red osier dogwood, and marshgrass. Lowland deciduous species encroaching along eastern sic of the stand. Adjacent to designated snowmobile trail. Small stand of mostly white spruce poletimber/sawtimber on slightly higher ground, adjacent to the snowmobile trail and lowland brush stand White pine, balsam fir, red maple, quaking aspen, and paper birch poletimber/sawtimber also present. Small acreage, low volume. Not 		
12	Canopy Species Quaking Aspen Paper Birch Red Maple Balsam Fir Balsam Poplar 6220 - A 429 - Mixed C Canopy Species	% Cover 35 5 40 5 15	Size Class Sapling Sapling Sapling/Pole Sapling	DBH 4 3 4 4 4 Nonsto	Age 34 34 ocked er Well	Sub-Car Red Os Ta 42.1 1.7 Sub-Car Ba	nopy Species ier Dogwood ag Alder L 100 nopy Species	Density Low Full Jnspecified 1-50 Density	Avg. Height < 5 feet 5 - 10 feet No N/A Avg. Height	Tall Shrub Tall Shrub	harvest. Much standing water present. Poor growth rates. Adjacent to US-31. Lowland shrubs including tag alder, willow, red osier dogwood, and marshgrass. Lowland deciduous species encroaching along eastern sid of the stand. Adjacent to designated snowmobile trail. Small stand of mostly white spruce poletimber/sawtimber on slightly higher ground, adjacent to the snowmobile trail and lowland brush stance. White pine, balsam fir, red maple, quaking aspen, and paper birch poletimber/sawtimber also present. Small acreage, low volume. Not commercially attractive for harvest. Leave as long-term retention for		
12	Canopy Species Quaking Aspen Paper Birch Red Maple Balsam Fir Balsam Poplar 6220 - A 429 - Mixed U Canopy Species White Pine	% Cover 35 5 40 5 15	Size Class Sapling Sapling/Pole Sapling/Pole Sapling	DBH 4 3 4 5 6 12	Age 34 34 ocked er Well	Sub-Car Red Os Ta 42.1 1.7 Sub-Car Ba Re	nopy Species iier Dogwood ag Alder 100 nopy Species Isam Fir	Density Low Full Jnspecified 1-50 Density Low	Avg. Height < 5 feet 5 - 10 feet No N/A Avg. Height 10 - 20 feet	Tall Shrub Tall Shrub Size Sapling	harvest. Much standing water present. Poor growth rates. Adjacent to US-31. Lowland shrubs including tag alder, willow, red osier dogwood, and marshgrass. Lowland deciduous species encroaching along eastern sid of the stand. Adjacent to designated snowmobile trail. Small stand of mostly white spruce poletimber/sawtimber on slightly higher ground, adjacent to the snowmobile trail and lowland brush stance White pine, balsam fir, red maple, quaking aspen, and paper birch poletimber/sawtimber also present. Small acreage, low volume. Not		
12	Canopy Species Quaking Aspen Paper Birch Red Maple Balsam Fir Balsam Poplar 6220 - A 429 - Mixed R Canopy Species White Pine Red Maple	% Cover 35 40 5 15	Size Class Sapling Sapling/Pole Sapling/Pole Sapling	DBH 4 3 4 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Age 34 34 ocked er Well	Sub-Car Red Os Ta 42.1 1.7 Sub-Car Ba Re	nopy Species ier Dogwood ag Alder 100 nopy Species Isam Fir d Maple	Density Low Full Jnspecified 1-50 Density Low Medium	Avg. Height < 5 feet 5 - 10 feet No N/A Avg. Height 10 - 20 feet 10 - 20 feet	Tall Shrub Tall Shrub Size Sapling Sapling	harvest. Much standing water present. Poor growth rates. Adjacent to US-31. Lowland shrubs including tag alder, willow, red osier dogwood, and marshgrass. Lowland deciduous species encroaching along eastern sid of the stand. Adjacent to designated snowmobile trail. Small stand of mostly white spruce poletimber/sawtimber on slightly higher ground, adjacent to the snowmobile trail and lowland brush stance. White pine, balsam fir, red maple, quaking aspen, and paper birch poletimber/sawtimber also present. Small acreage, low volume. Not commercially attractive for harvest. Leave as long-term retention for		
12	Canopy Species Quaking Aspen Paper Birch Red Maple Balsam Fir Balsam Poplar 6220 - A 6220 - A 429 - Mixed U Canopy Species White Pine Red Maple Paper Birch	% Cover 35 5 40 5 15	Size Class Sapling Sapling Sapling/Pole Sapling ifers Size Class Log/Pole Pole/Log Pole	DBH 4 3 4 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Age 34 34 ocked er Well	Sub-Car Red Os Ta 42.1 1.7 Sub-Car Ba Re	nopy Species ier Dogwood ag Alder 100 nopy Species Isam Fir d Maple	Density Low Full Jnspecified 1-50 Density Low Medium	Avg. Height < 5 feet 5 - 10 feet No N/A Avg. Height 10 - 20 feet 10 - 20 feet	Tall Shrub Tall Shrub Size Sapling Sapling	Lowland shrubs including tag alder, willow, red osier dogwood, and marshgrass. Lowland deciduous species encroaching along eastern sic of the stand. Adjacent to designated snowmobile trail. Small stand of mostly white spruce poletimber/sawtimber on slightly higher ground, adjacent to the snowmobile trail and lowland brush stand. White pine, balsam fir, red maple, quaking aspen, and paper birch poletimber/sawtimber also present. Small acreage, low volume. Not commercially attractive for harvest. Leave as long-term retention for		

Report 7 – Stands

Year of Entry: 2025

DNR

Stand	Level 4 Co	over Type	S	ize De	ensity	Acres	Stand Age E	BA Range	Managed S	ite	General Comments	
14	6124 - Lowla	and Spruce	e-Fir Sa	awtimb	oer We	ll 67.5	90	81-110	N/A		Mix of swamp conifers/deciduous poletimber/sawtimber on wet site. Areas of windthrow present. Snowmobile trail runs through stand.	
Cano	nopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Adjacent to county road. Too wet to harvest.	
Re	ed Maple	5	Pole/Log/Sap	10		Blac	ck Spruce	Low	10 - 20 feet	Sapling	·,··· · · · · · · · · · · · · · · · · ·	
Bal	alsam Fir	40	Log/Pole/Sap	11	90	Northerr	n White Cedar	Low	10 - 20 feet	Sapling		
Blac	ick Spruce	20	Pole/Log	10		Ba	alsam Fir	High	10 - 20 feet	Sapling		
Та	amarack	5	Pole	8								
Quak	king Aspen	15	Log/Pole	12								
Northern	n White Cedar	15	Log/Pole	11								
15	6120 - Lov	wland Ceda	ar Po	oletimb	oer We	II 26.3	130	111-140	N/A		Mixed lowland conifers with cedar being the dominant component, on	
Cano	nopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	very wet stand. Significant areas of cedar windthrow and standing dead.	
	ick Spruce	10	Pole	6	-		ck Spruce	Low	5 - 10 feet	Sapling	present BA is about 120 sq. ft. Adjacent to county road and snowmobile trail. Standing water throug	
Northern	n White Cedar	60	Pole/Log	10	130	Northerr	n White Cedar	Medium	10 - 20 feet	Sapling	stand. Too wet to harvest.	
Quak	king Aspen	5	Log	14		Ba	alsam Fir	High	5 - 10 feet	Sapling		
Wh	hite Pine	5	Log	14								
Τ.	amarack	20	Pole	8								
16 ⁶		iferous	· _ ·		ber We		85	51-80	N/A		poletimber/sawtimber on a very wet site. Most of the aspen has fallen	
			, Mixed Sa	awtimb	oer We	II 33.0	85	51-80	N/A		Stand is a mix of red maple, paper birch, balsam fir, and quaking aspen poletimber/sawtimber on a very wet site. Most of the aspen has fallen	
16 ⁶		iferous	, Mixed Sa		ber We		85 mopy Species		N/A Avg. Height	Size	poletimber/sawtimber on a very wet site. Most of the aspen has fallen out of the stand already with scattered overmature sawtimber still	
16 ⁶ Cano	Coni	iferous % Cover 5	· _ ·	DBH 4		Sub-Ca	nopy Species ed Maple			Size Sapling	poletimber/sawtimber on a very wet site. Most of the aspen has fallen out of the stand already with scattered overmature sawtimber still standing, and a few scattered clones of smaller diameter poletimber. Scattered cedar is also present in various sizes. Present BA is about 75	
16 ⁶ Cano Northern Quak	Coni nopy Species n White Cedar king Aspen	iferous % Cover 5 20	Size Class Pole/Sapling Log/Pole	DBH 4 12		Sub-Ca Re Northerr	anopy Species ed Maple n White Cedar	Density Low Low	Avg. Height 10 - 20 feet 5 - 10 feet	Sapling Sapling	poletimber/sawtimber on a very wet site. Most of the aspen has fallen out of the stand already with scattered overmature sawtimber still standing, and a few scattered clones of smaller diameter poletimber. Scattered cedar is also present in various sizes. Present BA is about 75 sq. ft. Windthrow present within the stand. Stand is adjacent to county	
16 6 Cano Northern Quak Bal	Coni nopy Species n White Cedar king Aspen alsam Fir	iferous % Cover 5 20 25	Size Class Pole/Sapling Log/Pole Pole/Log	DBH 4 12 9	l Age	Sub-Ca Re Northerr Ba	anopy Species ed Maple n White Cedar alsam Fir	Density Low Low High	Avg. Height 10 - 20 feet 5 - 10 feet 10 - 20 feet	Sapling Sapling Sapling	poletimber/sawtimber on a very wet site. Most of the aspen has fallen out of the stand already with scattered overmature sawtimber still standing, and a few scattered clones of smaller diameter poletimber. Scattered cedar is also present in various sizes. Present BA is about 75 sq. ft. Windthrow present within the stand. Stand is adjacent to county	
16 ⁶ Cano Northern Quak Bal	Coni nopy Species n White Cedar king Aspen	iferous % Cover 5 20	Size Class Pole/Sapling Log/Pole	DBH 4 12	l Age	Sub-Ca Re Northerr Ba	anopy Species ed Maple n White Cedar	Density Low Low	Avg. Height 10 - 20 feet 5 - 10 feet	Sapling Sapling	poletimber/sawtimber on a very wet site. Most of the aspen has fallen out of the stand already with scattered overmature sawtimber still standing, and a few scattered clones of smaller diameter poletimber. Scattered cedar is also present in various sizes. Present BA is about 75 sq. ft. Windthrow present within the stand. Stand is adjacent to county road and snowmobile trail. Stand is too wet to harvest. Standing water i	
16 ⁶ Cano Northern Quak Bal Rei	Coni nopy Species n White Cedar king Aspen alsam Fir	Solution	Size Class Pole/Sapling Log/Pole Pole/Log Log/Pole	DBH 4 12 9 11	l Age	Sub-Ca Re Northerr Ba Bl	anopy Species ed Maple n White Cedar alsam Fir	Density Low Low High	Avg. Height 10 - 20 feet 5 - 10 feet 10 - 20 feet	Sapling Sapling Sapling	poletimber/sawtimber on a very wet site. Most of the aspen has fallen out of the stand already with scattered overmature sawtimber still standing, and a few scattered clones of smaller diameter poletimber. Scattered cedar is also present in various sizes. Present BA is about 75 sq. ft. Windthrow present within the stand. Stand is adjacent to county road and snowmobile trail. Stand is too wet to harvest. Standing water i present throughout the stand.	
16 ⁶ Cano Northern Quak Bal Rec 17	Coni nopy Species n White Cedar king Aspen alsam Fir ed Maple	Mixed Deci	Size Class Pole/Sapling Log/Pole Pole/Log Log/Pole	DBH 4 12 9 11	Age 85	Sub-Ca Re Northerr Ba Bl	anopy Species ed Maple n White Cedar alsam Fir lack Ash	Density Low Low High Low 81-110	Avg. Height 10 - 20 feet 5 - 10 feet 10 - 20 feet 5 - 10 feet	Sapling Sapling Sapling	poletimber/sawtimber on a very wet site. Most of the aspen has fallen out of the stand already with scattered overmature sawtimber still standing, and a few scattered clones of smaller diameter poletimber. Scattered cedar is also present in various sizes. Present BA is about 75 sq. ft. Windthrow present within the stand. Stand is adjacent to county road and snowmobile trail. Stand is too wet to harvest. Standing water i present throughout the stand.	
16 ⁶ Cano Northern Quak Bal Re 17 Cano	Coni nopy Species n White Cedar king Aspen alsam Fir ed Maple 4139 - Aspen, I	Mixed Deci	Size Class Pole/Sapling Log/Pole Pole/Log Log/Pole	DBH 4 12 9 11	Age 85	Sub-Ca Re Northerr Ba Bl II 3.0 Sub-Ca	anopy Species ed Maple n White Cedar alsam Fir lack Ash 50	Density Low Low High Low 81-110	Avg. Height 10 - 20 feet 5 - 10 feet 10 - 20 feet 5 - 10 feet N/A	Sapling Sapling Sapling Sapling	poletimber/sawtimber on a very wet site. Most of the aspen has fallen out of the stand already with scattered overmature sawtimber still standing, and a few scattered clones of smaller diameter poletimber. Scattered cedar is also present in various sizes. Present BA is about 75 sq. ft. Windthrow present within the stand. Stand is adjacent to county road and snowmobile trail. Stand is too wet to harvest. Standing water i present throughout the stand. Stand is a small acreage mix of big-toothed aspen, red maple, balsam fir and quaking aspen poletimber/sawtimber on higher ground along the south edge of the E9 stand. Stand acreage is too small to treat on it's own. Stand could possibly be added to another treatment in the future.	
16 ⁶ Cano Northern Quak Bal Rei 17 Cano Quak	Coni nopy Species n White Cedar king Aspen alsam Fir ed Maple 4139 - Aspen, I nopy Species	Mixed Deci % Cover	Size Class Pole/Sapling Log/Pole Pole/Log Log/Pole	DBH 4 12 9 11	Age 85	Sub-Ca Re Northerr Ba Bl II 3.0 Sub-Ca Re	anopy Species ed Maple n White Cedar alsam Fir lack Ash 50 anopy Species	Density Low Low High Low 81-110 Density	Avg. Height 10 - 20 feet 5 - 10 feet 10 - 20 feet 5 - 10 feet N/A Avg. Height	Sapling Sapling Sapling Sapling	poletimber/sawtimber on a very wet site. Most of the aspen has fallen out of the stand already with scattered overmature sawtimber still standing, and a few scattered clones of smaller diameter poletimber. Scattered cedar is also present in various sizes. Present BA is about 75 sq. ft. Windthrow present within the stand. Stand is adjacent to county road and snowmobile trail. Stand is too wet to harvest. Standing water i present throughout the stand. Stand is a small acreage mix of big-toothed aspen, red maple, balsam fin and quaking aspen poletimber/sawtimber on higher ground along the south edge of the E9 stand. Stand acreage is too small to treat on it's	
16 ⁶ Cano Northern Quak Bal Rei 17 Cano Quak Bigto	Coni nopy Species n White Cedar king Aspen alsam Fir ed Maple 4139 - Aspen, I nopy Species king Aspen	iferous % Cover 5 20 25 40 Mixed Deci % Cover 25	Size Class Pole/Sapling Log/Pole Pole/Log Log/Pole iduous Pole Size Class Pole/Log	DBH 4 12 9 11	H Age 85 ber We	Sub-Ca Re Northerr Ba Bl Bl I 3.0 Sub-Ca Re Northerr	anopy Species ed Maple n White Cedar alsam Fir lack Ash 50 shopy Species ed Maple	Density Low Low High Low 81-110 Density Low	Avg. Height 10 - 20 feet 5 - 10 feet 10 - 20 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet	Sapling Sapling Sapling Sapling Size Sapling	poletimber/sawtimber on a very wet site. Most of the aspen has fallen out of the stand already with scattered overmature sawtimber still standing, and a few scattered clones of smaller diameter poletimber. Scattered cedar is also present in various sizes. Present BA is about 75 sq. ft. Windthrow present within the stand. Stand is adjacent to county road and snowmobile trail. Stand is too wet to harvest. Standing water is present throughout the stand. Stand is a small acreage mix of big-toothed aspen, red maple, balsam fin and quaking aspen poletimber/sawtimber on higher ground along the south edge of the E9 stand. Stand acreage is too small to treat on it's own. Stand could possibly be added to another treatment in the future.	
16 ⁶ Cano Northern Quak Bal Rei 17 - Cano Quak Bigto Bal	Coni nopy Species n White Cedar king Aspen alsam Fir ed Maple 4139 - Aspen, I nopy Species king Aspen ooth Aspen	Mission Mission 0 5 20 25 40 40 Mixed Deci 0 0 25 30 30	Size Class Pole/Sapling Log/Pole Pole/Log iduous Pole Size Class Pole/Log Log/Pole	DBH 4 12 9 11	H Age 85 ber We	Sub-Ca Re Northerr Ba Bl I 3.0 Sub-Ca Re Northerr Ba	anopy Species ed Maple n White Cedar alsam Fir lack Ash 50 50 anopy Species ed Maple n White Cedar	Density Low Low High Low 81-110 Density Low Low	Avg. Height 10 - 20 feet 5 - 10 feet 10 - 20 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet 5 - 10 feet	Sapling Sapling Sapling Sapling Sapling Sapling	poletimber/sawtimber on a very wet site. Most of the aspen has fallen out of the stand already with scattered overmature sawtimber still standing, and a few scattered clones of smaller diameter poletimber. Scattered cedar is also present in various sizes. Present BA is about 75 sq. ft. Windthrow present within the stand. Stand is adjacent to county road and snowmobile trail. Stand is too wet to harvest. Standing water is present throughout the stand. Stand is a small acreage mix of big-toothed aspen, red maple, balsam fin and quaking aspen poletimber/sawtimber on higher ground along the south edge of the E9 stand. Stand acreage is too small to treat on it's own. Stand could possibly be added to another treatment in the future.	
16 ⁶ Cano Northern Quak Bal Rei 17 - Quak Bigto Bal Rei	Coni nopy Species n White Cedar king Aspen alsam Fir ed Maple 4139 - Aspen, I nopy Species king Aspen ooth Aspen alsam Fir ed Maple	iferous % Cover 5 20 25 40 Mixed Deci Cover % Cover 30 15	Size Class Pole/Sapling Log/Pole Pole/Log Log/Pole Size Class Pole/Log Pole/Log Pole	DBH 4 12 9 11 Detimation DBH 0 11	H Age 85 ber We H Age 50 50	Sub-Ca Re Northerr Ba Bl I 3.0 Sub-Ca Re Northerr Ba	anopy Species ed Maple in White Cedar alsam Fir lack Ash 50 anopy Species ed Maple in White Cedar alsam Fir per Birch	Density Low Low High Low Low Dubble Dubble Dubble Dubble Low Low Medium	Avg. Height 10 - 20 feet 5 - 10 feet 10 - 20 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet 5 - 10 feet 10 - 20 feet	Sapling Sapling Sapling Sapling Size Sapling Sapling Sapling	poletimber/sawtimber on a very wet site. Most of the aspen has fallen out of the stand already with scattered overmature sawtimber still standing, and a few scattered clones of smaller diameter poletimber. Scattered cedar is also present in various sizes. Present BA is about 75 sq. ft. Windthrow present within the stand. Stand is adjacent to county road and snowmobile trail. Stand is too wet to harvest. Standing water i present throughout the stand. Stand is a small acreage mix of big-toothed aspen, red maple, balsam fir and quaking aspen poletimber/sawtimber on higher ground along the south edge of the E9 stand. Stand acreage is too small to treat on it's own. Stand could possibly be added to another treatment in the future. Adjacent to two county roads and residence.	
16 ⁶ Cano Northern Quak Bal Rei 17 Cano Quak Bigto Bal Rei 18	Coni nopy Species n White Cedar king Aspen alsam Fir ed Maple 4139 - Aspen, I nopy Species king Aspen ooth Aspen alsam Fir ed Maple	Million Million <t< td=""><td>Size Class Pole/Sapling Log/Pole Pole/Log Log/Pole Size Class Pole/Log Pole/Log Pole</td><td>DBH 4 12 9 11 Deletime DBH 9 10 8 9 Sapling</td><td>H Age 85 ber We H Age 50 50</td><td>Sub-Ca Re Northerr Ba Bl II 3.0 Sub-Ca Re Northerr Ba Pa 22.4</td><td>anopy Species ed Maple in White Cedar alsam Fir lack Ash 50 anopy Species ed Maple in White Cedar alsam Fir per Birch</td><td>Density Low Low High Low 81-110 Density Low Low Medium Low</td><td>Avg. Height 10 - 20 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet 10 - 20 feet</td><td>Sapling Sapling Sapling Sapling Size Sapling Sapling Sapling</td><td>poletimber/sawtimber on a very wet site. Most of the aspen has fallen out of the stand already with scattered overmature sawtimber still standing, and a few scattered clones of smaller diameter poletimber. Scattered cedar is also present in various sizes. Present BA is about 75 sq. ft. Windthrow present within the stand. Stand is adjacent to county road and snowmobile trail. Stand is too wet to harvest. Standing water i present throughout the stand. Stand is a small acreage mix of big-toothed aspen, red maple, balsam fir and quaking aspen poletimber/sawtimber on higher ground along the south edge of the E9 stand. Stand acreage is too small to treat on it's own. Stand could possibly be added to another treatment in the future. Adjacent to two county roads and residence.</td></t<>	Size Class Pole/Sapling Log/Pole Pole/Log Log/Pole Size Class Pole/Log Pole/Log Pole	DBH 4 12 9 11 Deletime DBH 9 10 8 9 Sapling	H Age 85 ber We H Age 50 50	Sub-Ca Re Northerr Ba Bl II 3.0 Sub-Ca Re Northerr Ba Pa 22.4	anopy Species ed Maple in White Cedar alsam Fir lack Ash 50 anopy Species ed Maple in White Cedar alsam Fir per Birch	Density Low Low High Low 81-110 Density Low Low Medium Low	Avg. Height 10 - 20 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet 10 - 20 feet	Sapling Sapling Sapling Sapling Size Sapling Sapling Sapling	poletimber/sawtimber on a very wet site. Most of the aspen has fallen out of the stand already with scattered overmature sawtimber still standing, and a few scattered clones of smaller diameter poletimber. Scattered cedar is also present in various sizes. Present BA is about 75 sq. ft. Windthrow present within the stand. Stand is adjacent to county road and snowmobile trail. Stand is too wet to harvest. Standing water i present throughout the stand. Stand is a small acreage mix of big-toothed aspen, red maple, balsam fir and quaking aspen poletimber/sawtimber on higher ground along the south edge of the E9 stand. Stand acreage is too small to treat on it's own. Stand could possibly be added to another treatment in the future. Adjacent to two county roads and residence.	
16 ⁶ Cano Northern Quak Bal Rei 17 Cano Quak Bigto Bal Rei 18 Cano	Coni nopy Species n White Cedar king Aspen alsam Fir ed Maple 4139 - Aspen, I nopy Species king Aspen ooth Aspen alsam Fir ed Maple 6112 - Lov	Million Million <t< td=""><td>Size Class Pole/Sapling Log/Pole Pole/Log iduous Pole/Log Size Class Pole/Log Log/Pole Pole/Log Pole/Log Pole/Log Pole/Log</td><td>DBH 4 12 9 11 Deletime DBH 9 10 8 9 Sapling</td><td>Age 85 ber We Age 50 50 50 g Well</td><td>Sub-Ca Re Northerr Ba Bl 3.0 Sub-Ca Re Northerr Ba Pa 22.4 Sub-Ca</td><td>anopy Species ed Maple in White Cedar alsam Fir lack Ash 50 50 50 50 50 50 50 50 50 50 50 50 50</td><td>Density Low Low High Low 81-110 Density Low Low Medium Low</td><td>Avg. Height 10 - 20 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet</td><td>Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling</td><td>poletimber/sawtimber on a very wet site. Most of the aspen has fallen out of the stand already with scattered overmature sawtimber still standing, and a few scattered clones of smaller diameter poletimber. Scattered cedar is also present in various sizes. Present BA is about 75 sq. ft. Windthrow present within the stand. Stand is adjacent to county road and snowmobile trail. Stand is too wet to harvest. Standing water present throughout the stand. Stand is a small acreage mix of big-toothed aspen, red maple, balsam fi and quaking aspen poletimber/sawtimber on higher ground along the south edge of the E9 stand. Stand acreage is too small to treat on it's own. Stand could possibly be added to another treatment in the future. Adjacent to two county roads and residence.</td></t<>	Size Class Pole/Sapling Log/Pole Pole/Log iduous Pole/Log Size Class Pole/Log Log/Pole Pole/Log Pole/Log Pole/Log Pole/Log	DBH 4 12 9 11 Deletime DBH 9 10 8 9 Sapling	Age 85 ber We Age 50 50 50 g Well	Sub-Ca Re Northerr Ba Bl 3.0 Sub-Ca Re Northerr Ba Pa 22.4 Sub-Ca	anopy Species ed Maple in White Cedar alsam Fir lack Ash 50 50 50 50 50 50 50 50 50 50 50 50 50	Density Low Low High Low 81-110 Density Low Low Medium Low	Avg. Height 10 - 20 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet	Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	poletimber/sawtimber on a very wet site. Most of the aspen has fallen out of the stand already with scattered overmature sawtimber still standing, and a few scattered clones of smaller diameter poletimber. Scattered cedar is also present in various sizes. Present BA is about 75 sq. ft. Windthrow present within the stand. Stand is adjacent to county road and snowmobile trail. Stand is too wet to harvest. Standing water present throughout the stand. Stand is a small acreage mix of big-toothed aspen, red maple, balsam fi and quaking aspen poletimber/sawtimber on higher ground along the south edge of the E9 stand. Stand acreage is too small to treat on it's own. Stand could possibly be added to another treatment in the future. Adjacent to two county roads and residence.	
16 ⁶ Cano Northern Quak Bal Rei 17 Cano Quak Bigto Bal Rei 18 Cano Quak	Coni nopy Species n White Cedar king Aspen alsam Fir ed Maple 4139 - Aspen, I nopy Species king Aspen ooth Aspen alsam Fir ed Maple 6112 - Low nopy Species	Mixed Deci 30 25 40 5 20 25 40	Size Class Pole/Sapling Log/Pole Pole/Log iduous Pole/Log Size Class Pole/Log Pole/Log Pole/Log Size Class Size Class	DBH 4 12 9 11 Deletimbe 9 10 8 9 Sapling DBH	Age 85 ber We Age 50 50 g Well Age	Sub-Ca Re Northerr Ba Bl 3.0 Sub-Ca Re Northerr Ba Pa 22.4 Sub-Ca	anopy Species ed Maple in White Cedar alsam Fir lack Ash 50 50 50 50 50 50 50 50 50 50 50 50 50	Density Low Low High Low 81-110 Density Low Medium Low Medium Low	Avg. Height 10 - 20 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet N/A Avg. Height	Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	poletimber/sawtimber on a very wet site. Most of the aspen has fallen out of the stand already with scattered overmature sawtimber still standing, and a few scattered clones of smaller diameter poletimber. Scattered cedar is also present in various sizes. Present BA is about 75 sq. ft. Windthrow present within the stand. Stand is adjacent to county road and snowmobile trail. Stand is too wet to harvest. Standing water present throughout the stand. Stand is a small acreage mix of big-toothed aspen, red maple, balsam fi and quaking aspen poletimber/sawtimber on higher ground along the south edge of the E9 stand. Stand acreage is too small to treat on it's own. Stand could possibly be added to another treatment in the future. Adjacent to two county roads and residence.	
16 6 Cano Northern Quak Bal Rei 17 2 Cano Quak Bigto Bal Rei 18 2 Quak	Coni nopy Species n White Cedar king Aspen alsam Fir ed Maple 4139 - Aspen, I nopy Species king Aspen ooth Aspen alsam Fir ed Maple 6112 - Low nopy Species king Aspen	Mixed Deci % Cover 5 20 25 40	Size Class Pole/Sapling Log/Pole Pole/Log iduous Pole Size Class Pole/Log Log/Pole Pole Pole/Log Size Class Pole/Sapling	DBH 4 12 9 11 Deletime 0 0 0 0 10 8 9 Sapling DBH 5	Age 85 ber We Age 50 50 g Well Age	Sub-Ca Re Northerr Ba Bl 3.0 Sub-Ca Re Northerr Ba Pa 22.4 Sub-Ca	anopy Species ed Maple in White Cedar alsam Fir lack Ash 50 50 50 50 50 50 50 50 50 50 50 50 50	Density Low Low High Low 81-110 Density Low Medium Low Medium Low	Avg. Height 10 - 20 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet N/A Avg. Height	Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	poletimber/sawtimber on a very wet site. Most of the aspen has fallen out of the stand already with scattered overmature sawtimber still standing, and a few scattered clones of smaller diameter poletimber. Scattered cedar is also present in various sizes. Present BA is about 75 sq. ft. Windthrow present within the stand. Stand is adjacent to county road and snowmobile trail. Stand is too wet to harvest. Standing water present throughout the stand. Stand is a small acreage mix of big-toothed aspen, red maple, balsam fi and quaking aspen poletimber/sawtimber on higher ground along the south edge of the E9 stand. Stand acreage is too small to treat on it's own. Stand could possibly be added to another treatment in the future. Adjacent to two county roads and residence.	
16 6 Cano Northerm Quak Bal Rei 17 Cano Quak Bigto Bal Rei 18 Cano Quak Bal Rei	Coni nopy Species n White Cedar king Aspen alsam Fir ed Maple 4139 - Aspen, I nopy Species king Aspen ooth Aspen alsam Fir ed Maple 6112 - Low nopy Species king Aspen alsam Fir	iferous 5 20 25 40 Mixed Deci % Cover 25 30 15 30 15 30 5 50 10	Size Class Pole/Sapling Log/Pole Pole/Log duous Pole/Log Size Class Pole/Log Pole/Log Pole/Log Size Class Pole/Log Pole/Log Pole/Log Pole/Sapling Pole/Sapling Pole/Sapling	DBH 4 12 9 11 Deletimb DBH 0 10 8 9 Sapling DBH 5 5	Age 85 ber We Age 50 50 g Well Age	Sub-Ca Re Northerr Ba Bl 3.0 Sub-Ca Re Northerr Ba Pa 22.4 Sub-Ca	anopy Species ed Maple in White Cedar alsam Fir lack Ash 50 50 50 50 50 50 50 50 50 50 50 50 50	Density Low Low High Low 81-110 Density Low Medium Low Medium Low	Avg. Height 10 - 20 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet N/A Avg. Height	Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	 poletimber/sawtimber on a very wet site. Most of the aspen has fallen out of the stand already with scattered overmature sawtimber still standing, and a few scattered clones of smaller diameter poletimber. Scattered cedar is also present in various sizes. Present BA is about 75 sq. ft. Windthrow present within the stand. Stand is adjacent to county road and snowmobile trail. Stand is too wet to harvest. Standing water i present throughout the stand. Stand is a small acreage mix of big-toothed aspen, red maple, balsam fir and quaking aspen poletimber/sawtimber on higher ground along the south edge of the E9 stand. Stand acreage is too small to treat on it's own. Stand could possibly be added to another treatment in the future. Adjacent to two county roads and residence. Stand is a mix of quaking aspen, red maple, paper birch, balsam fir, and cedar saplings and small poletimber on a wet site. Stand is believed to have originated as a small habitat cut, but no cutting records exist at this 	

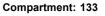
Loval A Cover Turne

Stand

Report 7 – Stands

Managed Site

Acres Stand Are BA Denne



Year of Entry: 2025

DNR DNR ENGAN

Stand	Level 4 C	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed	Site
19	6120 - Lo	wland Ceda	ar P	oletimb	er Well	18.5	130	81-110	N/A	
Car	nopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Specie	es Density	Avg. Height	Size
Ba	alsam Fir	10	Pole	8		Qual	king Aspen	Low	10 - 20 feet	Sapling
Norther	n White Cedar	70	Pole/Log	9	130	Ba	Isam Fir	Medium	10 - 20 feet	Sapling
Bals	sam Poplar	2	Pole/Sapling	6		Blac	ck Spruce	Low	< 5 feet	Sapling
Qua	king Aspen	5	Log/Pole	12		Та	ag Alder	Medium	5 - 10 feet	Tall Shrub
Pa	aper Birch	3	Pole/Sapling	6		Pa	per Birch	Low	5 - 10 feet	Sapling
R	ed Maple	10	Pole/Log	9		Northerr	n White Ceda	ar Low	5 - 10 feet	Sapling
						Re	ed Maple	Low	5 - 10 feet	Sapling
						Red Os	sier Dogwood	Low	< 5 feet	Tall Shrub
						BI	ack Ash	Low	5 - 10 feet	Sapling

Sine Density

Stand consists of mostly cedar poletimber/sawtimber with lesser amounts of scattered balsam fir and red maple poletimber. Most of the quaking aspen and paper birch has died, but there are still scattered live trees standing. Standing water present. Cedar windthrow exists throughout the stand. Where this has occured, other species such as quaking aspen, red maple, balsam poplar, paper birch, and black spruce ash saplings are emerging in the canopy openings. US 31 runs adjacent to this stand. Too wet to harvest. Stand will continue to lose cedar and convert to a Q type.

General Comments

20	6120 - Low	land Ceda	ır	Poletimb	er Well	22.1	130	51-80	N/A	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size
(Quaking Aspen	5	Log/Pole	12		Northern	White Cedar	Low	5 - 10 feet	Sapling
	Balsam Fir	10	Pole	8		Bal	sam Fir	Medium	10 - 20 feet	Sapling
	Balsam Poplar	2	Pole/Saplin	g 6		Blac	k Spruce	Low	< 5 feet	Sapling
Nor	thern White Cedar	70	Pole/Log	9	130	Pap	er Birch	Low	5 - 10 feet	Sapling
	Paper Birch	3	Pole/Saplin	g 6		Quaki	ing Aspen	Low	10 - 20 feet	Sapling
	Red Maple	10	Pole/Log	9		Та	g Alder	Medium	5 - 10 feet	Tall Shrub
						Bla	ick Ash	Low	5 - 10 feet	Sapling
						Red	d Maple	Low	5 - 10 feet	Sapling
						Red Osi	er Dogwood	Low	< 5 feet	Tall Shrub

Stand consists of mostly cedar poletimber/sawtimber with lesser amounts of scattered balsam fir and red maple poletimber. Most of the quaking aspen and paper birch has died, but there are still scattered live trees standing. Standing water present. Cedar windthrow exists throughout the stand. Where this has occured, other species such as quaking aspen, red maple, balsam poplar, paper birch, and black spruce ash saplings are emerging in the canopy openings. US 31 runs adjacent to this stand. Too wet to harvest. Stand will continue to lose cedar and convert to a Q type.

21 6112 - Lov	vland Aspe	en	Poletimb	er Well	14.9	75	81-110	N/A	7
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size
Quaking Aspen	25	Log/Pole	12	75	Rec	l Maple	Low	10 - 20 feet	Sapling t
Bigtooth Aspen	15	Log/Pole	12		Bals	sam Fir	Medium	10 - 20 feet	Sapling S
Balsam Fir	20	Pole	8		Bla	ck Ash	Medium	5 - 10 feet	Sapling g
Northern White Cedar	10	Pole/Log	10		Та	g Alder	Low	5 - 10 feet	Tall Shrub
Black Ash	3	Pole/Saplin	g 4						H
Red Maple	25	Pole/Log	10						ŝ
Balsam Poplar	2	Pole/Log	10						(

The north portion of Stand 21 was prescribed for harvest during the 2015 YOE (Old Fence Aspen, 52-124-15). The original 3 year contract was extended three times and expired 03/31/2023. The sale was then terminated. Stand consists of mature and overmature mixed aspen sawlogs and balsam fir poletimber with lesser amounts of red maple, cedar, and paper birch. Wet stand on poorly drained soil, slightly higher ground along the east third of the stand, lower ground along the western edge where standing water can be found. Areas of windthrow present. Harvest would have to take place during winter or dry summer months. Seasonal county access road needs major improvement. Stand converting to balsam fir without treatment. Prescribed for non-commercial harvest in 2025 YOE to improve guality of wildlife habitat.

Small acreage stand consisting of mixed northern hardwood, mostly sugar maple boltwood and small sawtimber. Slightly lower stocking densities at present time. BA is about 100 sq. ft. presently. Scattered aspen also present. Will require permission from adjacent landowner to access this stand. Possible thinning in 10 - 20 years.

4110 - Sugar Maple Association

Sawtimber Well 7.5

110

81-110

N/A

Canopy Species	% Cove	r Size Class	DBH	l Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	5	Log/Pole	12		Beech	Medium	5 - 10 feet	Sapling
Paper Birch	5	Log/Pole	12		Balsam Fir	Low	10 - 20 feet	Sapling
Sugar Maple	65	Log/Pole	12	110	Sugar Maple	Medium	>20 feet	Sapling
Basswood	25	Log/Pole	12					

Report 7 – Stands



MATUR

											Year of Entry: 2025
Stand	d Level 4 C	over Type	S	ize De	ensity	Acres Star	nd Age BA	A Range	Managed S	Site	General Comments
23	4199 - Other Mixe	ed Upland E	Deciduous Sa	awtimt	oer Well	6.2	68 1	111-140	N/A		Stand is located along a slightly higher ridge than the adjacent swamp
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy	/ Species	Density	Avg. Height	Size	that runs onto private property to the north and east. Small acreage mix of mostly red maple boltwood, with lesser amounts of paper birch, suga
	Red Maple	30	Log/Pole/Sap	11	68	Balsam	Fir	High	10 - 20 feet	Sapling	maple, basswood, and balsam fir poletimber/sawtimber. Scattered ced
	Quaking Aspen	15	Log/Pole	12				-			poletimber also present. Heavy advanced balsam fir regen in
	Balsam Fir	15	Pole	8							understory. Small acreage. Present BA is about 120 sq. ft., however landowner denies access to stand. Factor limited.
	Basswood	10	Log/Pole	12							
	Sugar Maple	15	Log/Pole	12							
	Paper Birch	15	Pole/Log	10							
24	310 - Herbac	ceous Oper	hland I	Nonst	ocked	0.8	Un	nspecified	No		
25	4119 - Mixed No	orthern Har	dwoods Po		ber Well	4.0	80	81-110	N/A		Small stand of mostly sugar maple poletimber. Scattered paper birch and overmature BTA sawtimber also present. Present BA is about 110
	Canopy Species	% Cover	Size Class	DBH	H Age	Sub-Canopy	/ Species	Density	Avg. Height	Size	sq. ft. Factor limited. Landowner denies access. Adjacent to conifer
	Sugar Maple	70	Pole/Sap/Log	9	80	Sugar Ma		Low	10 - 20 feet	Sapling	swamp.
	Paper Birch	20	Log/Pole	12		Dalaan	<u> </u>		40 00 (1	Sapling	
		20	LUG/FUIE	12		Balsam	i Fir	Low	10 - 20 feet	Saping	
	Bigtooth Aspen	10	Log	14		Baisam	ı Fır	Low	10 - 20 feet	Saping	
26	1	10	Log	14	ber Well			Low 81-110	10 - 20 teet N/A	Saping	Stand consists of mostly sugar maple poletimber with scattered paper
	Bigtooth Aspen	10 Maple Asso	Log	14 oletimt	ber Well		80			Size	birch and basswood, poletimber/sawtimber. Also sparse quaking aspe
	Bigtooth Aspen 4110 - Sugar M	10 Maple Asso	Log ciation Po	14 oletimt		23.7	80 / Species	81-110	N/A		birch and basswood, poletimber/sawtimber. Also sparse quaking aspe sawtimber. Stand is slightly lower stocked with a present BA of about 9 sq. ft., with mostly smaller diameters. Landowner permission needed to
	Bigtooth Aspen 4110 - Sugar M Canopy Species	10 Maple Asso % Cover	Log ciation Po	14 Dietimk		23.7 Sub-Canopy	80 / Species h	81-110 Density	N/A Avg. Height	Size	birch and basswood, poletimber/sawtimber. Also sparse quaking aspe sawtimber. Stand is slightly lower stocked with a present BA of about 9
	Bigtooth Aspen 4110 - Sugar M Canopy Species Paper Birch	10 Maple Asso % Cover 10	Log ciation Po Size Class Pole/Sap/Log	14 bletimk DBH 9		23.7 Sub-Canopy Beect	80 / Species h	81-110 Density Medium	N/A Avg. Height 5 - 10 feet	Size Sapling	birch and basswood, poletimber/sawtimber. Also sparse quaking aspe sawtimber. Stand is slightly lower stocked with a present BA of about 9 sq. ft., with mostly smaller diameters. Landowner permission needed to
26	Bigtooth Aspen 4110 - Sugar M Canopy Species Paper Birch Basswood	10 Maple Asso % Cover 10 5 85	Log ciation Po Size Class Pole/Sap/Log Log/Pole Pole/Sap/Log	14 bletimk DBH 9 12 9	l Age	23.7 Sub-Canopy Beech Ironwoo Sugar Ma	80 / Species h od aple	81-110 Density Medium Low	N/A Avg. Height 5 - 10 feet 10 - 20 feet	Size Sapling Sapling	birch and basswood, poletimber/sawtimber. Also sparse quaking aspe sawtimber. Stand is slightly lower stocked with a present BA of about 9 sq. ft., with mostly smaller diameters. Landowner permission needed to access this stand. Possible thinning in 20 years. Mix of swamp conifers/deciduous poletimber/sawtimber on wet site.
26	Bigtooth Aspen 4110 - Sugar M Canopy Species Paper Birch Basswood Sugar Maple	10 Maple Asso % Cover 10 5 85 and Spruce	Log ciation Po Size Class Pole/Sap/Log Log/Pole Pole/Sap/Log	14 Detimation DBH 9 12 9 awtimation	Age 80	23.7 Sub-Canopy Beech Ironwoo Sugar Ma	80 / Species h ood laple 90	81-110 Density Medium Low Medium	N/A Avg. Height 5 - 10 feet 10 - 20 feet >20 feet	Size Sapling Sapling	birch and basswood, poletimber/sawtimber. Also sparse quaking aspe sawtimber. Stand is slightly lower stocked with a present BA of about 9 sq. ft., with mostly smaller diameters. Landowner permission needed to access this stand. Possible thinning in 20 years. Mix of swamp conifers/deciduous poletimber/sawtimber on wet site. Areas of windthrow present. Snowmobile trail runs through stand.
26	Bigtooth Aspen 4110 - Sugar M Canopy Species Paper Birch Basswood Sugar Maple 6124 - Lowla	10 Maple Asso % Cover 10 5 85 and Spruce	Log ciation Po Size Class Pole/Sap/Log Log/Pole Pole/Sap/Log Pole/Sap/Log	14 Detimation DBH 9 12 9 awtimation	Age 80	23.7 Sub-Canopy Beech Ironwoo Sugar Ma 20.6	80 / Species h od aple 90 / Species	81-110 Density Medium Low Medium 81-110	N/A Avg. Height 5 - 10 feet 10 - 20 feet >20 feet N/A	Size Sapling Sapling Sapling	birch and basswood, poletimber/sawtimber. Also sparse quaking aspe sawtimber. Stand is slightly lower stocked with a present BA of about 9 sq. ft., with mostly smaller diameters. Landowner permission needed to access this stand. Possible thinning in 20 years. Mix of swamp conifers/deciduous poletimber/sawtimber on wet site.
26 27	Bigtooth Aspen 4110 - Sugar M Canopy Species Paper Birch Basswood Sugar Maple 6124 - Lowla Canopy Species	10 Maple Asso % Cover 10 5 85 and Spruce % Cover	Log ciation Po Size Class Pole/Sap/Log Log/Pole Pole/Sap/Log -Fir Sa Size Class	14 Detime 9 12 9 awtime DBH	Age 80	23.7 Sub-Canopy Beech Ironwoo Sugar Ma 20.6 Sub-Canopy	80 / Species h od laple 90 / Species pruce	81-110 Density Medium Low Medium 81-110 Density	N/A Avg. Height 5 - 10 feet 10 - 20 feet >20 feet N/A Avg. Height	Size Sapling Sapling Sapling Size	birch and basswood, poletimber/sawtimber. Also sparse quaking aspessawtimber. Stand is slightly lower stocked with a present BA of about 9 sq. ft., with mostly smaller diameters. Landowner permission needed to access this stand. Possible thinning in 20 years. Mix of swamp conifers/deciduous poletimber/sawtimber on wet site. Areas of windthrow present. Snowmobile trail runs through stand.
26 27	Bigtooth Aspen 4110 - Sugar M Canopy Species Paper Birch Basswood Sugar Maple 6124 - Lowla Canopy Species Red Maple	10 Maple Asso Cover 10 5 85 and Spruce % Cover 20	Log ciation Po Size Class Pole/Sap/Log Pole/Sap/Log Pole/Sap/Log Pole/Sap/Log Pole/Sap/Log Size Class Log/Pole	14 Detime 9 12 9 12 9 12 12 12 12 12 11	Age 80	23.7 Sub-Canopy Beech Ironwoo Sugar Ma 20.6 Sub-Canopy Black Sp	80 / Species h h h h h b d b d b e b f s b c d c d c d c d c d c d c d c d c d c d c d c d c c c c c c c c c c c c c	81-110 Density Medium Low Medium 81-110 Density Low	N/A Avg. Height 5 - 10 feet 10 - 20 feet >20 feet N/A Avg. Height 10 - 20 feet	Size Sapling Sapling Sapling Size Sapling	birch and basswood, poletimber/sawtimber. Also sparse quaking aspessawtimber. Stand is slightly lower stocked with a present BA of about 9 sq. ft., with mostly smaller diameters. Landowner permission needed to access this stand. Possible thinning in 20 years. Mix of swamp conifers/deciduous poletimber/sawtimber on wet site. Areas of windthrow present. Snowmobile trail runs through stand.
26	Bigtooth Aspen 4110 - Sugar M Canopy Species Paper Birch Basswood Sugar Maple 6124 - Lowla 6124 - Lowla Canopy Species Red Maple Quaking Aspen	10 Maple Asso % Cover 10 5 85 and Spruce % Cover 20 15	Log ciation Po Size Class Pole/Sap/Log Log/Pole Pole/Sap/Log Pole/Sap/Log Pole/Sap/Log Size Class Log/Pole Log/Pole	14 Deletime 9 12 9 12 9 12 9 12 9 12 9 12 12 12 10 12	Age 80	23.7 Sub-Canopy Beech Ironwoo Sugar Ma 20.6 Sub-Canopy Black Sp Northern Whi	80 / Species h h h h h b d b d b e b f s b c d c d c d c d c d c d c d c d c d c d c d c d c c c c c c c c c c c c c	81-110 Density Medium Low Medium 81-110 Density Low Low	N/A Avg. Height 5 - 10 feet 10 - 20 feet >20 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet	Size Sapling Sapling Sapling Sapling Sapling Sapling	birch and basswood, poletimber/sawtimber. Also sparse quaking aspessawtimber. Stand is slightly lower stocked with a present BA of about 9 sq. ft., with mostly smaller diameters. Landowner permission needed to access this stand. Possible thinning in 20 years. Mix of swamp conifers/deciduous poletimber/sawtimber on wet site. Areas of windthrow present. Snowmobile trail runs through stand.
26	Bigtooth Aspen 4110 - Sugar M Canopy Species Paper Birch Basswood Sugar Maple 6124 - Low 6124 - Low Canopy Species Red Maple Quaking Aspen Black Spruce	10 Maple Asso Kover 10 5 85 and Spruce 20 15 20 15 20 15 20	Log ciation Po Size Class Pole/Sap/Log Log/Pole Pole/Sap/Log Pole/Sap/Log Size Class Log/Pole Log/Pole Pole/Log	14 DBH 9 12 9 12 9 12 9 12 10 12 10 12	ber Well	23.7 Sub-Canopy Beech Ironwoo Sugar Ma 20.6 Sub-Canopy Black Sp Northern Whi	80 / Species h h h h h b d b d b e b f s b c d c d c d c d c d c d c d c d c d c d c d c d c c c c c c c c c c c c c	81-110 Density Medium Low Medium 81-110 Density Low Low	N/A Avg. Height 5 - 10 feet 10 - 20 feet >20 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet	Size Sapling Sapling Sapling Sapling Sapling Sapling	birch and basswood, poletimber/sawtimber. Also sparse quaking aspe sawtimber. Stand is slightly lower stocked with a present BA of about 9 sq. ft., with mostly smaller diameters. Landowner permission needed to access this stand. Possible thinning in 20 years. Mix of swamp conifers/deciduous poletimber/sawtimber on wet site. Areas of windthrow present. Snowmobile trail runs through stand.
26 27 No	Bigtooth Aspen 4110 - Sugar M Canopy Species Paper Birch Basswood Sugar Maple 6124 - Lowla 6124 - Lowla Canopy Species Red Maple Quaking Aspen Black Spruce orthern White Cedar Balsam Fir	10 Maple Asso Kover 10 5 85 and Spruce Kover 20 15 20 15 20 15 20 15 20 15	Log ciation Po Size Class Pole/Sap/Log Log/Pole Pole/Sap/Log Cog/Pole Cog/Pole Log/Pole Log/Pole Log/Pole Log/Pole/Sap	14 Jetime DBH 9 12 9 www.ime DBH 10 12 10 11	ber Well	23.7 Sub-Canopy Beect Ironwoo Sugar Ma 20.6 Sub-Canopy Black Sp Northern Whi Balsam	80 / Species h od laple 90 / Species oruce ite Cedar Fir	81-110 Density Medium Low Medium 81-110 Density Low Low	N/A Avg. Height 5 - 10 feet 10 - 20 feet >20 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet	Size Sapling Sapling Sapling Sapling Sapling Sapling	birch and basswood, poletimber/sawtimber. Also sparse quaking aspessawtimber. Stand is slightly lower stocked with a present BA of about 9 sq. ft., with mostly smaller diameters. Landowner permission needed to access this stand. Possible thinning in 20 years. Mix of swamp conifers/deciduous poletimber/sawtimber on wet site. Areas of windthrow present. Snowmobile trail runs through stand. Adjacent to county road. Too wet to harvest.
26 27 No	Bigtooth Aspen 4110 - Sugar M Canopy Species Paper Birch Basswood Sugar Maple 6124 - Lowla 6124 - Lowla Canopy Species Red Maple Quaking Aspen Black Spruce orthern White Cedar Balsam Fir	10 Maple Asso Cover 10 5 85 and Spruce 20 15 20 15 30	Log ciation Po Size Class Pole/Sap/Log Log/Pole Pole/Sap/Log Cog/Pole Cog/Pole Log/Pole Log/Pole Log/Pole Log/Pole/Sap	14 Jetime DBH 9 12 9 12 9 Wtimk DBH 10 12 10 12 10 12 10 11 11	ber Well 1 Age 90	23.7 Sub-Canopy Beect Ironwoo Sugar Ma 20.6 Sub-Canopy Black Sp Northern Whi Balsam	80 / Species h h h h pod 90 / Species oruce ite Cedar Fir 115 1	81-110 Density Medium Low Medium 81-110 Density Low Low High	N/A Avg. Height 5 - 10 feet 10 - 20 feet >20 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet 10 - 20 feet	Size Sapling Sapling Sapling Sapling Sapling Sapling	birch and basswood, poletimber/sawtimber. Also sparse quaking aspessawtimber. Stand is slightly lower stocked with a present BA of about 9 sq. ft., with mostly smaller diameters. Landowner permission needed to access this stand. Possible thinning in 20 years. Mix of swamp conifers/deciduous poletimber/sawtimber on wet site. Areas of windthrow present. Snowmobile trail runs through stand. Adjacent to county road. Too wet to harvest.
26	Bigtooth Aspen 4110 - Sugar M Canopy Species Paper Birch Basswood Sugar Maple 6124 - Lowla Canopy Species Red Maple Quaking Aspen Black Spruce orthern White Cedar Balsam Fir 6120 - Low	10 Maple Asso Cover 10 5 85 and Spruce 20 15 20 15 30	Log ciation Po Size Class Pole/Sap/Log Log/Pole Pole/Sap/Log Pole/Sap/Log Size Class Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole Angle Pole/Log Log/Pole Class Pole/Log Class Pole/Sap/Log Pole/Sap/Sap/Log Pole/Sap/Sap/Sap Pole/Sap/Sap Pole/Sap/Sap Pole/Sap	14 Jetime DBH 9 12 9 12 9 Wtimk DBH 10 12 10 12 10 12 10 11 11	Age 80 ber Well Age 90 ber Well	23.7 Sub-Canopy Beech Ironwoo Sugar Ma 20.6 Sub-Canopy Black Sp Northern Whi Balsam	80	81-110 Density Medium Low Medium 81-110 Density Low Low High 111-140	N/A Avg. Height 5 - 10 feet 10 - 20 feet >20 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet	Size Sapling Sapling Sapling Sapling Sapling Sapling	birch and basswood, poletimber/sawtimber. Also sparse quaking aspessawtimber. Stand is slightly lower stocked with a present BA of about 9 sq. ft., with mostly smaller diameters. Landowner permission needed to access this stand. Possible thinning in 20 years. Mix of swamp conifers/deciduous poletimber/sawtimber on wet site. Areas of windthrow present. Snowmobile trail runs through stand. Adjacent to county road. Too wet to harvest.
26 27 No	Bigtooth Aspen 4110 - Sugar M Canopy Species Paper Birch Basswood Sugar Maple 6124 - Lowk Canopy Species Red Maple Quaking Aspen Black Spruce orthern White Cedar Balsam Fir 6120 - Low	10 Maple Asso √ Cover 10 5 85 and Spruce 20 15 20 15 30 wland Ceda % Cover	Log ciation Po Size Class Pole/Sap/Log Log/Pole Pole/Sap/Log Pole/Sap/Log Pole/Sap/Log Cog/Pole Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole C	14 Jata Jata </td <td>Age 80 ber Well Age 90 ber Well</td> <td>23.7 Sub-Canopy Beect Ironwoo Sugar Ma 20.6 Sub-Canopy Black Sp Northern Whi Balsam 481.3 1 Sub-Canopy</td> <td>80</td> <td>81-110 Density Medium Low Medium 81-110 Density Low High 111-140 Density</td> <td>N/A Avg. Height 5 - 10 feet 10 - 20 feet >20 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet N/A Avg. Height Avg. Height</td> <td>Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling</td> <td>birch and basswood, poletimber/sawtimber. Also sparse quaking aspessawtimber. Stand is slightly lower stocked with a present BA of about 9 sq. ft., with mostly smaller diameters. Landowner permission needed to access this stand. Possible thinning in 20 years. Mix of swamp conifers/deciduous poletimber/sawtimber on wet site. Areas of windthrow present. Snowmobile trail runs through stand. Adjacent to county road. Too wet to harvest.</td>	Age 80 ber Well Age 90 ber Well	23.7 Sub-Canopy Beect Ironwoo Sugar Ma 20.6 Sub-Canopy Black Sp Northern Whi Balsam 481.3 1 Sub-Canopy	80	81-110 Density Medium Low Medium 81-110 Density Low High 111-140 Density	N/A Avg. Height 5 - 10 feet 10 - 20 feet >20 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet N/A Avg. Height Avg. Height	Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling	birch and basswood, poletimber/sawtimber. Also sparse quaking aspessawtimber. Stand is slightly lower stocked with a present BA of about 9 sq. ft., with mostly smaller diameters. Landowner permission needed to access this stand. Possible thinning in 20 years. Mix of swamp conifers/deciduous poletimber/sawtimber on wet site. Areas of windthrow present. Snowmobile trail runs through stand. Adjacent to county road. Too wet to harvest.
26 27 No 28	Bigtooth Aspen 4110 - Sugar M Canopy Species Paper Birch Basswood Sugar Maple 6124 - Lowla Canopy Species Red Maple Quaking Aspen Black Spruce orthern White Cedar Balsam Fir 6120 - Low Canopy Species Tamarack	10 Maple Asso Kover 10 5 85 and Spruce Kover 20 15 20 15 30	Log ciation Po Size Class Pole/Sap/Log Log/Pole Pole/Sap/Log Pole/Sap/Log Pole/Sap/Log Pole/Sap/Log Pole/Log Log/Pole Log/Pole Log/Pole Log/Pole Cog/Pole/Sap ar Po Size Class Pole/Sapling	14 Jetimit DBH 9 12 9 awtimb DBH 0letimit	Age 80 ber Well Age 90 ber Well	23.7 Sub-Canopy Beech Ironwoo Sugar Ma 20.6 Sub-Canopy Black Sp Northern Whi Balsam 481.3 1 Sub-Canopy Tag Alc	80 / Species h ood laple 90 / Species oruce ite Cedar Fir 115 1 / Species der ite Cedar	81-110 Density Medium Low Medium 81-110 Density Low Low High 111-140 Density High	N/A Avg. Height 5 - 10 feet 10 - 20 feet >20 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet 10 - 20 feet N/A Avg. Height 5 - 10 feet	Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling	birch and basswood, poletimber/sawtimber. Also sparse quaking aspessawtimber. Stand is slightly lower stocked with a present BA of about 9 sq. ft., with mostly smaller diameters. Landowner permission needed to access this stand. Possible thinning in 20 years. Mix of swamp conifers/deciduous poletimber/sawtimber on wet site. Areas of windthrow present. Snowmobile trail runs through stand. Adjacent to county road. Too wet to harvest.

Report 7 – Stands

NATUR

DNR

Year of Entry: 2025

tand	Level 4 Co	over Type	5	Size De	nsity	Acres Stand Age I	BA Range	Managed	Site	General Comments	
29	6129 - Mixed Conife	erous Lowla	and Forest P	oletimb	er Well	528.0 115	111-140	N/A		Levering Swamp. Mixed swamp species. Very wet, organic soil. Difficu	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	access. Too wet to harvest. Factor limited.	
	Tamarack	15	Pole/Sapling	6		Black Spruce	Medium	10 - 20 feet	Sapling		
	Red Maple	5	Pole/Log	10		Tag Alder	High	5 - 10 feet	Tall Shrub		
	Paper Birch	5	Pole/Log	10		Northern White Cedar	Medium	10 - 20 feet	Sapling		
	Balsam Fir	15	Pole/Sap/Log	8		Balsam Fir	Medium	5 - 10 feet	Sapling		
	Black Spruce	20	Pole/Sap/Log	8						-	
Nor	rthern White Cedar	40	Pole/Sap/Log	8	115						
30	4191 - Mixed Upla Co	and Decidu onifer	ous with S	awtimb	er Well	16.9 80	81-110	N/A		Mixed species in transition area between upland northern hardwood stand and mixed conifer swamp. BA is about 100 sq. ft. presently. Only	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	access into this stand is through private ownership. Landowner denies access. Factor limited. Stand will convert to mostly balsam fir over time	
	Balsam Fir	30	Pole	8		Northern White Cedar	Low	5 - 10 feet	Sapling		
	Black Spruce	5	Pole/Log	10		Balsam Fir	High	10 - 20 feet	Sapling		
Nor	rthern White Cedar	5	Pole	8							
	Red Maple	15	Pole/Log	10							
	Bigtooth Aspen	5	Log/Pole	12							
	Paper Birch	10	Log/Pole	12							
31	4110 - Sugar M Canopy Species	% Cover	Size Class		Age	16.490Sub-Canopy Species	111-140 Density	N/A Avg. Height	Size	Stand is an island of upland northern hardwood, mostly sugar maple boltwood/poletimber surrounded by mixed conifer swamp. Fairly nice quality, although smaller stand acreage. Present BA is about 125 sq. ft.	
	Sugar Maple	90	Log/Pole	11	90	Beech	Low	5 - 10 feet	Sapling	Stand was prescribed for treatment last YOE, but access was denied by	
	Basswood	10	Log/Pole	12		Sugar Maple	Medium	10 - 20 feet	Sapling	adjacent landowner. Treatment was terminated. Factor limited. Significant amounts of deer browsing exists.	
						Balsam Fir	Low	5 - 10 feet	Sapling		
32	3105 - Mixed Up	oland Herb	aceous	Nonsto	cked	2.5 l	Jnspecified	No		Upland grass stand with encroaching hardwood, aspen, balsam fir, and white pine saps. Opening maintenance not possible because adjacent landowner denies access. Factor limited.	
33	500 -	Water		Nonsto	cked	2.0 l	Jnspecified	No		Lost Lake	
34	4199 - Other Mixed	d Upland D	eciduous S	awtimb	er Well	3.8 68	111-140	N/A		Stand is located on slightly higher ground than the adjacent swamp.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size		
	Paper Birch	15	Pole/Log	10		Balsam Fir	High	10 - 20 feet	Sapling		
	Red Maple	30	Log/Pole/Sap	11	68					advanced balsam fir regen in understory. Present BA is about 120 sq.	
	Basswood	10	Log/Pole	12						however landowner denies access to stand. Factor limited.	
	Sugar Maple	15	Log/Pole	12							
		15 15	Log/Pole Log/Pole	12 12							
	Sugar Maple										