

Compartment Review Presentation

Crystal Falls Forest Management Unit

Compartment 12118 Entry Year: 2027 Acreage: 2,032 County: Iron Management Area: Way Dam Complex

Stand Examiner: Ed Rice

Legal Description:

T46N R32W sec 6, 8, 21, 22 T45N R32W sec 4, 8, 9, 17, 18, 19, 20

Identified Planning Goals:

Optimize sustainable timber production while enhancing and protecting wildlife habitat. Continue to sustainably balance the aspen age class acres. Attempt to promote diversity in conifer species to minimize future spruce budworm impacts. Protect the riparian areas and transition zones during management activity.

Soil and topography:

Stoney/sandy complex loams with sandy loam soil interspersed throughout. The bog and lowland areas consist of black much soils.

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

Within the compartment the ownership is contiguous state land. Surrounding the compartment are large blocks of industrial forest lands (CFA) and smaller parcels of non industrial private landowners. Timber management has been ongoing throughout the area.

Unique Natural Features:

Loon have been observed on Deer Lake.

Archeological, Historical, and Cultural Features:

None identified

Special Management Designations or Considerations:

Winter deer complex

Watershed and Fisheries Considerations:

Deer River is a cold water trout stream. Bone Lake and a portion of Deer Lake are also in this compartment. Minimum buffers for lakes are 100 feet plus 5 feet per 1% increase of slope. Trout streams require a 300 foot buffer where aspen management is involved. Streams, regardless of their size or frequency of flow, are connected to downstream waters and strongly influence their function. Additionally, wetlands and open waters in riparian areas and floodplains are physically, chemically, and biologically integrated with rivers via functions that improve downstream water quality. These systems act as effective buffers to protect downstream waters from pollution and are essential components of river food webs. BMP's should be implemented to control sediment sources from adjacent uplands. Fine sediments such as silt and sand negatively affect natural reproduction of fish, decrease the diversity of aquatic invertebrate and fish taxa, and result in lower overall fish populations.

Wildlife Habitat Considerations:

This compartment is primarily important as a north-south corridor between Shank Lake Deeryard and the Deer Lake Deeryard. This area historically held an abundance of deer that the heavily cut deeryard to the east used to hold. Much of the compartment is relatively young aspen, which is suitable for featured species grouse, deer, woodcock and bear. Lowlands are suitable habitat for snowshoes, bobcat, fisher, beaver, muskrat and otter. Current winter deer use is very limited.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of coarse-textured till and glacial outwash sand and gravel and post-glacial alluvium. There is insufficient data to determine the glacial drift thickness (greater than 100 feet in places). Intrusive igneous rocks and the Proterozoic Hemlock Formation underlie the glacial drift. The Hemlock does not have a current economic use. Abandoned iron mines are located six miles to the southwest, part of the Western Menominee Iron Range. This compartment was previously leased for metallic exploration and potential may exist. The nearest gravel pit is one mile to the north, but there should be some potential in the compartment. There is no economic oil and gas production in the UP.

Vehicle Access:

Good to fair, the Deer Lake Road runs through the middle of the compartment and is an improved gravel county road.

Survey Needs:

T45N R32W sec 4W1/16SW1/16W1/16 sec 4, 9

Recreational Facilities and Opportunities:

Deer Lake State Forest Campground and Boat Access Site is located within the compartment.

Fire Protection:

Much of this compartment holds an extremely heavy spruce/fir component. This high fuel loading combined with recent spruce budworm lends to potential for a large fire. Given the alignment of weather conditions and fuel, a fire on such a day will pose extremely problematic to control efforts. For the uplands, access is generally good, however there are large expanses of bog that would pose access problems. Water sources are plentiful.

Additional Compartment Information:

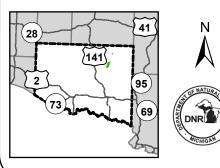
The following reports from the Inventory are attached: Total Acres by Cover Type and Age Class Cover Type by Harvest Method Proposed Treatments – No Limiting Factors Proposed Treatments – With Limiting Factors Stand Details (Forested and Nonforested) Dedicated and Proposed Special Conservation Areas Site Condition Details

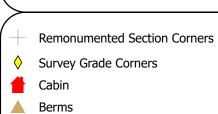
The following information is displayed, where pertinent, on the attached compartment maps: Base feature information, stand boundaries, cover types, and numbers Proposed treatments

Site condition boundaries Details on the road access system

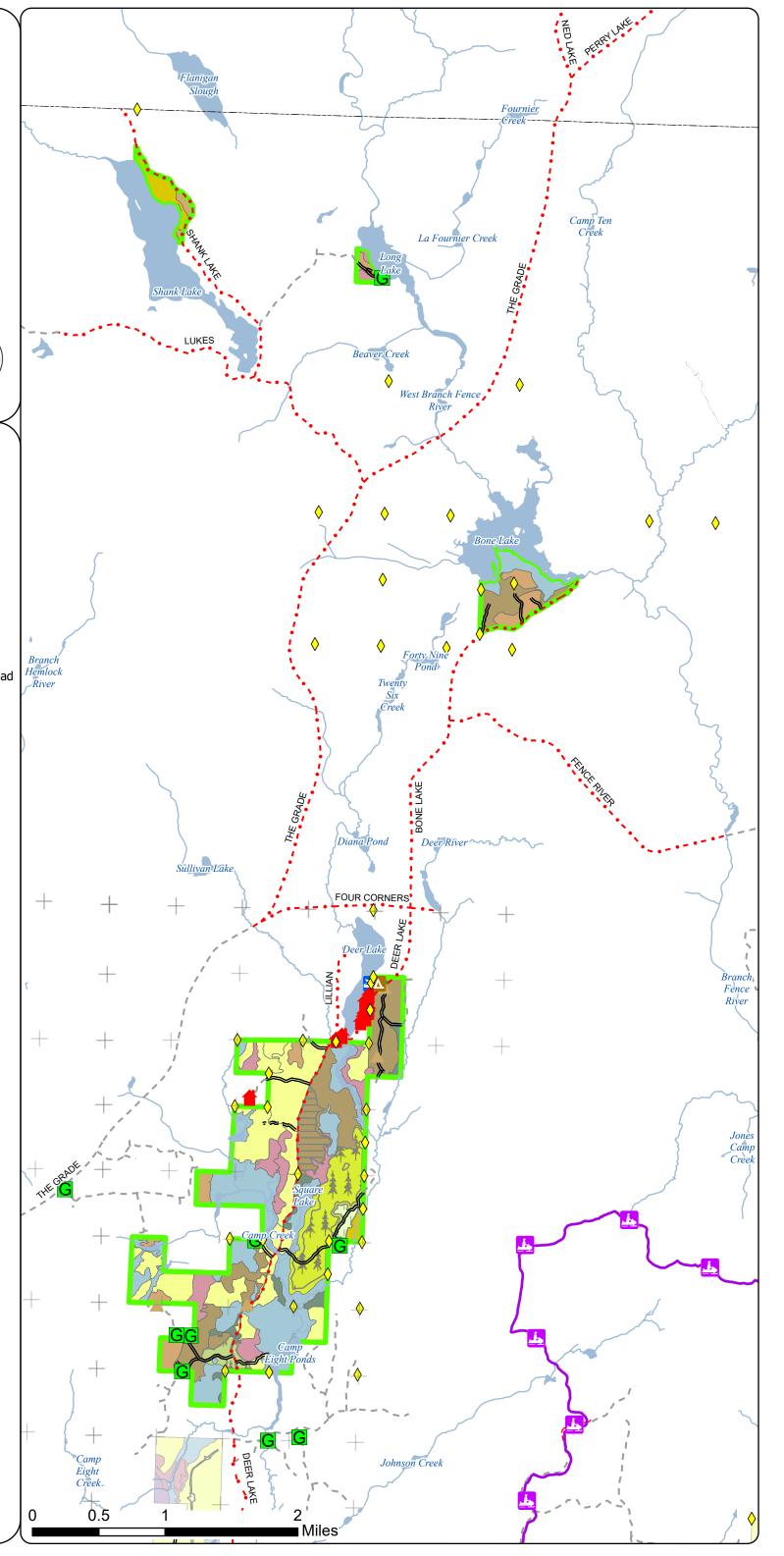
Cover Type & Treatments Map



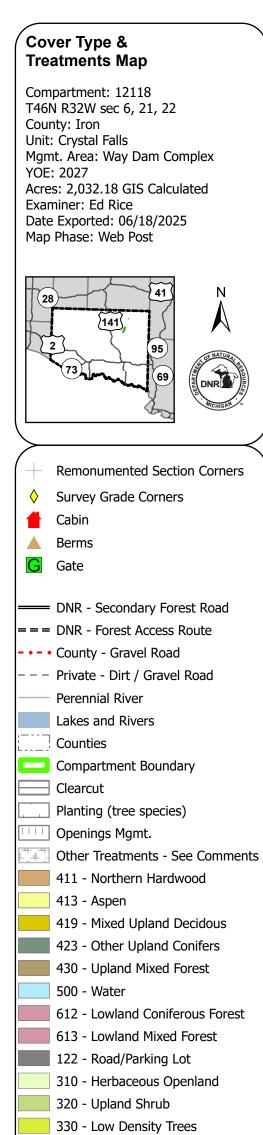




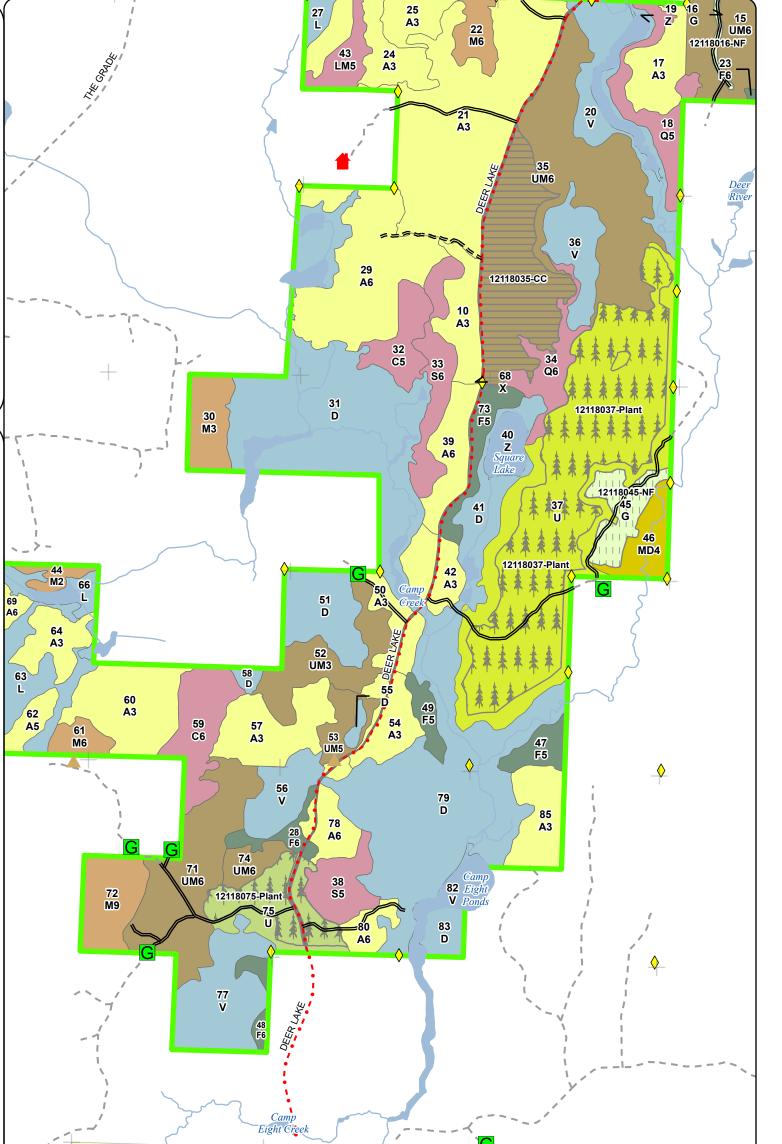
- BermGate
- Boating Access Site
- Campground
- Designated Snowmobile Trails
- DNR Secondary Forest Road
- = = = DNR Forest Access Route
- Federal / State / County Paved Road
- County Gravel Road
- --- County Dirt Road (Seasonal)
- - Private Dirt / Gravel Road
- Intermittent Stream
- Perennial River
- Lakes and Rivers
- Counties
- Compartment Boundary
- Clearcut
- TABLE FINITING (Tree species)
- Openings Mgmt.
- Other Treatments See Comments
- 411 Northern Hardwood
- 413 Aspen
- 419 Mixed Upland Decidous
- 422 Natural Pines
- 423 Other Upland Conifers
- 430 Upland Mixed Forest
- 500 Water
 - 612 Lowland Coniferous Forest 613 - Lowland Mixed Forest
 - 122 Road/Parking Lot
- 310 Herbaceous Openla

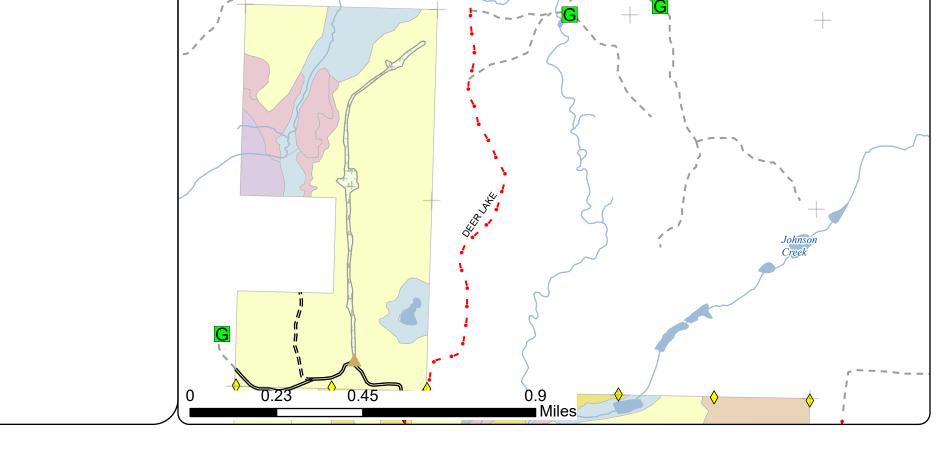


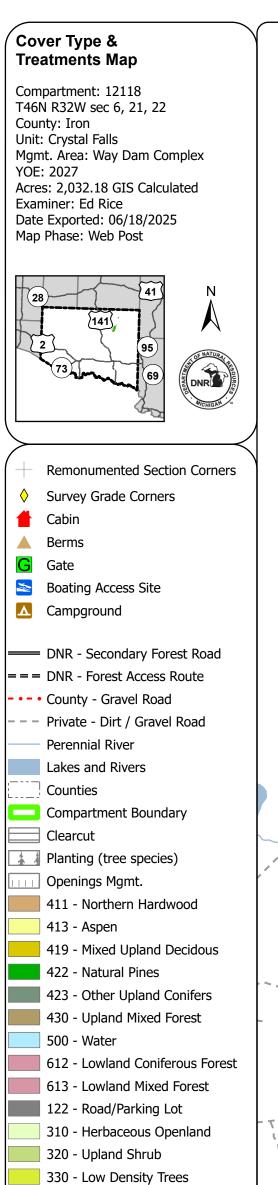


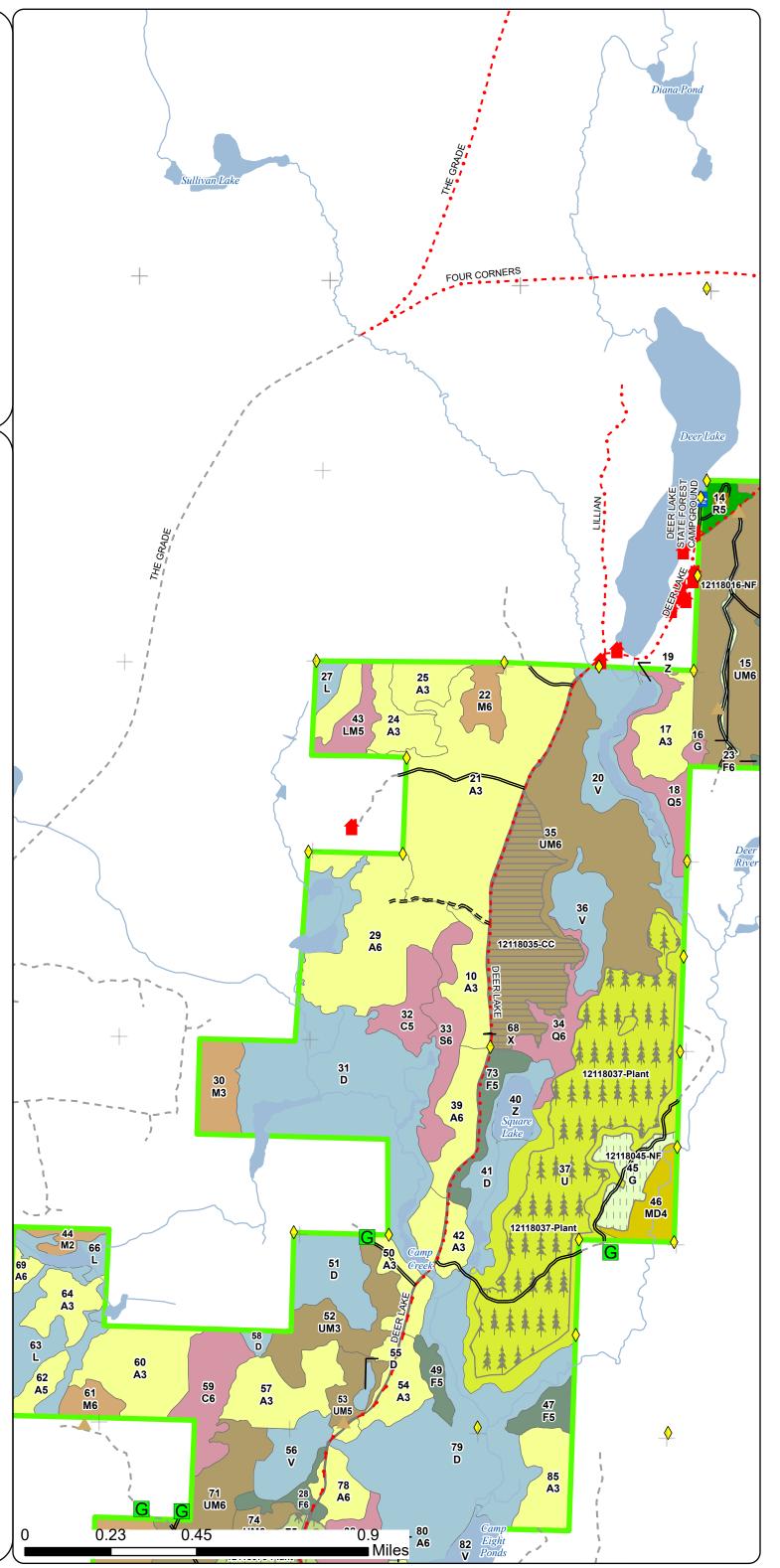


622 - Lowland Shrub

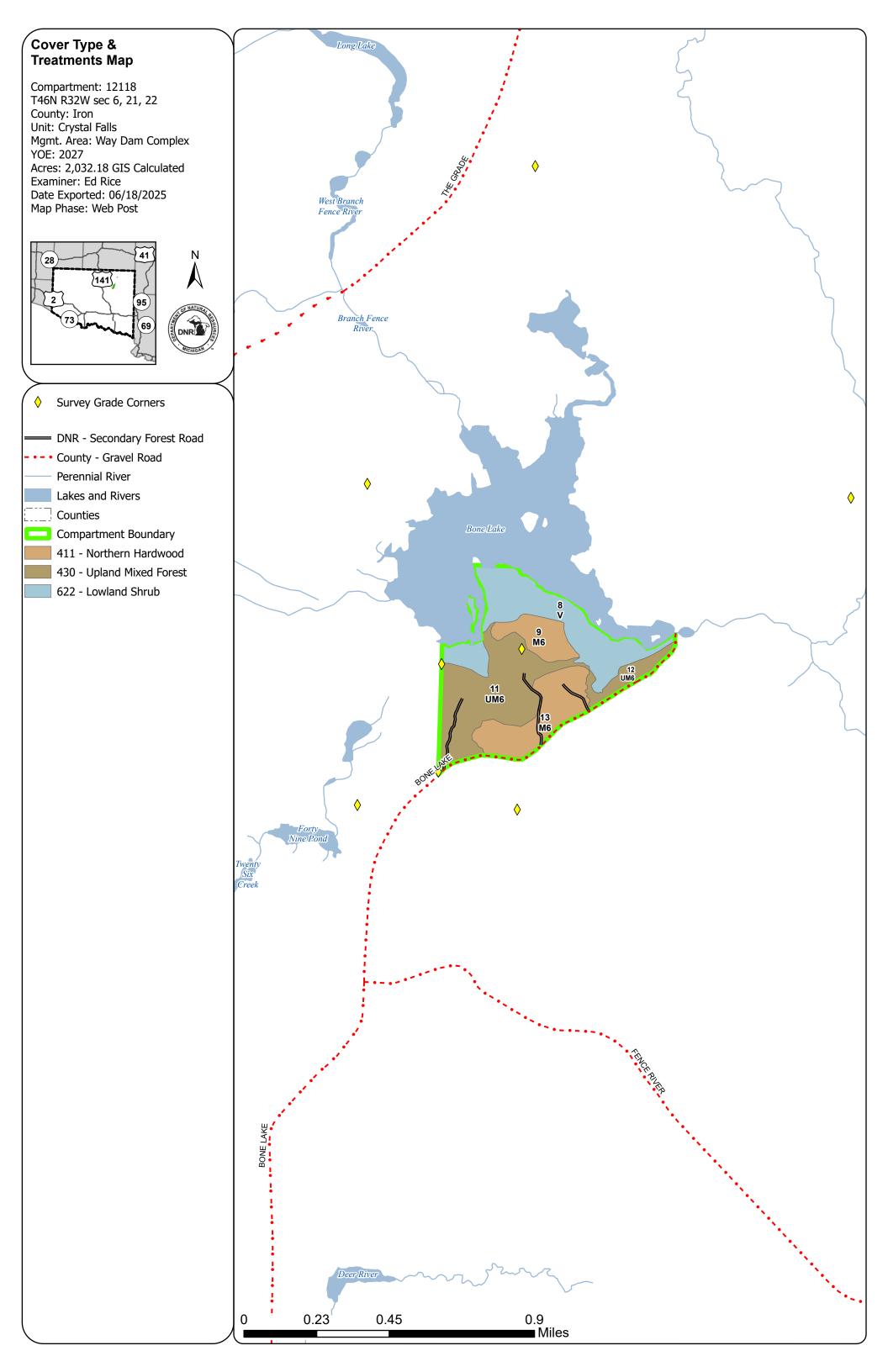


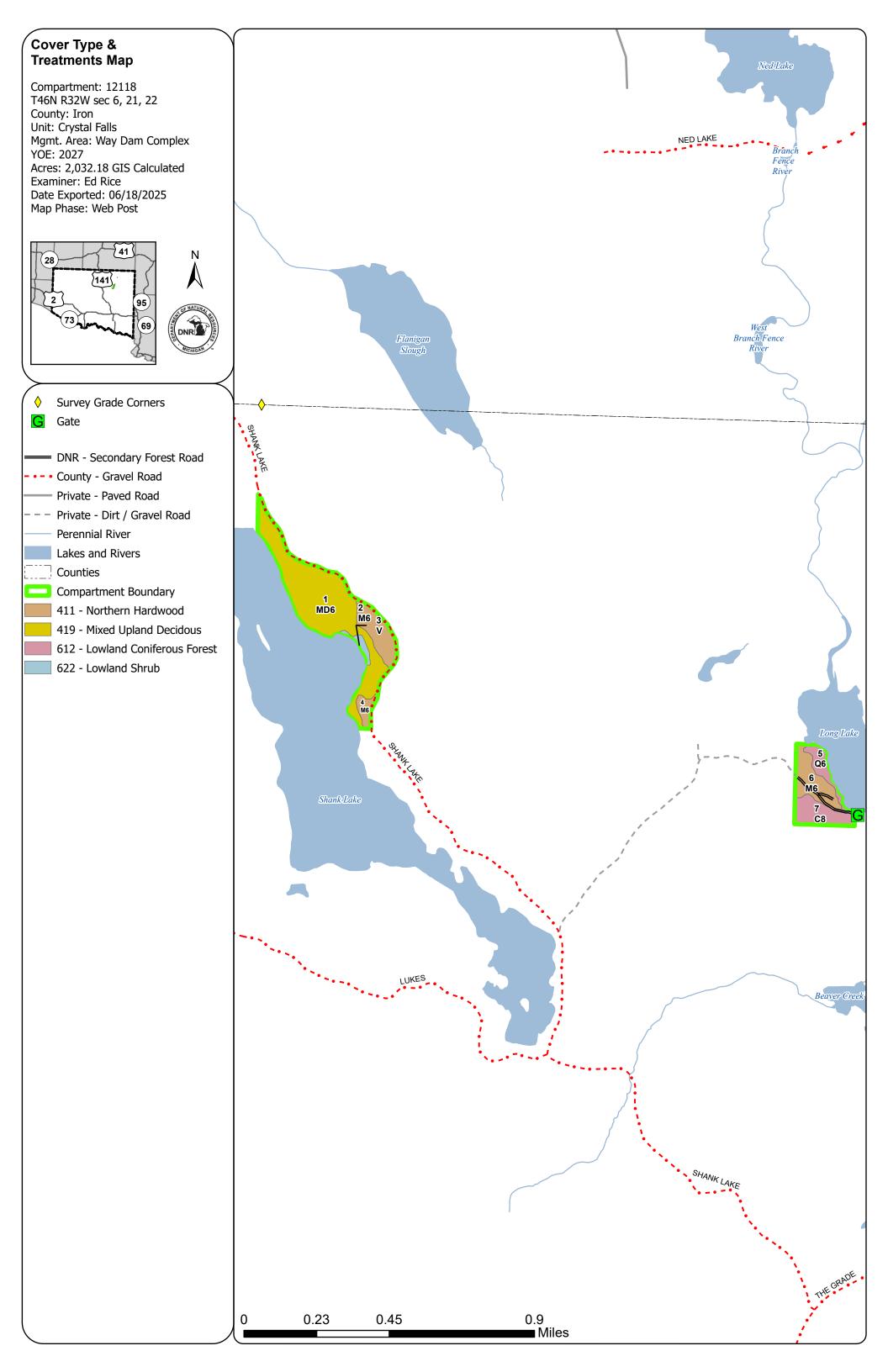






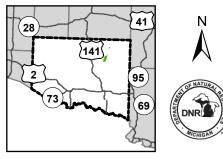
622 - Lowland Shrub



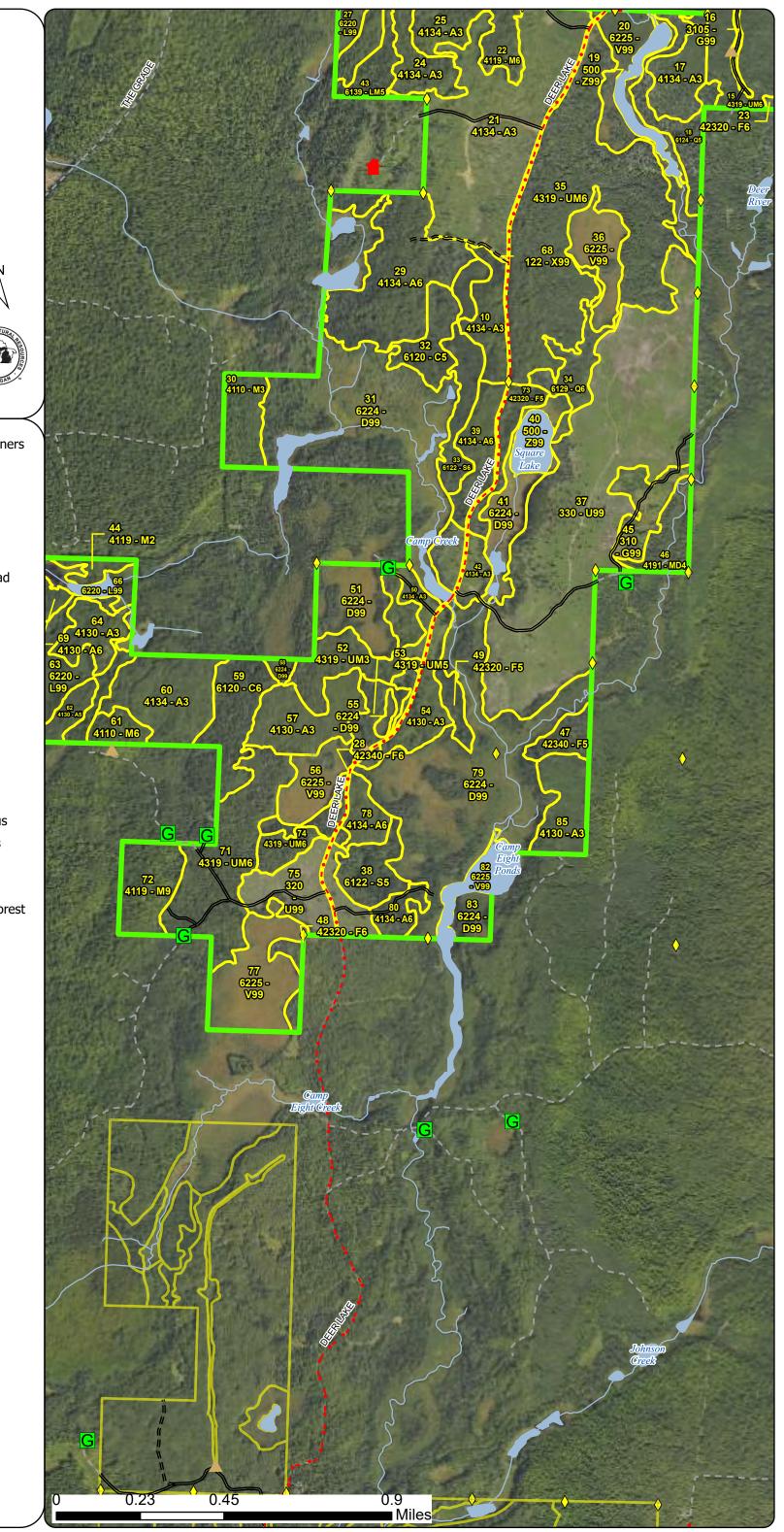


Stand Boundary Map

Compartment: 12118 T46N R32W sec 6, 21, 22 County: Iron Unit: Crystal Falls Mgmt. Area: Way Dam Complex YOE: 2027 Acres: 2,032.18 GIS Calculated Examiner: Ed Rice Date Exported: 06/18/2025 Map Phase: Web Post

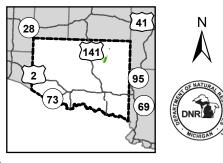


Remonumented Section Corners \diamond Survey Grade Corners Cabin Berms G Gate DNR - Secondary Forest Road DNR - Forest Access Route = = = • - • County - Gravel Road -- Private - Dirt / Gravel Road Perennial River Lakes and Rivers Counties Compartment Boundary Stand Outline 411 - Northern Hardwood 413 - Aspen 419 - Mixed Upland Decidous 423 - Other Upland Conifers 430 - Upland Mixed Forest 500 - Water 612 - Lowland Coniferous Forest 613 - Lowland Mixed Forest 122 - Road/Parking Lot 310 - Herbaceous Openland 320 - Upland Shrub 330 - Low Density Trees 622 - Lowland Shrub

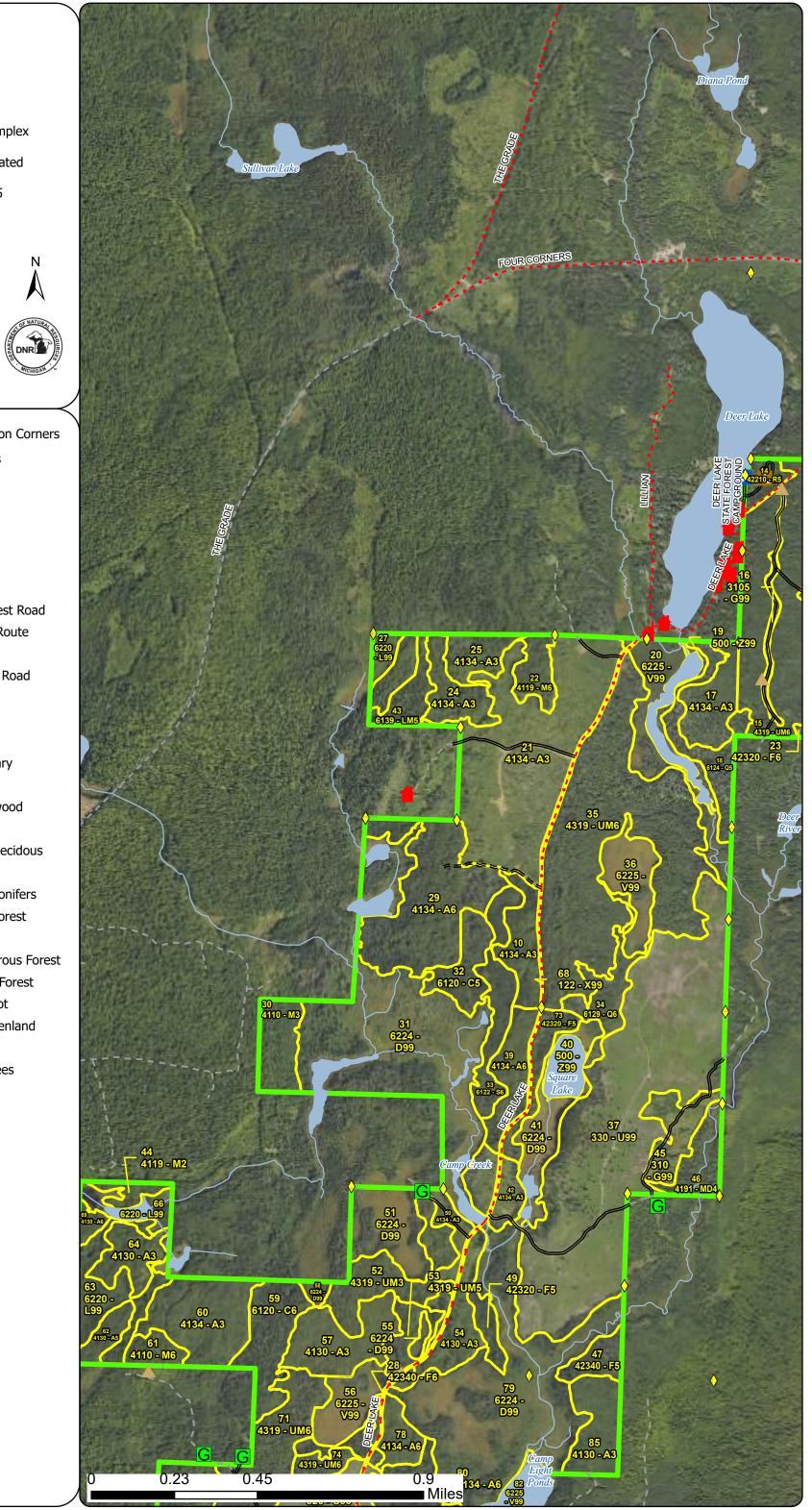


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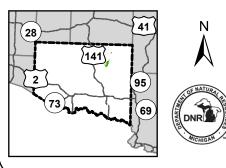


+	Remonumented Section Corners
\diamond	Survey Grade Corners
	Cabin
	Berms
G	Gate
	Boating Access Site
Δ	Campground
	DNR - Secondary Forest Road
	DNR - Forest Access Route
	County - Gravel Road
	Private - Dirt / Gravel Road
	Perennial River
	Lakes and Rivers
	Counties
	Compartment Boundary
	Stand Outline
	411 - Northern Hardwood
	413 - Aspen
	419 - Mixed Upland Decidous
	422 - Natural Pines
	423 - Other Upland Conifers
	430 - Upland Mixed Forest
	500 - Water
	612 - Lowland Coniferous Forest
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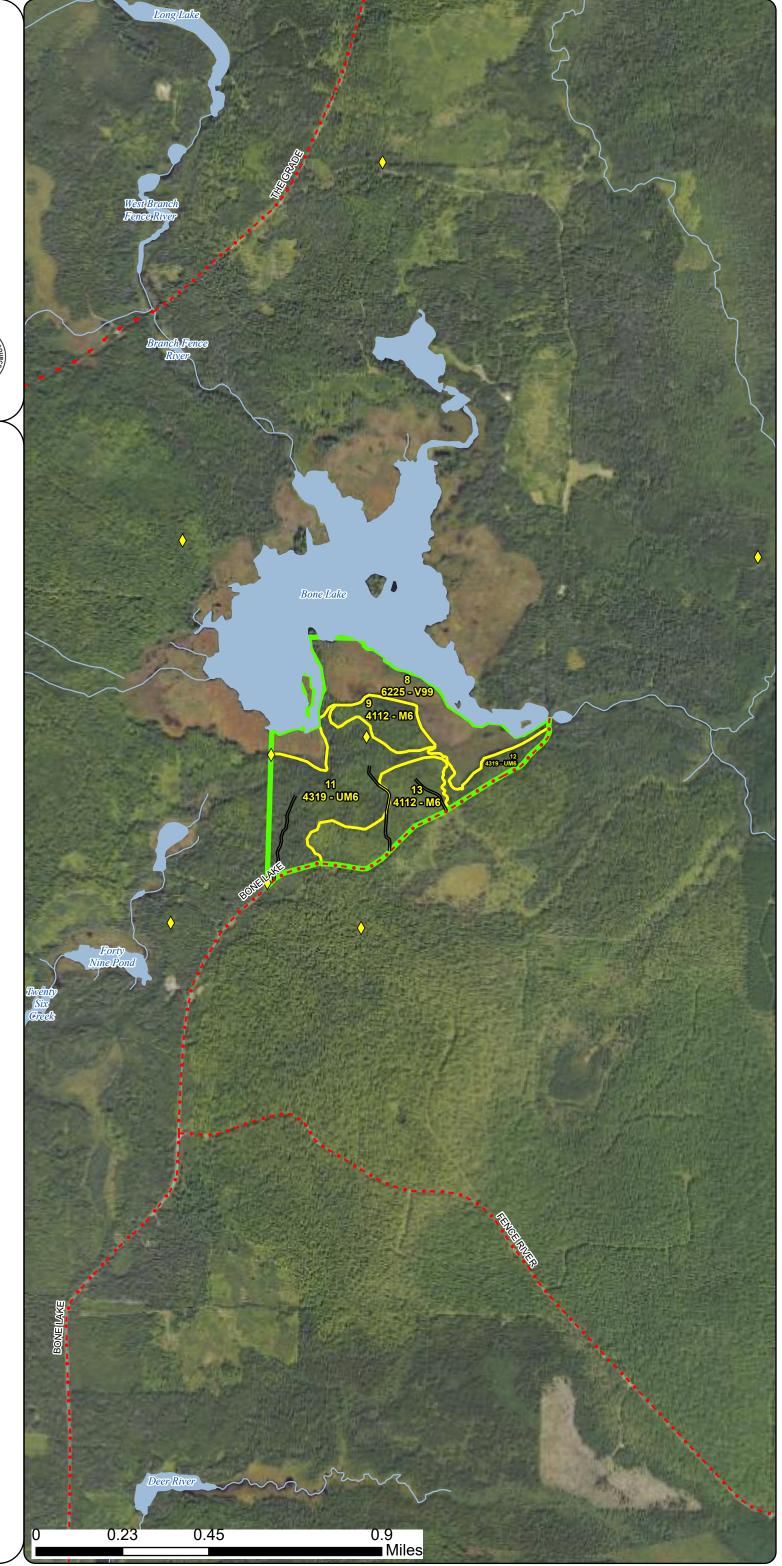


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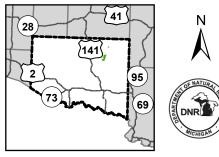


Survey Grade Corners
 DNR - Secondary Forest Road
 County - Gravel Road
 Perennial River
 Lakes and Rivers
 Counties
 Compartment Boundary
 Stand Outline
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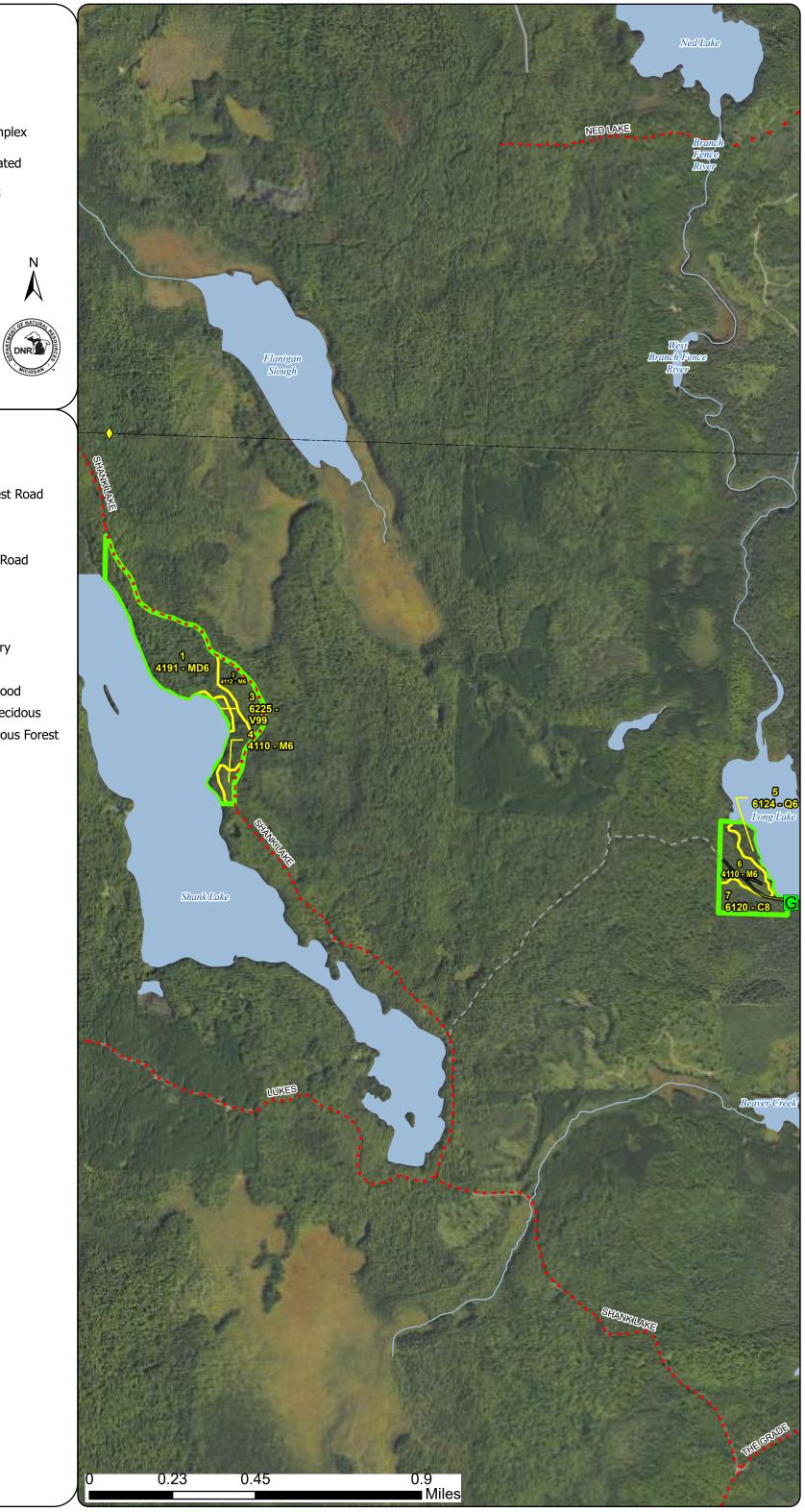
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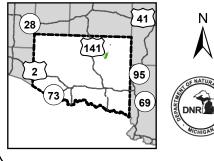
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- 612 Lowland Coniferous Forest
- 622 Lowland Shrub



Special Conservation Areas & Site Conditions Map

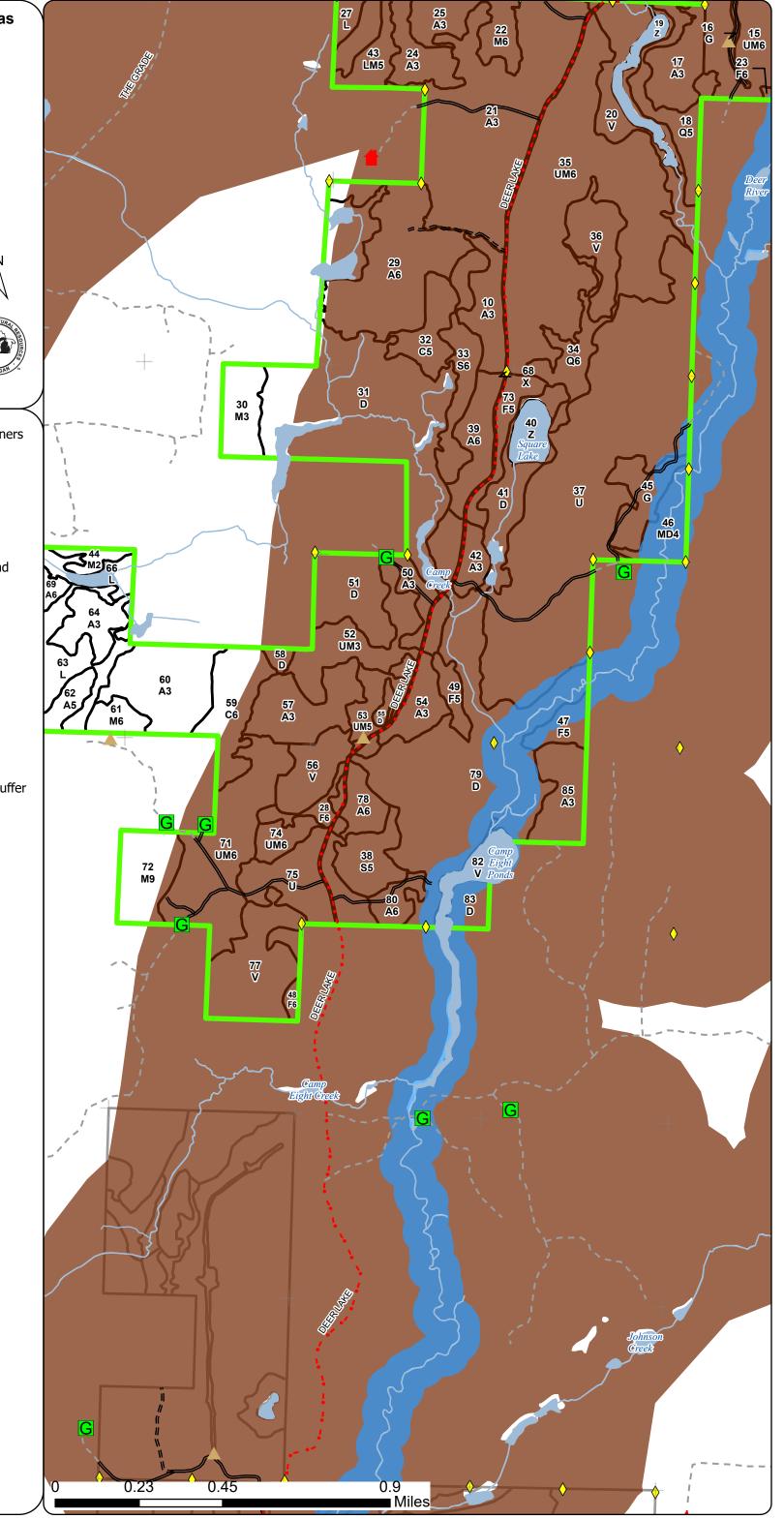
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- Remonumented Section Corners
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- 🔺 Berms
- G Gate

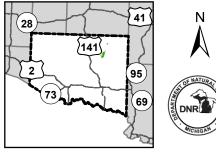
DNR - Secondary Forest Road
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Perennial River
Lakes and Rivers
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Compartment Boundary
Stand Boundaries
Cold Water Streams
High Priority Trout Stream Buffer

Deer Winter Range

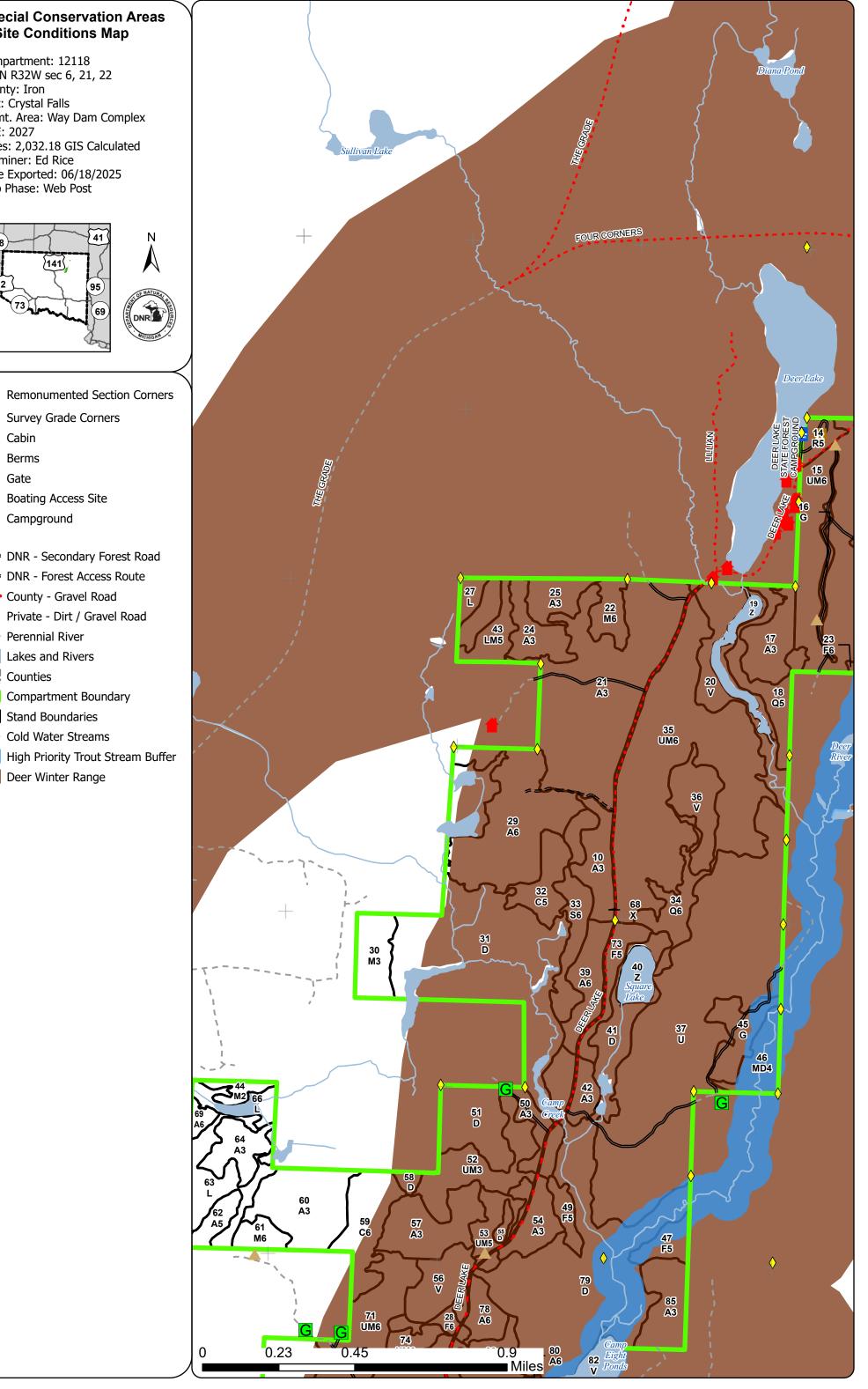


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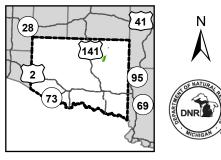


 \diamond Survey Grade Corners Cabin Berms G Gate 2 **Boating Access Site** Δ Campground DNR - Secondary Forest Road = DNR - Forest Access Route County - Gravel Road Private - Dirt / Gravel Road -Perennial River Lakes and Rivers Counties **Compartment Boundary** Stand Boundaries Cold Water Streams High Priority Trout Stream Buffer Deer Winter Range

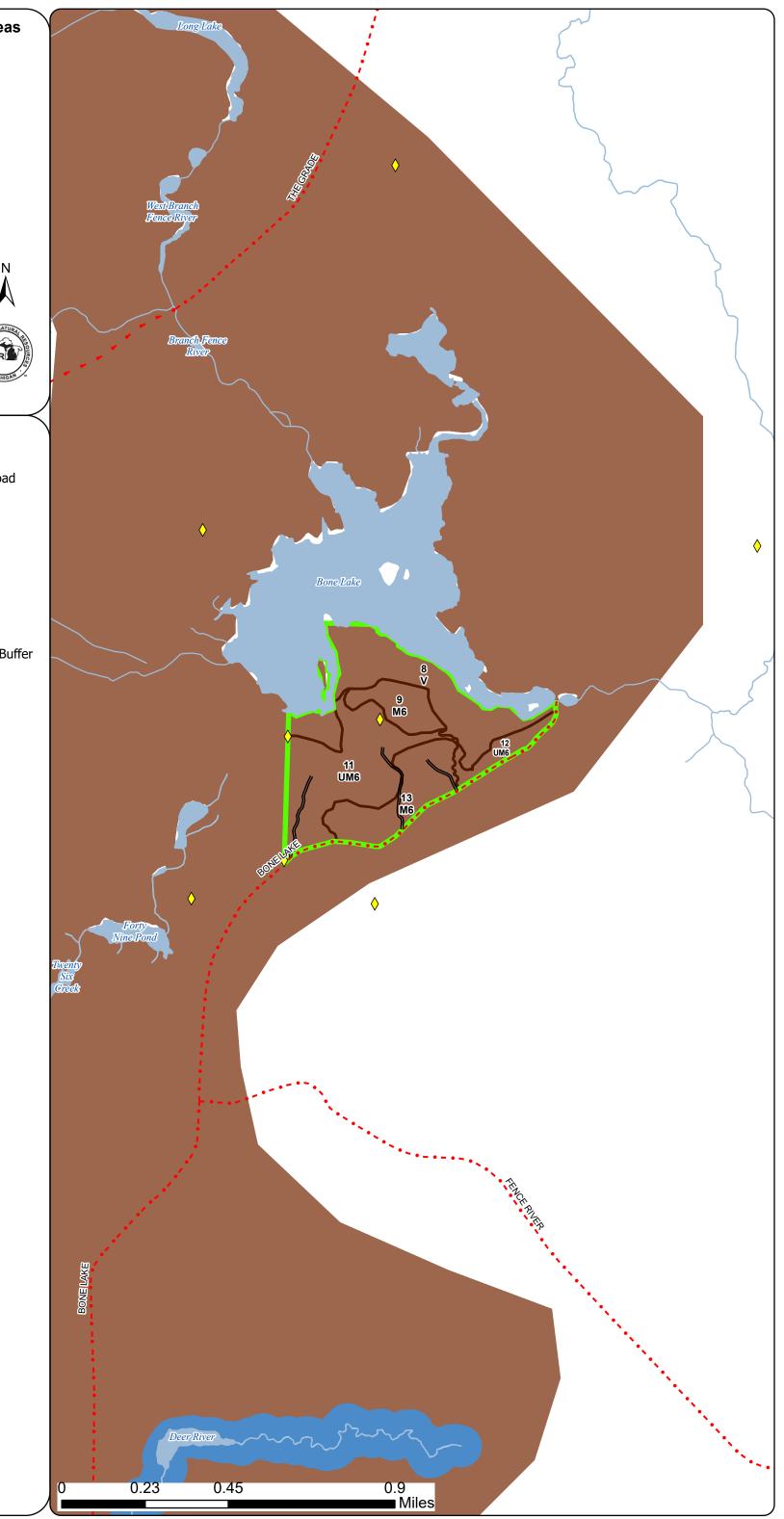


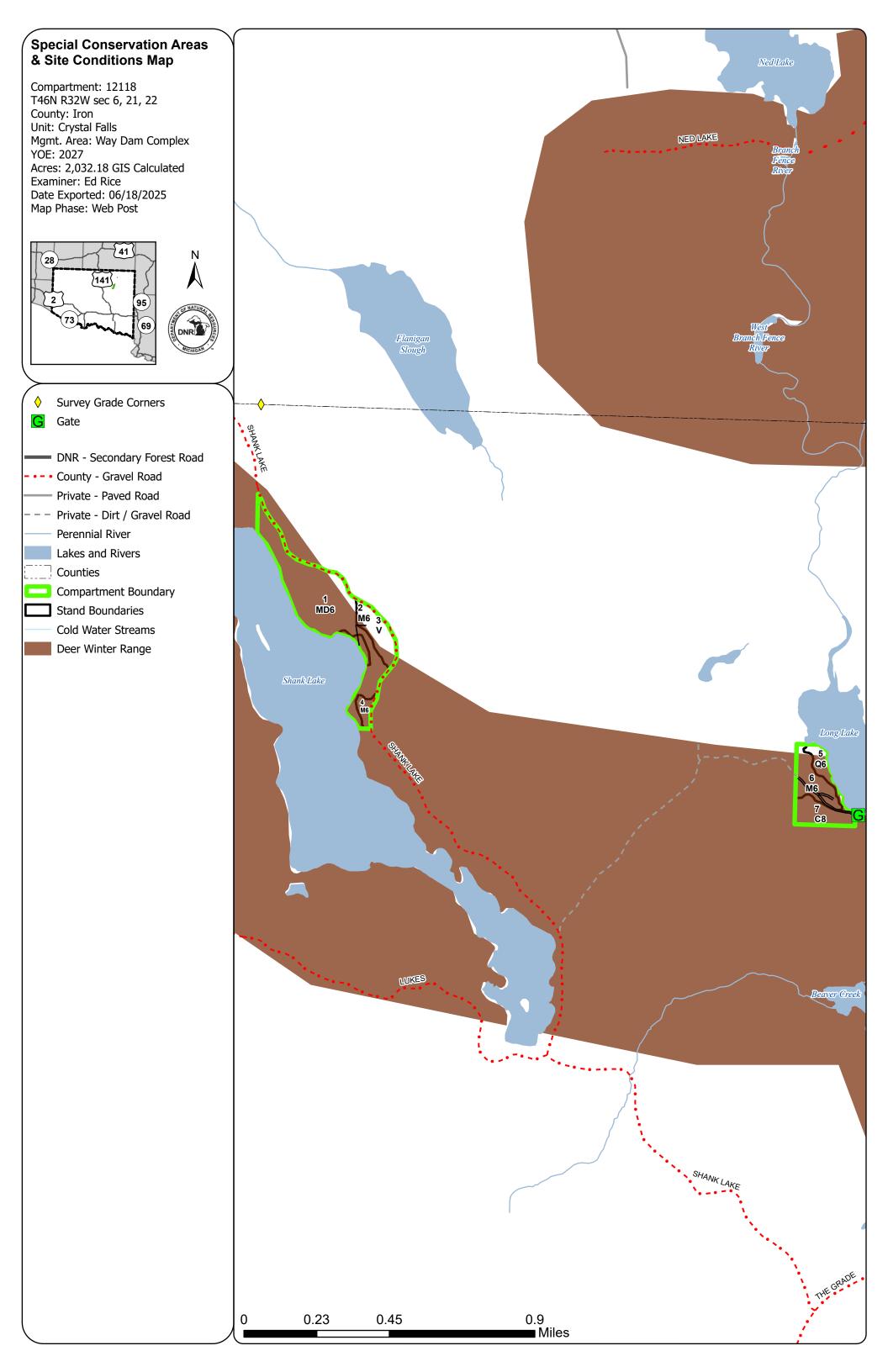
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- Survey Grade Corners
- DNR Secondary Forest Road
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 Compartment Boundary
 Stand Boundaries
 Cold Water Streams
 - High Priority Trout Stream Buffer
 Deer Winter Range





Report 1 – Total Acres by Cover Type and Age Class

Crystal Falls Mgt. Unit

Ed Rice: Examiner

Compartment 118 Year of Entry 2027

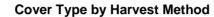


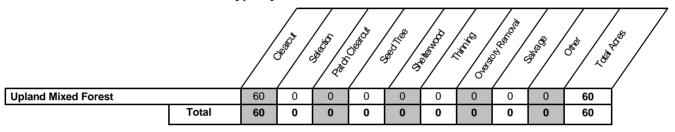
Age Class

	Hor	KO ^E	\$	01. 24		3 12	\$ \$	3		\$ \$	and	8	an an	Q. 4	87. 19	07. 19. 19. 19.	200 - 52	y June	Long Long
Aspen	0	139	41	141	45	74	0	0	0	0	0	0	0	0	0	0	0	0	439
Bog	173	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	173
Cedar	0	0	0	0	0	0	0	0	0	0	0	17	8	26	0	0	0	0	50
Herbaceous Openland	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23
Low-Density Trees	195	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	195
Lowland Conifers	0	0	0	0	0	5	0	17	21	0	0	0	0	0	0	0	0	0	43
Lowland Mixed Forest	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	11
Lowland Shrub	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42
Lowland Spruce/Fir	0	0	0	0	0	0	0	17	23	0	0	0	0	0	0	0	0	0	40
Mixed Upland Deciduous	0	0	0	0	0	0	15	40	0	0	0	0	0	0	0	0	0	0	55
Northern Hardwood	0	0	0	17	6	0	0	11	11	0	0	0	0	0	0	0	0	84	129
Red Pine	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	7
Treed Bog	317	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	317
Upland Mixed Forest	0	0	0	29	56	155	103	54	0	0	0	0	0	0	0	0	0	0	395
Upland Shrub	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33
Upland Spruce/Fir	0	0	0	0	9	19	19	5	0	0	0	0	0	0	0	0	0	0	52
Urban	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Water	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
Total	810	139	41	187	116	264	144	144	55	0	0	17	8	26	0	0	0	84	2031



MICHIGAN SH	Crystal Falls Mgt. Unit Year of Entry: 2027	Acres of Harvest	Compartment 118 Total Compartment Acres: 2,032
		Commercial Harvest - 60	
		Harvests with Site Condition - 0	
		Next Step Harvest - 0	
		Habitat Cut - 0	





Proposed and Next Step Treatments by Method

		/.	ice ice	Contraction of the second	O ^{lin} O	O C	ouin C	A. Colicio	in os	ONO NO	ピ / ゐ	S. S
Current		60	0	173	0	0	0	0	0	23	255	
Next Step		0	0	0	0	0	0	345	0	0	345	
	Total	60	0	173	0	0	0	345	0	23	600	

S t	C	rystal Fall	s Mgt. Unit		Repor	t3 T	Freatments		Compartmen Year of Entry	DRR DURCER	
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habita Cut
<u>)056</u>	ed Treatmer	<u>nts:</u>									
35	12118035-CC	60.04	1319 - Mixed Upland Forest	6	46	81-110	Harvest	Clearcut	42140 - Planted Mixed Pine	Planting Record	No
Pres Spec		st all aspen	, jack pine, spruce ar	nd balsam	fir trees	that are 4	.6" DBH and lar	ger. Retain all bla	ck cherry, paper bir	ch, red pine a	and white
	t Step_ atments:										
Trea	t <u>Step</u> t <u>tments:</u> eptable A mix	of white pir	ne, red pine and scatt	ered aspe	n accep	table.					
<u>Trea</u> <u>Acce</u> <u>Reg</u> e <u>Othe</u>	t <u>Step</u> a <u>tments:</u> e <u>ptable</u> A mix <u>en:</u>	·	ne, red pine and scatt ix of red pine and wh		·		plant in alternatin	g rows			
<u>Trea</u> <u>Acce</u> <u>Rege</u> <u>Othe</u> <u>Com</u>	<u>t Step</u> <u>ttments:</u> <u>eptable</u> A mix <u>en:</u> <u>er</u> flat pla	·	•		·		plant in alternatin	g rows			

Approved Treatments:

75	12118075- Plant	25.0 320 - Upland Shrub	99	Planting		42120 - Planted Jack Pine	Planting Record	No
Presc Specs								
<u>Next S</u> Treatr		g, Artificial Regen; Monitoring,	Artificial Regen (3yr)					
<u>Accep</u> <u>Reger</u>	<u>n:</u> jack pine							
<u>Other</u> Comn		o Treat = 100%						
<u>Site C</u>	ondition:							
Propo	sed Start Date:	10/01/2024						
45	12118045-NF	17.0 310 - Herbaceous Openland	99	NonForestMgt	Openings Mgmt.	310 - Herbaceous Openland	Previous Inventory	No
Presc Specs		dition maintained by burning or	mechanical treatment.					
<u>Next S</u> Treatr								
<u>Accep</u> <u>Reger</u>								
<u>Other</u> Comn								
Site C	ondition:							
<u>Propo</u>	sed Start Date:	10/01/2016						

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Report 3 -- Treatments

Compartment: 118 Year of Entry: 2027 DNR DNR R

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
37	12118037- Plant	147.6	330 - Low-Density Trees	99			Planting		4212 - Planted Jack Pine	Planting Record	No
Presc Specs											
<u>Next S</u> Treatr	<u>Step</u> Monito <u>ments:</u>	ring, Artific	cial Regen; Monitorin	ig, Artificia	l Regen	(3yr)					
<u>Accep</u> <u>Rege</u> i	<u>otable</u> jack pi <u>n:</u>	ne, w pine	, r pine								
<u>Other</u> Comr		nt to Treat	= 100%								
	Condition:										
Propo	sed Start Date	<u>:</u> 10/01/2	2024								
16	12118016-NF	5.53	3105 - Mixed Upland Herbaceous	99			NonForestMgt	Openings Mgmt.	310 - Herbaceous Openland	Previous Inventory	No
Presc Spece		condition m	naintained by burning	or mecha	nical trea	atment.					
<u>Next S</u> Treatr	<u>Step</u> ments:										
<u>Accep</u> Rege											
<u>Other</u> Comr											
<u>Site C</u>	Condition:										
Propo	sed Start Date	<u>:</u> 10/01/2	2016								
Tat	al Treatment										

Total Treatment Acreage Proposed: 255.1

Compartment: 118 Year of Entry: 2027 DNR DNR B

Ed Rice: Examiner

Availability for Management

Total	Acres	Acres Avail	Acres		Domina	nt Site	e Con	dition	s	
Acres	Available	With Condition	Not Available		4A	2G	3H	3J	5D	5E
418	409	0	8	Aspen						8
173	173	0	0	Bog						
50	0	0	50	Cedar			26		24	
23	23	0	0	Herbaceous Openland						
15	0	0	15	Low-Density Trees						15
43	0	0	43	Lowland Conifers				26		17
11	0	0	11	Lowland Mixed Forest						11
42	42	0	0	Lowland Shrub						
40	0	0	40	Lowland Spruce/Fir		17			23	
54	0	0	55	Mixed Upland Deciduous				55		
128	95	9	25	Northern Hardwood	9			25		
1	0	0	1	Red Pine				1		
317	317	0	0	Treed Bog						
269	206	0	62	Upland Mixed Forest				54		9
6	0	0	6	Upland Shrub				6		
52	16	0	36	Upland Spruce/Fir				36		
9	9	0	0	Urban						
18	18	0	0	Water						
1,667	1,307	9	352	Total Forested Acres	9	17	26	201	47	60
	78%	1%	21%	Relative Percent						

*Due to limitations in the current Site Conditions Analysis tool, all nonforested acres are considered available. Future development will enable analysis of nonforested types.

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Available	4A: No markets available for these forest products	9	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: small acreage and I	ow volume for timber sale in t	his remo	te stand.			

	-	ll Falls Mgt. Unit d Rice: Examiner		Report 4 – Site Condit	tions	Compartment: 118 Year of Entry: 2027	THE MAKENE
2	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	5	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
3	Unavailable	5E: Long-Term Retention	2	3J: Water quality/BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
	Comments:						
4	Unavailable	5D: Unproductive forest land	17	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
5	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	50	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified	Unspecified
	Comments:						
6	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	1	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
	Comments:						
7	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	68	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: multiple vernal area	as throughout the stand make s	ale pr	eparation not feasible			

hab with Comments: very good potential for loc 9 Unavailable 3J: ' (str Comments: 10 Unavailable 5D: ' Comments: small acre cedar stand in 11 Unavailable 5E: L Comments:	(stream, river, or lake) 5D: Unproductive forest 8 Iand 8 nd in remote area far from markets 5E: Long-Term Retention 1 5E: Long-Term Retention 15	Unspecified Unspec	cified Unspecified	Unspecified
very good potential for loc 9 Unavailable 3J: 1 10 Comments: (str 10 Unavailable 5D: 1 10 Unavailable 5D: 1 11 Unavailable 5E: 1 12 Unavailable 5E: 1	3J: Water quality/BMPs (stream, river, or lake) 6 5E: L 5E: Long-Term Retention 5D: Unproductive forest land 8 and in remote area far from markets 5E: Long-Term Retention 1 5E: Long-Term Retention 15	ong-Term Retention Unspec	cified Unspecified	
(str Comments: 10 Unavailable 5D: Comments: small acre cedar stand in 11 Unavailable 5E: L Comments: 12 Unavailable 5E: L	(stream, river, or lake) 5D: Unproductive forest 8 Iand 8 nd in remote area far from markets 5E: Long-Term Retention 1 5E: Long-Term Retention 15			
10 Unavailable 5D: Comments: small acre cedar stand in 11 Unavailable 5E: L Comments: 12 Unavailable 5E: L	Iand nd in remote area far from markets 5E: Long-Term Retention 1 5E: Long-Term Retention 15	Unspecified Unspeci	cified Unspecified	Increating
Comments: small acre cedar stand in 11 Unavailable 5E: L Comments: 12 Unavailable 5E: L	Iand nd in remote area far from markets 5E: Long-Term Retention 1 5E: Long-Term Retention 15	Unspecified Unspec	cified Unspecified	Unencoified
small acre cedar stand in 11 Unavailable 5E: L Comments: 12 Unavailable 5E: L	5E: Long-Term Retention 1 5E: Long-Term Retention 15			Unspecified
Comments: 12 Unavailable 5E: L	5E: Long-Term Retention 15			
12 Unavailable 5E: L		Unspecified Unspec	cified Unspecified	Unspecified
Comments:	5E: Long-Term Retention 7 3J: V	Unspecified Unspeci	cified Unspecified	Unspecified
Comments.	5E: Long-Term Retention 7 3J: V			
13 Unavailable 5E: I		Vater quality/BMPs Unspece eam, river, or lake)	cified Unspecified	Unspecified
Comments:				

	_	l Falls Mgt. Unit d Rice: Examiner		Report 4 – Site Cor	nditions	Compartment: 118 Year of Entry: 2027	DR NATURAL CHILDREN
14	Unavailable	5E: Long-Term Retention	26	3J: Water quality/BMPs (stream, river, or lake)	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified
C	Comments:						
15	Unavailable	5E: Long-Term Retention	1	3J: Water quality/BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
C	Comments:						
16	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
17	Unavailable	5E: Long-Term Retention	3	3J: Water quality/BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
C	Comments:						
18	Unavailable	5D: Unproductive forest land	23	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
C	Comments:						
19	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	7	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: general buffer to ac	ljacent lowlands and drainage.	very lo	ow productivity			

	_	l Falls Mgt. Unit d Rice: Examiner		Report 4 – Site Condi	tions	Compartment: 118 Year of Entry: 2027	OT HATURE HE OF
20	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	21	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	Unspecified	Unspecified	Unspecified
(Comments:						
21	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	12	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
22	Unavailable	5E: Long-Term Retention	11	3A: Conservation values incompatible with harvest at this time	Unspecified	Unspecified	Unspecified
(Comments:						
23	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	5	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: stand is adjacent to	b bog, small acreage, and no ro	ad acc	ess through private			
24	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	12	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: stand adjacent to S	Square Lake and associated lov	vlands				
25	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	17	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

	-	l Falls Mgt. Unit d Rice: Examiner		Report 4 – Site Co	nditions	Compartment: 118 Year of Entry: 2027	DR MATURAL MICHIGAN	
26	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	15	Unspecified	Unspecified	Unspecified	Unspecified	
-	omments: out stream buffer	removes most of stand						

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 7 – Stands

Compartment: 118 Year of Entry: 2027



Stand	d Level 4 C			Level 4 Cover Type				Jpland Deciduous with	d Deciduous with		Size Density		Acres	J-		ge Managed Site		
1		and Decidu onifer	ious with	Poletimber Well		39.5	65	51-80	N/A		2027 YOE: no change from below2017 YOE: mixed stand. large w pine 24" dbh +. R maple is low quality, stand interspersed with low							
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	ground pockets holding tag alder and minor amounts of cedar. Hemk groves scattered throughout, especially towards the N end of stand.							
	Yellow Birch	20		9		Wh	nite Pine	Low	< 5 feet	< 5 feet								
	White Pine	10		26		Bal	lsam Fir	High	10 - 20 feet	10 - 20 feet								
	Balsam Fir	15	Sapling	6		Whit	e Spruce	High	10 - 20 feet	10 - 20 feet								
	White Spruce	10	Sapling	6		He	emlock	Low	< 5 feet	< 5 feet								
	Hemlock	5		24		Sug	ar Maple	Low	10 - 20 feet	10 - 20 feet								
	Red Maple	30		9	65						-							
2	4112 - Maple, Beed	ch, Cherry	Association	Poletimb	er Well	8.2	71	81-110	N/A		2017 YOE: scattered large hemlock 24" +. S end of stand heavier to $_{\rm T}$ maple saplings.							
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	Thaple sapilitys.							
	White Spruce	5		18		Sug	ar Maple	Medium	10 - 20 feet	10 - 20 feet								
	Hemlock	5		26														
	Sugar Maple	50	Seedling	8	71													
	Red Maple	30	Seedling	8														
	Yellow Birch																	
		10	Seedling	8														
-	6225	5 - Bog	0	Unspe		2.6	74	81-110	No		tag alder/bog along Shank Lake 2027 YOE: little change from 2017, 2017 YOE: well formed h maple							
_	6225 4110 - Sugar N	5 - Bog Maple Asso	ciation	Unspec Poletimbe	er Well	2.6		81-110 Density	N/A		2027 YOE: little change from 2017. 2017 YOE: well formed h maple $_{\rm T}$ poletimber and small sawtimber 6 - 12" dbh. widely scattered h map							
3 4	6225 4110 - Sugar M Canopy Species	5 - Bog Maple Asso % Cover	0	Unspec Poletimbo DBH		2.6 Sub-Car	nopy Species	Density	N/A Avg. Height	Size	2027 YOE: little change from 2017. 2017 YOE: well formed h maple							
	6225 4110 - Sugar M Canopy Species Hemlock	5 - Bog Maple Asso % Cover 10	ciation	Unspece Poletimbo DBH	er Well Age	2.6 Sub-Car			N/A		2027 YOE: little change from 2017. 2017 YOE: well formed h maple $_{\rm T}$ poletimber and small sawtimber 6 - 12" dbh. widely scattered h map							
-	6225 4110 - Sugar M Canopy Species Hemlock Sugar Maple	5 - Bog Maple Asso % Cover 10 80	ciation Size Class	Unspect Poletimbo DBH	er Well	2.6 Sub-Car	nopy Species	Density	N/A Avg. Height	Size	2027 YOE: little change from 2017. 2017 YOE: well formed h maple $_{\rm T}$ poletimber and small sawtimber 6 - 12" dbh. widely scattered h map							
-	6225 4110 - Sugar M Canopy Species Hemlock Sugar Maple Red Maple	5 - Bog Maple Asso % Cover 10	ciation	Unspece Poletimbo DBH	er Well Age	2.6 Sub-Car	nopy Species	Density	N/A Avg. Height	Size	2027 YOE: little change from 2017. 2017 YOE: well formed h maple $_{\rm T}$ poletimber and small sawtimber 6 - 12" dbh. widely scattered h map							
4	6225 4110 - Sugar M Canopy Species Hemlock Sugar Maple Red Maple Yellow Birch	5 - Bog Maple Asso % Cover 10 80 5 5 5	ciation Size Class Seedling	Unspective Poletimbo DBH 14 9 8 8 10	Age	2.6 Sub-Car Sug	nopy Species ar Maple	Density Low	N/A Avg. Height 5 - 10 feet	Size 5 - 10 feet	2027 YOE: little change from 2017. 2017 YOE: well formed h maple poletimber and small sawtimber 6 - 12" dbh. widely scattered h map saplings. minor component of upland cedar.							
4	6225 4110 - Sugar M Canopy Species Hemlock Sugar Maple Red Maple Yellow Birch 6124 - Lowla	5 - Bog Maple Asso % Cover 10 80 5 5 and Spruce	ciation Size Class Seedling	Unsper Poletimbo DBH 14 9 8 10 Poletimbo	er Well Age 74 er Well	2.6 Sub-Car Sug 4.7	nopy Species ar Maple 40	Density Low	N/A Avg. Height 5 - 10 feet N/A	Size 5 - 10 feet	2027 YOE: little change from 2017. 2017 YOE: well formed h maple poletimber and small sawtimber 6 - 12" dbh. widely scattered h map saplings. minor component of upland cedar. S end of stand is a narrow strip of high ground along Bone Lake. as stand progresses N, it transitions to lowland conifer with scattered high							
4	6225 4110 - Sugar M Canopy Species Hemlock Sugar Maple Red Maple Yellow Birch 6124 - Lowla Canopy Species	5 - Bog Maple Asso % Cover 10 80 5 5 and Spruce % Cover	ciation Size Class Seedling P-Fir Size Class	Unspect Poletimbo 14 9 8 10 Poletimbo	er Well Age 74 er Well Age	2.6 Sub-Car Sug 4.7 Sub-Car	Anopy Species ar Maple 40 Nopy Species	Density Low 51-80 Density	N/A Avg. Height 5 - 10 feet N/A Avg. Height	Size 5 - 10 feet Size	2027 YOE: little change from 2017. 2017 YOE: well formed h maple poletimber and small sawtimber 6 - 12" dbh. widely scattered h map saplings. minor component of upland cedar.							
4	6225 4110 - Sugar M Canopy Species Hemlock Sugar Maple Red Maple Yellow Birch 6124 - Lowla 6124 - Lowla Balsam Fir	5 - Bog Maple Asso	ciation Size Class Seedling e-Fir Size Class Seedling	Unspect Poletimbo 14 9 8 10 Poletimbo DBH 7	er Well Age 74 er Well	2.6 Sub-Car Sug 4.7 Sub-Car	Alder	Density Low 51-80 Density Medium	N/A Avg. Height 5 - 10 feet N/A Avg. Height 5 - 10 feet	Size 5 - 10 feet Size 5 - 10 feet	2027 YOE: little change from 2017. 2017 YOE: well formed h maple poletimber and small sawtimber 6 - 12" dbh. widely scattered h map saplings. minor component of upland cedar. S end of stand is a narrow strip of high ground along Bone Lake. as stand progresses N, it transitions to lowland conifer with scattered high							
4	6225 4110 - Sugar M Canopy Species Hemlock Sugar Maple Red Maple Yellow Birch 6124 - Lowla 6124 - Lowla 6124 - Lowla Balsam Fir Black Spruce	5 - Bog Maple Asso	ciation Size Class Seedling P-Fir Size Class	Unspect Poletimbo DBH 14 9 8 10 Poletimbo DBH 7 7 7	er Well Age 74 er Well Age	2.6 Sub-Car Sug 4.7 Sub-Car	Anopy Species ar Maple 40 Nopy Species	Density Low 51-80 Density	N/A Avg. Height 5 - 10 feet N/A Avg. Height	Size 5 - 10 feet Size	2027 YOE: little change from 2017. 2017 YOE: well formed h maple poletimber and small sawtimber 6 - 12" dbh. widely scattered h map saplings. minor component of upland cedar. S end of stand is a narrow strip of high ground along Bone Lake. as stand progresses N, it transitions to lowland conifer with scattered high							
4	6225 4110 - Sugar M Canopy Species Hemlock Sugar Maple Red Maple Yellow Birch 6124 - Lowla 6124 - Lowla	5 - Bog Maple Asso % Cover 10 80 5 5 and Spruce % Cover 40 20 30	ciation Size Class Seedling e-Fir Size Class Seedling	Unsper Poletimbo 14 9 8 10 Poletimbo DBH 7 7 7 14	er Well Age 74 er Well Age	2.6 Sub-Car Sug 4.7 Sub-Car	Alder	Density Low 51-80 Density Medium	N/A Avg. Height 5 - 10 feet N/A Avg. Height 5 - 10 feet	Size 5 - 10 feet Size 5 - 10 feet	2027 YOE: little change from 2017. 2017 YOE: well formed h maple poletimber and small sawtimber 6 - 12" dbh. widely scattered h map saplings. minor component of upland cedar. S end of stand is a narrow strip of high ground along Bone Lake. as stand progresses N, it transitions to lowland conifer with scattered high							
4	6225 4110 - Sugar M Canopy Species Hemlock Sugar Maple Red Maple Yellow Birch 6124 - Lowla 6124 - Lowla 6124 - Lowla Balsam Fir Black Spruce	5 - Bog Maple Asso	ciation Size Class Seedling e-Fir Size Class Seedling	Unspect Poletimbo DBH 14 9 8 10 Poletimbo DBH 7 7 7	er Well Age 74 er Well Age	2.6 Sub-Car Sug 4.7 Sub-Car	Alder	Density Low 51-80 Density Medium	N/A Avg. Height 5 - 10 feet N/A Avg. Height 5 - 10 feet	Size 5 - 10 feet Size 5 - 10 feet	2027 YOE: little change from 2017. 2017 YOE: well formed h maple poletimber and small sawtimber 6 - 12" dbh. widely scattered h map saplings. minor component of upland cedar. S end of stand is a narrow strip of high ground along Bone Lake. as stand progresses N, it transitions to lowland conifer with scattered high							
4	6225 4110 - Sugar M Canopy Species Hemlock Sugar Maple Red Maple Yellow Birch 6124 - Lowla 6124	5 - Bog Maple Asso * Cover 10 80 5 5 and Spruce * Cover 40 20 30 10 Maple Asso	ciation Size Class Seedling -Fir Size Class Seedling Seedling Seedling	Unspect Poletimbo DBH 14 9 8 10 Poletimbo 7 7 14 9 Poletimbo	er Well Age 74 er Well Age 40 er Well	2.6 Sub-Car Sug 4.7 Sub-Car Bal 8.9	40 40 hopy Species Alder Isam Fir 71	Density Low 51-80 Density Medium Full 111-140	N/A Avg. Height 5 - 10 feet N/A Avg. Height 5 - 10 feet 10 - 20 feet N/A	Size 5 - 10 feet Size 5 - 10 feet 10 - 20 feet	2027 YOE: little change from 2017. 2017 YOE: well formed h maple poletimber and small sawtimber 6 - 12" dbh. widely scattered h map saplings. minor component of upland cedar.							
4 5	6225 4110 - Sugar M Canopy Species Hemlock Sugar Maple Red Maple Yellow Birch 6124 - Lowla 6124 - Lowla 6125	5 - Bog Maple Asso * Cover 10 80 5 5 30 40 20 30 10 Maple Asso * Cover	ciation Size Class Seedling P-Fir Size Class Seedling Seedling	Unspect Poletimbo DBH 14 9 8 10 Poletimbo 7 14 9 Poletimbo DBH	er Well Age 74 er Well Age 40	2.6 Sub-Car Sug 4.7 Sub-Car Bal 8.9 Sub-Car	40 40 hopy Species Alder Isam Fir 71 hopy Species	Density Low 51-80 Density Medium Full 111-140 Density	N/A Avg. Height 5 - 10 feet N/A Avg. Height 5 - 10 feet 10 - 20 feet N/A Avg. Height	Size 5 - 10 feet Size 5 - 10 feet 10 - 20 feet Size	2027 YOE: little change from 2017. 2017 YOE: well formed h maple poletimber and small sawtimber 6 - 12" dbh. widely scattered h map saplings. minor component of upland cedar. S end of stand is a narrow strip of high ground along Bone Lake. as stand progresses N, it transitions to lowland conifer with scattered hig ground knolls multiple springs and drainages in the lake.							
4 5	6225 4110 - Sugar M Canopy Species Hemlock Sugar Maple Red Maple Yellow Birch 6124 - Lowla 6124	5 - Bog Maple Asso * Cover 10 80 5 5 and Spruce * Cover 40 20 30 10 Maple Asso * Cover 5	ciation Size Class Seedling -Fir Size Class Seedling Seedling Seedling	Unspect Poletimbo DBH 14 9 8 10 Poletimbo DBH 7 14 9 Poletimbo DBH 12	er Well Age 74 74 er Well Age 40 er Well Age 40	2.6 Sub-Car Sug 4.7 Sub-Car Bal 8.9 Sub-Car	40 40 hopy Species Alder Isam Fir 71	Density Low 51-80 Density Medium Full 111-140	N/A Avg. Height 5 - 10 feet N/A Avg. Height 5 - 10 feet 10 - 20 feet N/A	Size 5 - 10 feet Size 5 - 10 feet 10 - 20 feet	2027 YOE: little change from 2017. 2017 YOE: well formed h maple poletimber and small sawtimber 6 - 12" dbh. widely scattered h map saplings. minor component of upland cedar. S end of stand is a narrow strip of high ground along Bone Lake. as stand progresses N, it transitions to lowland conifer with scattered hig ground knolls multiple springs and drainages in the lake.							
4 5	6225 4110 - Sugar M Canopy Species Hemlock Sugar Maple Red Maple Yellow Birch 6124 - Lowla 6124 - Lowla 6125	5 - Bog Maple Asso * Cover 10 80 5 5 30 40 20 30 10 Maple Asso * Cover	ciation Size Class Seedling -Fir Size Class Seedling Seedling Seedling	Unspect Poletimbo DBH 14 9 8 10 Poletimbo 7 14 9 Poletimbo DBH	er Well Age 74 er Well Age 40 er Well	2.6 Sub-Car Sug 4.7 Sub-Car Bal 8.9 Sub-Car	40 40 hopy Species Alder Isam Fir 71 hopy Species	Density Low 51-80 Density Medium Full 111-140 Density	N/A Avg. Height 5 - 10 feet N/A Avg. Height 5 - 10 feet 10 - 20 feet N/A Avg. Height	Size 5 - 10 feet Size 5 - 10 feet 10 - 20 feet Size	2027 YOE: little change from 2017. 2017 YOE: well formed h maple poletimber and small sawtimber 6 - 12" dbh. widely scattered h map saplings. minor component of upland cedar. S end of stand is a narrow strip of high ground along Bone Lake. as stand progresses N, it transitions to lowland conifer with scattered hig ground knolls multiple springs and drainages in the lake.							

Report 7 – Stands

Compartment: 118 Year of Entry: 2027 DNR DNR BURNES

Stanc	d Level 4 C	over Type		Size Density	Acres Stand Age B/	A Range	Managed S	lite	General Comments
7	6120 - Lov	wland Ceda	ır Sa	wtimber Mediun	n 7.7 115 Ur	nspecified	•		interspersed open tag alder areas within the stand. no current
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Canopy Species	Density	Avg. Height	Size	evidence of wintering deer.
	Tamarack	5	Seedling	8	Tag Alder	Full	5 - 10 feet	5 - 10 feet	-
	Black Spruce	10	Seedling	7	Balsam Fir	Medium	10 - 20 feet	10 - 20 feet	*
No	orthern White Cedar	85		14 115		1		1	-
8	6225	5 - Bog		Unspecifed	54.3		No	•	floating leatherleaf bog adjacent to Bone Lake. scattered, stunted b spruce
9	4112 - Maple, Beec	ch, Cherry A	ssociation F	Poletimber Well	14.0 71	81-110	N/A	A	2027 YOE: little change from 20172017 YOE: very N edge of stand
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Canopy Species	Density	Avg. Height	Size	has transitional conifers - spruce/fir 4-8" dbh.
	Yellow Birch	3	Seedling	7	Yellow Birch	Low	>20 feet	>20 feet	-
	Black Cherry	10		10	Black Cherry	Medium	>20 feet	>20 feet	-
No	orthern White Cedar	2		14	Sugar Maple	Medium	>20 feet	>20 feet	*
	Sugar Maple	30		8 71	Red Maple	Medium	>20 feet	>20 feet	-
	Red Maple	55		9 71					-
10	4134 - Aspe	en, Spruce/	Fir F	Poletimber Well	17.7 27 Ir	nmature	N/A	A .	very dense fir sapling/small poletimber mixed with aspen. fir
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Canopy Species	Density	Avg. Height	Size	regeneration is so thick, anticipate growth stunting common to this general area. r pine scattered throughout. very widely scattered w birch
	Balsam Fir	25	Pole	4	Balsam Fir	Full	10 - 20 feet	10 - 20 feet	
	White Spruce	10	Pole	4	White Spruce	Full	10 - 20 feet	10 - 20 feet	
	Quaking Aspen	60	Pole	4 27					
	Red Pine	5		12					
11	4319 - Mixeo	l Upland Fo	rest F	Poletimber Well	53.9 60	81-110	N/A	A Contraction of the second seco	large amount of vernal areas mixed throughout this stand with tag alde
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Canopy Species	Density	Avg. Height	Size	and b ash - very wet. N end of stand transitions to heavier stocking of saplings and poletimber 4 - 6" dbh. small r maple M6 inclusion in W
	Balsam Fir	35	Seedling	7	Hazelnut (Beaked)	Low	5 - 10 feet	5 - 10 feet	center of stand.
	Quaking Aspen	40	Seedling	8 60	Balsam Fir	High	10 - 20 feet	10 - 20 feet	
	White Spruce	10		12 55					
	Red Maple	10		9					
	Paper Birch	5	Seedling	6					
12	4319 - Mixed	l Upland Fo	rest F	Poletimber Well	9.5 50	81-110	N/A	A Contraction of the second seco	2027 YOE: per below2017 YOE: aspen 7 - 10" dbh with scattered
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Canopy Species	Density	Avg. Height	Size	12" trees. associated r maple low quality. scattered 8" dbh fir. small M6 inclusion in center of stand
	Red Maple	15		11	Honeysuckle (spp.)	Low	< 5 feet	< 5 feet	
No	orthern White Cedar	2		14	Balsam Fir	Full	10 - 20 feet	10 - 20 feet	
	Yellow Birch	3		8					-
	Quaking Aspen	25		9					

Report 7 – Stands

Compartment: 118 Year of Entry: 2027

Stand	Level 4 Cover Type			Size De	ensity	Acres	Stand Age E	A Range	Managed S	iite	General Comments		
13	4112 - Maple, Beec	h, Cherry A	ssociation	Poletimb	er Well	30.1	72	81-110	N/A	A	good h maple regen. scattered rock knobs		
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Can	opy Species	Density	Avg. Height	Size			
	Yellow Birch	2		10		Suga	ar Maple	High	10 - 20 feet	10 - 20 feet	*		
	Black Cherry	3		9		Iror	nwood	Medium	10 - 20 feet	10 - 20 feet	-		
	Sugar Maple	50		9	72	Honeysu	uckle (spp.)	Low	< 5 feet	< 5 feet			
	Red Maple	45	Seedling	8									
14	42210 - Nat	ural Red Pi	ne F	Poletimbe	r Mediun	n 7.4	58	81-110	N/A	A	Deer Lake campground. good aspen sapling understory from previou tot. well formed r pine. associated w birch/r maple		
	Canopy Species	% Cover	Size Class	5 DBH	I Age	Sub-Can	opy Species	Density	Avg. Height	Size	cut. Weil formed i pine. associated w birch/r maple		
	White Spruce	5	Sapling	6		Quakii	ng Aspen	High	10 - 20 feet	10 - 20 feet			
	Red Pine	60		9	58								
	White Pine	5		20									
	Red Maple	10	Seedling	7									
	Paper Birch	20	Seedling	8									
15	4319 - Mixed	Upland Fo	rest	Poletimb		93.0	50	81-110	N/A	A Contraction of the second se	2027 YOE: Aspen very poor quality, 7" dbh with scattered 10" diamet trees. R pine/w pine growing in naturally along old hunter walking trail.		
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Can	opy Species	Density	Avg. Height	Size	scattered low ground inclusions. SBW flagging on w spruce. 2017 YOE: aspen 4 - 7' dbh with scattered 8" trees. very dense fir		
	Quaking Aspen	55	Seedling	7	50	Bals	sam Fir	Full	10 - 20 feet	10 - 20 feet			
	Balsam Fir	20	Sapling	6		Re	d Pine	Low	10 - 20 feet	10 - 20 feet	saplings/small poletimber. midway along E side, inclusion with higher		
	Black Spruce	15	Sapling	6							¹ stocking of upland b spruce saplings/small poletimber. SBW damage tips. sand ground aspen - more suited towards pine.		
	White Pine	5		12									
	Red Pine	5	Seedling	8									
16	3105 - Mixed Up	bland Herba	iceous	Unspe	cifed	5.5			Ye	8	old hunter walking trail - edges in places growing into fir, spruce and v pine. has a berm out at Deer Lk Rd - illegal 4 wheelers use driving o regularly.		
17	4134 - Aspe	en, Spruce/I	Fir	Sapling	g Well	18.9	26	Immature	N/A	A Contraction of the second se	2027 YOE: scattered aspen just moving into small poletimber size cla		
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Can	opy Species	Density	Avg. Height	Size	A3A42017 YOE: good mix of aspen and conifer. spruce/fir pockets of poletimber 6 - 8" dbh		
	Quaking Aspen	60	Pole	4	26	Hazelnu	ıt (Beaked)	High	5 - 10 feet	5 - 10 feet			
	Black Cherry	5	Log	2									
	White Spruce	15	Sapling	5									
	Balsam Fir	20	Sapling	5									
18	6124 - Lowla	and Spruce	Fir F	Poletimbe		n 21.1	72 U	Inspecified	N/A	A	very scattered aspen - cut off from past beaver activity. lowlands adjacent to the Deer River with more upland in E part of stand		
	Canopy Species	% Cover	Size Class		l Age		opy Species	Density	Avg. Height	Size			
	Balsam Fir	40	Seedling		72	Hazelnu	ıt (Beaked)	Medium	5 - 10 feet	5 - 10 feet			
	White Pine	5		14		Black	Spruce	Medium	10 - 20 feet	10 - 20 feet			
	White Spruce	15		9		Bals	sam Fir	High	10 - 20 feet	10 - 20 feet			
	Black Spruce	40	Seedling	7	72								
19	500 -	Water		Unspe	cifed	8.5			No		Deer River slough as river comes out of Deer Lk.		

Report 7 – Stands

Compartment: 118 Year of Entry: 2027



Stand	d Level 4 C	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed S	lite	General Comments		
20	6225	6225 - Bog		Unspe	pecifed 3				No)	Deer River with open bog - leatherleaf with areas heavier to tag alder/willow. scattered stunted b spruce.		
21	4134 - Aspe	en, Spruce/	Fir	Sapling	Well	ell 107.6	5	Immature	N/A	Ą	cut in 2019. aspen saplings with pockets of spr/fir. scattered cherry, ar		
	Canopy Species	% Cover	Size Class	DBH	Age						pine		
	Quaking Aspen	60	Log	1	5								
	Paper Birch	5	Seedling	8									
	White Spruce	10	Log	4									
	Balsam Fir	20	Log	3									
	White Pine	5		20									
22	4119 - Mixed No	orthern Harc	lwoods	Poletimb	er Well	10.8	65	51-80	N/A	A	2027 YOE: rock ledge on N end. thick fir understory2017 YOE: very		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	dense spruce/fir		
	Balsam Fir	10	Sapling	6		Re	d Maple	Medium	10 - 20 feet	10 - 20 feet			
	Yellow Birch	5		11		Ba	Isam Fir	Full	10 - 20 feet	10 - 20 feet			
	Quaking Aspen	5		14		Whi	te Spruce	Full	10 - 20 feet	10 - 20 feet			
	Sugar Maple	20		12							1		
	Red Maple	50		10	65								
	Paper Birch	10		10									
23	42320 - Ut	pland Spruc	æ	Poletimb	er Well	11.8	55	Unspecified	N/A	4	2027 YOE: dense upland b spruce on sandy soils. scattered upland		
25	Canopy Species		Size Class		Age		nopy Specie	•	Avg. Height	Size	tamarack. N end has small low ground inclusion leading into Deer River		
	Quaking Aspen	10	Seedling	7	50		ed Pine	Low	10 - 20 feet	10 - 20 feet	flowage. stand is transitional area to Deer River riparian. likely in the past, aspen was cut out by beaver leaving conifer to become		
	Balsam Fir	20	Sapling	5		Ba	lsam Fir	Full	10 - 20 feet	10 - 20 feet	dominate.		
	Tamarack	5	Sapling	6							1		
	Black Spruce	60	Sapling	5	55								
	White Pine	5		12									
24	4134 - Aspe	en, Spruce/	Fir	Sapling	Well	24.1	25	Immature	N/A	A	2027 YOE: scattered aspen just moving into small poletimber size class		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	A3A4F3. associated red maple saplings. 2017 YOE: Aspen saplings with pockets of fir. W. edge heavier to spruce/fir. small pockets of tag		
	Quaking Aspen	50	Pole	3	25	Ba	lsam Fir	High	10 - 20 feet	10 - 20 feet	alder with rock knobs throughout.		
	Red Maple	10	Log	2						1	A		
	Balsam Fir	40	Pole	3									
25	4134 - Aspe	en, Spruce/	Fir	Sapling	Well	12.6	30	81-110	N/A	4	2027 YOE: Mix of aspen, r maple. component of spruce/fir.		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	UM5A4A3		
	Red Maple	40	Pole	4	30		lsam Fir	High	10 - 20 feet	10 - 20 feet	-		
	Quaking Aspen	40	Pole	4	30	Hazelni	ut (American)	Medium	5 - 10 feet	5 - 10 feet			
	White Spruce	10	Pole	4									
	Balsam Fir	10	Sapling	5									
27	6220 - A	lder/Willow		Unspe	cifed	5.0			No)	tag alder/willow into bog drainage. N end has small patch of cedar, tamarack, b ash.		

Report 7 – Stands

DNR

Stand	Level 4 Co	evel 4 Cover Type Size Density Acres Stand Age BA Range Managed Site		ite	General Comments								
28	42340 - Upla	and Spruce/	/Fir	Sapling Well		7.0	40	Unspecified	N/A		upland b spruce and fir throughout with pockets of dense spruce/fir.		
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	s Density	Avg. Height	Size	Aspen 1 - 4" dbh with scattered trees moving into 1 stick class. Stand is of very low quality for aspen forest type - 24 years old with an average		
	Quaking Aspen	10	Pole	2	36	Hazeln	ut (Beaked)	Medium	5 - 10 feet	5 - 10 feet	dbh of 2".		
	Balsam Fir	50	Sapling	5	40	Bal	sam Fir	Medium	5 - 10 feet	5 - 10 feet			
	Black Spruce	40	Sapling	5									
29	4134 - Aspe	en, Spruce/I	Fir	Poletimb	er Well	62.0	47	81-110	N/A		w spruce is about 100% mortality from SBW. around all edges of the		
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	s Density	Avg. Height	Size	stand higher stocked to spruce/fir are about completely dead. SW side of the stand transitions to upland b spruce/fir inclusion. upland b spruce		
	Quaking Aspen	60		9	47	Bal	sam Fir	High	>20 feet	>20 feet	is unaffected by SBW. overall the stand has approx 80% mortality on w		
	Black Spruce	10	Seedling	7							spruce/fir.		
	White Pine	5		30									
	Black Cherry	5	Sapling	6									
	Balsam Fir	15	Sapling	5									
	Paper Birch	5	Seedling	8									
30	4110 - Sugar M	laple Assoc	iation	Sapling	g Well	17.3	25	Immature	N/A		2027 YOE: little change from 2017 YOE. very good h maple		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	s Density	Avg. Height	Size	saplings2017 YOE: very W edge has M9 with h maple and b cherry regen as stand transitions to more open sapling stand. Aspen/w spru		
	White Pine	2		16		Hazeln	ut (Beaked)	High	< 5 feet	< 5 feet	overstory has completely fallen out. Fantastic h maple sapling regen -		
	Black Cherry	5	Log	2							scattered stems nearing 1 stick poletimber		
	White Spruce	2	Seedling	8									
	Sugar Maple	80	Log	3	25								
	Sugar Maple	8		14									
	Red Maple	3	Log	3									
31	6224 - 1	reed Bog		Unspe	cifed	126.9			No		large bog complex with multiple drainages and old beaver meadows. flooded in many areas. scattered pockets of b spruce and tamarack. associated tag alder		
32	6120 - Lov	vland Ceda	r P	oletimbe	r Medium	n 16.5	105	Unspecified	N/A		small pockets of b spruce scattered throughout. stand mainly consists of		
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	s Density	Avg. Height	Size	cedar with interspersed open areas having tag alder		
	Tamarack	10	Seedling	6		Та	g Alder	High	5 - 10 feet	5 - 10 feet			
	Black Spruce	25	Seedling	6		Bal	sam Fir	Medium	10 - 20 feet	10 - 20 feet	1		
No	rthern White Cedar	65		10	105						<u>.</u>		
33	6122 - Bl	ack Spruce		Poletimb	er Well	22.8	70	Unspecified	N/A		good typical b spruce swamp - high stocking quickly transitions to lower		
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	s Density	Avg. Height	Size	quality bog soils. small amounts of cedar in the SW. small inclusion of purer tamarack 4 - 7" dbh in S end		
	Tamarack	5	Sapling	5	70	Bal	sam Fir	Low	5 - 10 feet	5 - 10 feet			
	Black Spruce	93	Seedling	6	70						-		
NIa	rthern White Cedar	2		12									

Crystal	Falls	Mat.	Unit
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Report 7 – Stands

Compartment: 118 Year of Entry: 2027

Stanc	Level 4 C	Cover Type		Size Density		Acres	es Stand Age BA Range		Managed S	ite	General Comments
34	6129 - Mixed Conif	erous Lowla	and Forest	Poletimb	er Well	17.3	62	81-110	N/A	N N	mixed lowland conifer, drainage between bogs/Square Lake
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Can	opy Species	Density	Avg. Height	Size	
	Black Spruce	30	Seedling	6		Тар	g Alder	Medium	5 - 10 feet	5 - 10 feet	
No	orthern White Cedar	30		10							-
	Tamarack	40	Seedling	7	62						
35	4319 - Mixeo	l Upland Fo	rest	Poletimb	er Well	136.1	46	81-110	N/A	N N	2027 YOE: aspen appears to be growing extremely slow. w spruce/fir
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Can	opy Species	Density	Avg. Height	Size	have been impacted by previous SBW, much of w spruce has died, upland b spruce was unaffected.2017 YOE: stand cut in 1979 -
	Balsam Fir	30	Seedling	5		Bals	sam Fir	Full	10 - 20 feet	10 - 20 feet	extremely dense spruce/fir sapling understory - too dense. Aspen is 3 -
	White Spruce	20	Seedling	6		White	e Spruce	Full	10 - 20 feet	10 - 20 feet	8" dbh with scattered 10 - 12" trees. areas purer to spruce/fir poletimbe
	Quaking Aspen	50	Seedling	7	46						¹ throughout. SBW affected stand summer 2014.
36	6225	5 - Bog		Unspe	cifed	20.1			No	1	open leatherleaf bog with stunted b spruce saplings
37	330 - Low-Density Trees Sapling Poor 1		195.3	195.3			,	2027 YOE: stand is open with small submerch upland b spruce/fir scattered. resprayed in 2023, to be replanted with j pine in 20252017 YOE: off site, sand ground aspen. Aspen very low quality, roughly 1 sticks tall. open grown w spruce with upland b spruce and j pine. NW end heavier to upland b spruce, w spruce and j pine. Nice j pine alon NE end 4 - 5 sticks tall. stand is semi open.			
38	6122 - Bl	ack Spruce		Unspe	cifed	17.1	60		N/A	١	annuas tamaraak palatimbar with tag alder thiskets, amall islands of
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Can	opy Species	Density	Avg. Height	Size	spruce, tamarack poletimber with tag alder thickets. small islands of aspen. N and E end transition towards the adjacent bog - trees are
	Tamarack	20	Seedling	6		Тар	g Alder	Medium	5 - 10 feet	5 - 10 feet	stunted and smaller diameter.
	Black Spruce	70	Sapling	6	60						
No	orthern White Cedar	10		10							
39	4134 - Asp	en, Spruce/	Fir	Poletimb	er Well	18.5	38 L	Jnspecified	N/A	N N	very dense spruce/fir. N end of stand has small pockets, aspen 7-9" db
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Can	opy Species	Density	Avg. Height	Size	
	Quaking Aspen	80	Seedling	6	38	Bals	sam Fir	Full	5 - 10 feet	5 - 10 feet	
	Balsam Fir	15	Pole	4							
	White Spruce	5	Pole	4							
40	500 -	- Water		Unspe	cifed	9.3			No		Square Lake
41	6224 - 7	Treed Bog		Unspe	cifed	22.8			No		open marsh/bog. leatherleaf and swamp grass. creek drainage throughout stand with old beaver meadows
42	4134 - Asp	en, Spruce/	Fir	Saplinę	g Well	15.8	6	Immature	N/A	N N	2027 YOE: per below2017 YOE: small pockets of submerch conifer
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Can	opy Species	Density	Avg. Height	Size	with young aspen saplings
	Balsam Fir	30	Log	1		Bals	sam Fir	Low	10 - 20 feet	10 - 20 feet	*
	Quaking Aspen	65	Log	1	6	White	e Spruce	Low	10 - 20 feet	10 - 20 feet	1

Report 7 – Stands

Compartment: 118 Year of Entry: 2027

DNR

Stand	Level 4 C	Level 4 Cover Type			nsity	Acres S	Stand Age E	BA Range	Managed S	ite	General Comments	
43	6139 - Mixed	Lowland Fo	orest	Sapling	l Well	11.4	40	51-80	N/A		2027 YOE: semi upland to lowland, wetter site. scattered aspen 10-11	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cano	opy Species	Density	Avg. Height	Size	dbh. tag alder drainage through west portion running N-S. S end has lowland black spruce inclusion. stand is not conducive to management	
	Red Maple	40	Seedling	7	40	Bals	am Fir	Medium	10 - 20 feet	10 - 20 feet	due to wet ground. has been reserved in the past for diversity also.	
	Balsam Fir	5	Sapling	6							-	
	Black Spruce	40	Seedling	6	40							
	White Pine	5		20								
	Yellow Birch	5		9								
	Quaking Aspen	5		12								
44	4119 - Mixed No	orthern Harc	lwoods	Unspe	cifed	5.6	35	1-50	N/A		2027 YOE: slight increase in diameter from 2017. very scattered aspe	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cano	opy Species	Density	Avg. Height	Size	moving into small poletimber class2017 YOE: area clearcut in past. good h maple regen from seed source and stump sprouts. beaver had	
	Quaking Aspen	10	Log	3		Hazelnut	(American)	High	5 - 10 feet	5 - 10 feet	cut off aspen regeneration adjacent to lowlands	
	Black Cherry	5	Log	2								
	Balsam Fir	5	Log	2								
	Sugar Maple	60	Log	2	35							
	Paper Birch	20	Log	2								
45	310 - Herbaceous Openland			Unspe		17.4			No		open field with aspen pockets and hazel. spruce saplings encroaching bracken, grass and sweet fern. old, constructed wildlife openings that were once maintained.	
46	4191 - Mixed Upla Co	and Deciduo onifer	ous with	Unspe	cifed	15.0	56	51-80	N/#		lowlands/floodplain adjacent to Deer River. swamp grass, tag alder. adjacent uplands to the E has spruce/fir/aspen.winter deer use.	
	Canopy Species	% Cover	Size Class		Age							
	Quaking Aspen	30		9								
	Balsam Fir	30	Sapling	7								
	Red Maple	40		8	56							
47	42340 - Upl	and Spruce	/Fir P	oletimber	Medium	9.2	30 L	Jnspecified	N/A		2027 YOE: high mortality on w spruce/fir from prior SBW. 2017 TYOE: edges towards river transition to lowland conifers and tag alder.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cano	opy Species	Density	Avg. Height	Size	mainly a spruce/fir stand. S 1/4 was cut with comp 119 in the past.	
	Balsam Fir	35	Sapling	5	20	Quakin	ng Aspen	Medium	5 - 10 feet	5 - 10 feet		
	Quaking Aspen	20	Seedling	6								
	White Spruce	5	Sapling	5								
	Black Spruce	40	Pole	4	30							
48	42320 - Uj	pland Spruc	e	Poletimb	er Well	5.3	64 L	Jnspecified	N/A		upland b spruce poletimber 4 - 5 sticks tall. scattered areas of	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cano	opy Species	Density	Avg. Height	Size	windthrow. stand is a transition to treed bog	
	eanopy opened			4		Bals	am Fir	Medium	5 - 10 feet	5 - 10 feet		
	Balsam Fir	5	Pole	4								
		5 5	Pole Seedling	6			Spruce	High	< 5 feet	< 5 feet		

Report 7 – Stands

Compartment: 118 Year of Entry: 2027



Stand	d Level 4 Co		Size Density	Ū		BA Range	Managed Si	ite	General Comments	
49	42320 - Up	pland Spruc	e	Poletimber Well	6.8	59 L	Inspecified	N/A		2027 YOE: little change from 2017 YOE. stand is fairly stagnate,
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	Transition to lowlands. fairly high mortality on fir from prior SBW2017 YOE: thick spruce/fir in E "peninsula" with scattered w pine 8 - 14" dbh.
	Balsam Fir	10	Pole	4	Ba	alsam Fir	Full	5 - 10 feet	5 - 10 feet	some old windthrow pockets from 2005. small inclusions of lowland b
	White Pine	5		12						spruce 6 - 8" dbh with tag alder/sphagnum. transition area from lowland
	Black Cherry	10	Seedling	7						to upland.
	Black Spruce	75	Sapling	6 59						
50	4134 - Aspe	en, Spruce/	Fir	Sapling Well	15.1	6	Immature	N/A		2027 YOE: good aspen regen with spruce/fir pockets2017 YOE: w
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	pine dispersed throughout - likely was once a w pine stand. very small component of w birch poletimber 6 - 8"dbh. aspen sprouting
	Quaking Aspen	70	Log	1 6	Bla	ick Spruce	Medium	10 - 20 feet	10 - 20 feet	
	Balsam Fir	15	Log	1	Ba	alsam Fir	Medium	10 - 20 feet	10 - 20 feet	
	Black Spruce	10	Log	1						-
	White Pine	5		14						
51	6224 - 1	Freed Bog		Unspecifed	26.0			No		open marsh/bog. leatherleaf with stunted tamarack and b spruce
52	4319 - Mixed	Upland Fo	rest	Sapling Well	29.0	25	Immature	N/A		2027 YOE: Little change from 2017. very highly stocked fir, some
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	percentage of fir saplings. good aspen regeneration. buffer was left
	Quaking Aspen	55	Log	2 25		alsam Fir	Low	< 5 feet	< 5 feet	along NW edge to open bog - b spruce, aspen poletimber with small
	Balsam Fir	45	Pole	2	Hazel	nut (Beaked)	Medium	< 5 feet	< 5 feet	bog inclusion.
53	4319 - Mixed	Upland Fo	rest P	oletimber Mediur	m 10.1	45	81-110	N/A		2027 YOE: SBW has removed mature white spruce from the stand. fir
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	was impacted also. dense fir and black spruce understory.2017 YOE: Aspen 4 - 5 sticks tall. fir saplings showing SBW on tops.
	Balsam Fir	40	Sapling	5	Ba	alsam Fir	Full	>20 feet	>20 feet	scattered w pine and r pine throughout. very dense fir understory.
	Quaking Aspen	55	Seedling	7 45						
	White Pine	5		14						
54	4130	- Aspen		Sapling Well	13.4	19	Immature	N/A		
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	
	Quaking Aspen	85	Log	2 19	Hazel	nut (Beaked)	High	< 5 feet	< 5 feet	
	White Pine	10		22						
	Balsam Fir	5	Log	3						
55	6224 - 1	Freed Bog		Unspecifed	2.3			No		small leatherleaf bog with scattered b spruce
56	6225	5 - Bog		Unspecifed	18.1			No		leatherleaf bog with scattered b spruce - very wet
57	4130	- Aspen		Sapling Well	28.0		Immature	N/A		2017 YOE: almost pure aspen stand. old (2005) windthrow at edges. $_{\Box}$ stand cut in 2006 due to heavy windthrow in 2005
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	Stand Gut in 2000 Gue to neavy windthow in 2005
	Quaking Aspen	95	Log	2 19	Hazel	nut (Beaked)	Medium	< 5 feet	< 5 feet	
	Balsam Fir	5	Log	2						

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	Crysta	Crystal Falls Mgt. Unit					Rep	oort 7 – Sta	ands		Compartment: 118 Year of Entry: 2027 General Comments
Stand	Level 4 C	Level 4 Cover Type S			ensity	Acres	Stand Age BA Range		Managed Site		
58	6224 - 1	6224 - Treed Bog Unspecifed		cifed	2.5			No		stunted b spruce saplings 2 - 3" dbh in wet leatherleaf bog	
59	6120 - Lowland Cedar Poletiml				er Wel	l 26.2	120	Unspecified	N/A	A .	NE portion of stand has S6 poletimber 5 - 7" dbh. remainder of stand is
	Canopy Species	% Cover	Size Class	DBH Age		Sub-Ca	nopy Species	s Density	Avg. Height	Size	cedar with tag alder and interspersed openings.very good potential winter deer usage
	Tamarack	10	Seedling	8			ag Alder	Full	5 - 10 feet	5 - 10 feet	
	Black Spruce	30	Seedling	6	82	Ba	lsam Fir	High	5 - 10 feet	5 - 10 feet	
No	orthern White Cedar	60		12	120	<u></u>				1	-
60	4134 - Aspe	en, Spruce/	Fir	Saplin	g Well	35.9	26	Immature	N/A	A	2027 YOE: scattered aspen just moving into small poletimber size class
	Canopy Species	% Cover Size Clas				Sub-Ca	Sub-Canopy Species		Avg. Height	Size	A3A42017 YOE: scattered spruce/fir throughout. tag alder in low
	Quaking Aspen	60	Pole	3	26		ag Alder	s Density Low	10 - 20 feet	10 - 20 feet	areas.
	Black Cherry	20	Log	2		Hazelr	nut (Beaked)	Medium	< 5 feet	< 5 feet	
	White Spruce	10	Log	3						1	<u>-</u>
	Balsam Fir	10	Log	3							
61	1 4110 - Sugar Maple Association Poletimber Well 7.9 74 81-110 N/A										2027 YOE: per below2017 YOE: pockets of very good H maple \neg sapling regen 5 - 10' tall. scattered log sized h maple - defect
	Canopy Species	% Cover	Size Class	DBH Age		Sub-Ca	Sub-Canopy Species		Avg. Height Size		prevalent. widely scattered upland cedar and w pine. very SW corner
	Yellow Birch	10		9		Sug	ar Maple	High	5 - 10 feet	5 - 10 feet	of stand has small aspen inclusion 3 - 4" dbh trees.
	Sugar Maple	85	Seedling	9	74	Blac	ck Cherry	High	5 - 10 feet	5 - 10 feet	
No	orthern White Cedar	5		12							_
62	4130 - Aspen Sapling Wel					8.1	26	Unspecified	N/A	A	2027 YOE: Aspen just moving into small poletimber size class.
	Canopy Species	% Cover	Size Class	DBł	I Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	A5A32017 YOE: Aspen 2 - 3" dbh. scattered clumps and single trees of fir throughout. tag alder along edges and in scattered low area
	Quaking Aspen	70	Pole	4	26		ag Alder	Low	5 - 10 feet	5 - 10 feet	within stand.
	Black Cherry	20	Log	2		Hazelr	nut (Beaked)	Medium	5 - 10 feet	5 - 10 feet	
	Balsam Fir	10	Sapling	6						1	-
63	6220 - Alder/Willow Unspecifed					25.3			No		tag alder with associated b spruce and fir poletimber. slight b ash component. multiple drainages throughout. SW finger of stand has higher stocking of cedar and b ash.
64	4130	- Aspen		Sapling Well		15.2	15.2 26 I		N/A		2027 YOE: scattered aspen just moving into poletimber size class.
	Canopy Species	% Cover	Size Class	DBł	l Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	A3A42017 YOE: small rock outcrops throughout. tag alder areas at bases and below outcrops. small fir dispersed throughout stand.
	Quaking Aspen	75	Pole	3	26		nut (Beaked)	Full	< 5 feet	< 5 feet	
	Balsam Fir	5	Pole	4		Ba	lsam Fir	Low	5 - 10 feet	5 - 10 feet	
	Black Cherry	20	Log	2							
66	6220 - A	lder/Willow		Unspe	cifed	11.4			No		old beaver pond overgrown with tag alder
68	122 - Road	d/Parking Lo	ot I	Poletimb	er Wel	l 8.6			No		Deer Lake Road

Report 7 – Stands

Compartment: 118 Year of Entry: 2027 DRR MICHIGAN

Stand	and Level 4 Cover Typ			Size De	nsity	Acres	Stand Age B	A Range	Managed Site		General Comments
69	4130	Sapling Well			3.8 44 l		nspecified	N/A		2027 YOE: aspen 3- 7" dbh. scattered 7 -8" diameter trees2017	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	YOE: very small amount of 1 stick aspen throughout. more conifer along E edge
	Quaking Aspen	70	Sapling	6	44	Hazeln	ut (Beaked)	Low	< 5 feet	< 5 feet	
	Balsam Fir	5	Sapling	5							
	Red Maple	15	Log	2							
	Paper Birch	10	Pole	4							
71	4319 - Mixed Upland Forest				Sapling Well		56.2 34 51-80		N/A		2027 YOE: low quality aspen, very heavily stocked spruce/fir2017
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	YOE: aspen saplings 16-20' tall. very high stocking of associated spruce/fir
	Quaking Aspen	55	Sapling	6	34	Ba	lsam Fir	Full	10 - 20 feet	10 - 20 feet	
	Balsam Fir	25	Sapling	5		Blac	k Spruce	Full	10 - 20 feet	10 - 20 feet	
	Black Spruce	20	Sapling	5		Hazeln	ut (Beaked)	Low	5 - 10 feet	5 - 10 feet	
72	4119 - Mixed Northern Hardwoods		Poletimb	er Well	22.9 73 81-1		81-110	110 N/A		2027 YOE: heavy ironwood/h maple saplings. scattered upland cedar.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Lower stocking in N end of stand. 2017 YOE: fair to poor sawtimber formation. dense H maple regen in pockets. Areas of rock ledge show
	Yellow Birch	10		10		Whit	te Spruce	Low	5 - 10 feet	5 - 10 feet	incidence of windthrow. scattered upland cedar and hemlock. NW
No	rthern White Cedar	5		14		Irc	onwood	High	5 - 10 feet	5 - 10 feet	corner of stand has hemlock, cedar, mix softwood inclusion in wet
	Hemlock	5		18		Sug	jar Maple	High	5 - 10 feet	5 - 10 feet	drainage. N end of stand has lower BA with scattered pockets of aspe saplings 16-20' tall
	Basswood	5		9		Ba	lsam Fir	Medium	10 - 20 feet	10 - 20 feet	
	Sugar Maple	60		12	73						-
	Red Maple	15		10							
73	42320 - Upland Spruce Po			Poletimber Well		12.0 45 Unspecifie		nspecified	N/A		2027 YOE: aspen from prior harvest has mainly been cut out by beaver \neg upland b spruce with scattered small semi open areas.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	upland b spruce with scattered small semi open aleas.
	Quaking Aspen	5	Seedling	6	38	Ba	lsam Fir	Full	5 - 10 feet	5 - 10 feet	
	Black Spruce	80	Sapling	5	45						
	Balsam Fir	15	Pole	4							
74	4319 - Mixed	d Upland Forest		Sapling Well		8.4 49		81-110	N/A	۱.	2027 YOE: 2-4 stick aspen, 5-7" dbh. diameter growth has increased slightly. dense fir understory. offsite, sandy soil - almost stagnate
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	growth.2017 YOE: 1-2 stick aspen with scattered w pine. R pine
	Quaking Aspen	55	Sapling	6	49	Whit	te Spruce	Full	10 - 20 feet	10 - 20 feet	sawtimber inclusion at the N end of stand along bog edge - good form.
	White Spruce	20	Sapling	5		Ba	lsam Fir	Full	10 - 20 feet	10 - 20 feet	very thick fir understory
	Balsam Fir	20	Sapling	5							
	Red Pine	5		14							
75	320 - Upland Shrub Sapling Poor		32.8			No		2027 YOE: stand has been reherbicided in 2024. to be planted to JP in spring 20252017 YOE: extremely dense mix of low quality, off site aspen 1 - 2 sticks tall and stunted w spruce and fir. Stand is on a pine site as evidenced from old pine stumps, blueberry, sweet fern and goo form to pine that is in the stand. Spruce and fir are of "Christmas tree" form with limbs down to the ground. stand cut summer 2019			

Report 7 – Stands

Compartment: 118 Year of Entry: 2027

Stand	nd Level 4 Cover Type			Size Density		Acres	Stand Age	e BA Range	Managed Si	te	General Comments		
78	4134 - Aspen, Spruce/Fir			Sapling Well		13.9	36	Unspecified	N/A		2027 YOE: Aspen looks to be stagnate or at best extremely slow		
	Canopy Species % Cover		Size Class	DBH Age		Sub-Canopy Species		ies Density	Avg. Height	Size	growing. sand ground2017 YOE: Aspen 1 - 4" dbh with scattered trees moving into 1 stick class. upland b spruce and fir throughout with		
	Balsam Fir 30 Log		Log	4		Hazelı	nut (Beaked) Medium	5 - 10 feet	5 - 10 feet	pockets of dense spruce/fir. Stand is of very low quality for aspen fores		
	Black Cherry	10	Log	1		Ba	alsam Fir	Medium	5 - 10 feet	5 - 10 feet	type - 24 years old with an average dbh of 2".		
	White Spruce	5	Pole	4									
	Quaking Aspen	55	Sapling	6	36								
79	6224 - Treed Bog Unspecifed				128.0			No		stunted b spruce and tamarack. scattered small island inclusions of upland spruce/fir			
80	4134 - Asp	oen, Spruce/Fir		Poletimber Well		8.6 49		Unspecified	N/A		2027 YOE: Aspen 2-4 sticks. Dense fir understory. scattered lower stocked areas in E of stand. 2017 YOE: aspen 2 - 3 sticks. moderate - heavy fir. better quality aspen. Towards the Deer R b cherry		
	Canopy Species	anopy Species % Cover Size Class DBH A		I Age	Sub-Canopy Species Dens		ies Density	Avg. Height Size					
	Black Cherry	5	Pole	4		Balsam Fir		High	10 - 20 feet	10 - 20 feet	is more prevalent due to beavers cutting aspen.		
	White Spruce	10	Sapling	6		Bla	ck Cherry	Low	10 - 20 feet	10 - 20 feet			
	Balsam Fir	30	Sapling	7					·		-		
	Quaking Aspen	55	Seedling	8	49								
82	622	5 - Bog		Unspe	cifed	8.8			No		Deer River ponds and marsh		
83	6224 - `	Treed Bog		Unspecifed			8.3 No				b spruce and tamarack leading to Deer R. edge with open bog. High ground inclusions along extreme E edge of the stand and also W edge - 6 -8" dbh. b spruce with occasional aspen. little to no acreage.		
85	4130) - Aspen		Sapling Well		20.9	20.9 27 Unsp		N/A		2027 YOE: scattered aspen just moving into poletimber size class		
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Spec	ies Density	Avg. Height	Size	A3A42017 YOE: aspen 16 - 20' tall. just about a pure aspen stand. scattered large w pine. N end of stand has higher incidence of fir.		
	Balsam Fir	5	Pole	4		Hazelı	nut (Beaked) High	< 5 feet	< 5 feet			
	Quaking Aspen	90	Pole	3	27						-		
	White Pine	5		20									