

Compartment Review Presentation

Crystal Falls Forest Management Unit

Compartment 12062 Entry Year 2027 Acreage: 2,073

Management Area: Ralph Moraine

County: Dickinson

Stand Examiner: Deb Goupell

Legal Description:

T42N R28W Sec 9, 10, 15-17

Identified Planning Goals:

Manage for a sustainable yield in all forested cover types with aspen being prescribed for cut at age 50, per Management Area guidelines.

Soil and topography:

Fine sandy loams and rock outcrops for most of the uplands. Lowlands are Carbondale/Cathro/Waucedah mucks.

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

There are a number of private landowners within and adjacent to this compartment. It is heavily used for hunting, trapping and ATV riding.

Unique Natural Features:

Two branches of the Skunk Creek flow through this compartment.

Archeological, Historical, and Cultural Features:

None noted

Special Management Designations or Considerations:

This has been a historic deer wintering area.

Watershed and Fisheries Considerations:

Protect branches of Skunk Creek and East Branch Skunk Creek (Designated Trout Streams) with a 300 foot buffer for areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, a minimum 100 feet, plus 5 feet per 1% increase in slope, riparian management zone is recommended to protect riparian areas in accordance with Best Management Practices. There are also wetland areas within this compartment

(https://www.mcgi.state.mi.us/wetlands/mcgiMap.html#) If any treatments are near a wetland area, best management practices should be incorporated which include a 100' buffer. 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 in part of a historic deer wintering complex so white-tailed deer was selected as a featured species. Maintenance and enhancement of conifer species to provide thermal cover, travel corridors, and dispersal through uplands to obtain forage will be critical. Maintenance of forest openings and mast producing trees and shrubs is very important for both deer and bear. Maintaining the integrity of lowland conifers, lowland hardwoods, riparian corridors, vernal pools and drainages will provide for necessary black bear habitat. Mature forest conditions that provide nesting and foraging habitat for northern goshawk will be part of this compartment's management. Incorporating smaller aspen stands, increased age-class diversity, and adequate conifer as a stand component will enhance this compartment for grouse and woodcock.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial oil & gas production in this part of the state. The closest known active sand/gravel pit is less than two miles south, and two miles southeast is a quarry mining Randville dolomite. There is some good potential for development of gravel within the compartment on the uplands, but the glacial sediments also appear to be clayrich. Furthermore, the compartment might be too far from populated areas (commercial markets) for any aggregate resources present to have much value beyond use by the county road commission or DNR for local road maintenance.

Significant past metallic mineral exploration test drilling was completed within and in the immediate vicinity of the compartment. Evidence from test drilling and geophysical data indicate the presence of iron-bearing formations beneath the compartment, but any ore deposits may be too deep and/or too low grade to be economical to mine. The setting is also suitable for the occurrence of other metallic and critical minerals, but there has been no identified legitimate prospects and no leasing activity in the area involving State-owned mineral rights within the past 15 years. Potential for future production of metallic minerals from within the compartment is considered low at this time

Vehicle Access:

Skunk Creek Rd on the south boundary; poor dirt roads or trails access most of the rest of the compartment.

Survey Needs:

Yes

Recreational Facilities and Opportunities:

Stream fishing, hunting, trapping, ATV riding, dispersed camping available in this compartment.

Fire Protection:

Felch protection area.

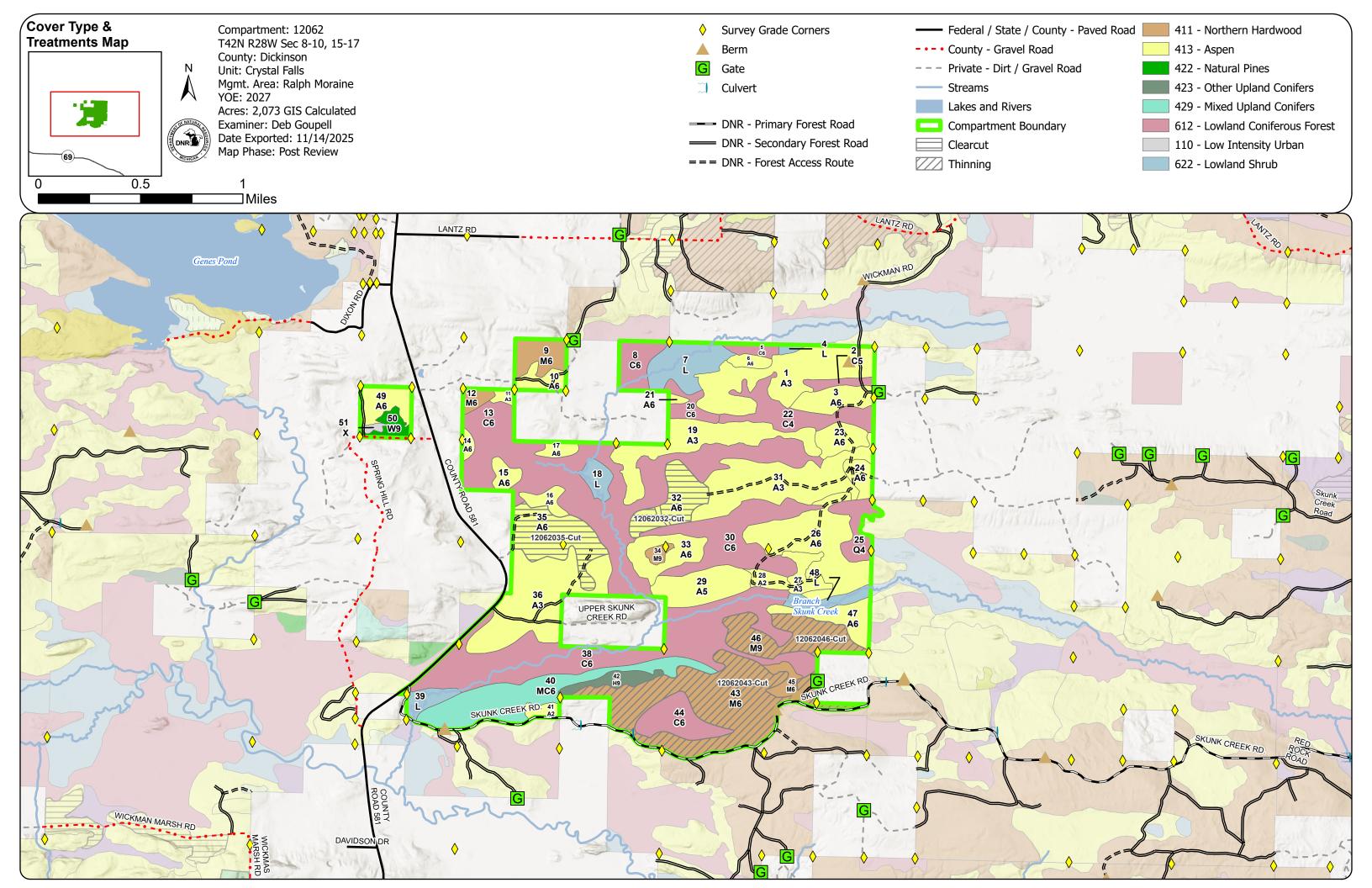
Additional Compartment Information:

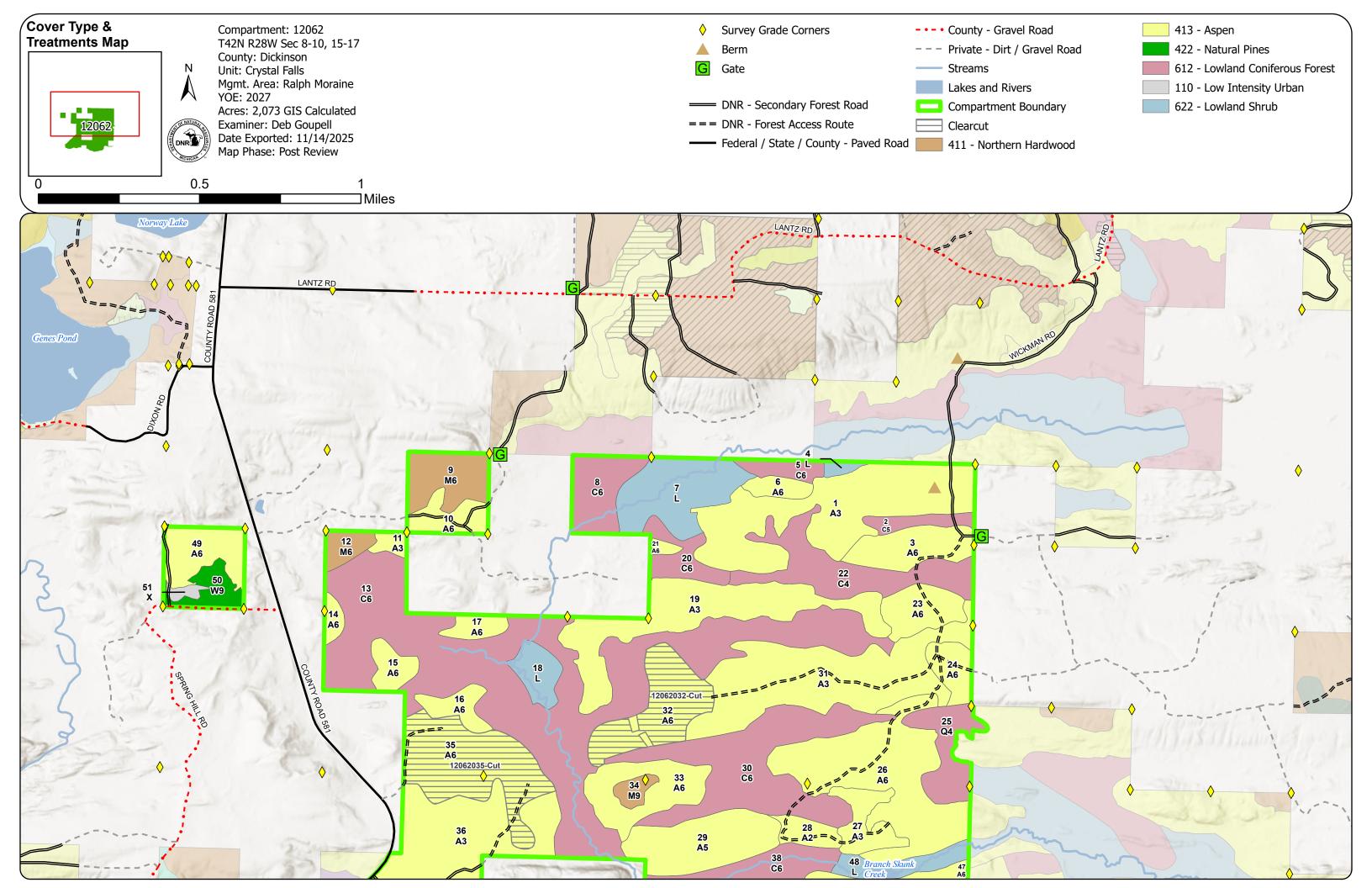
The following reports from the Inventory are attached:

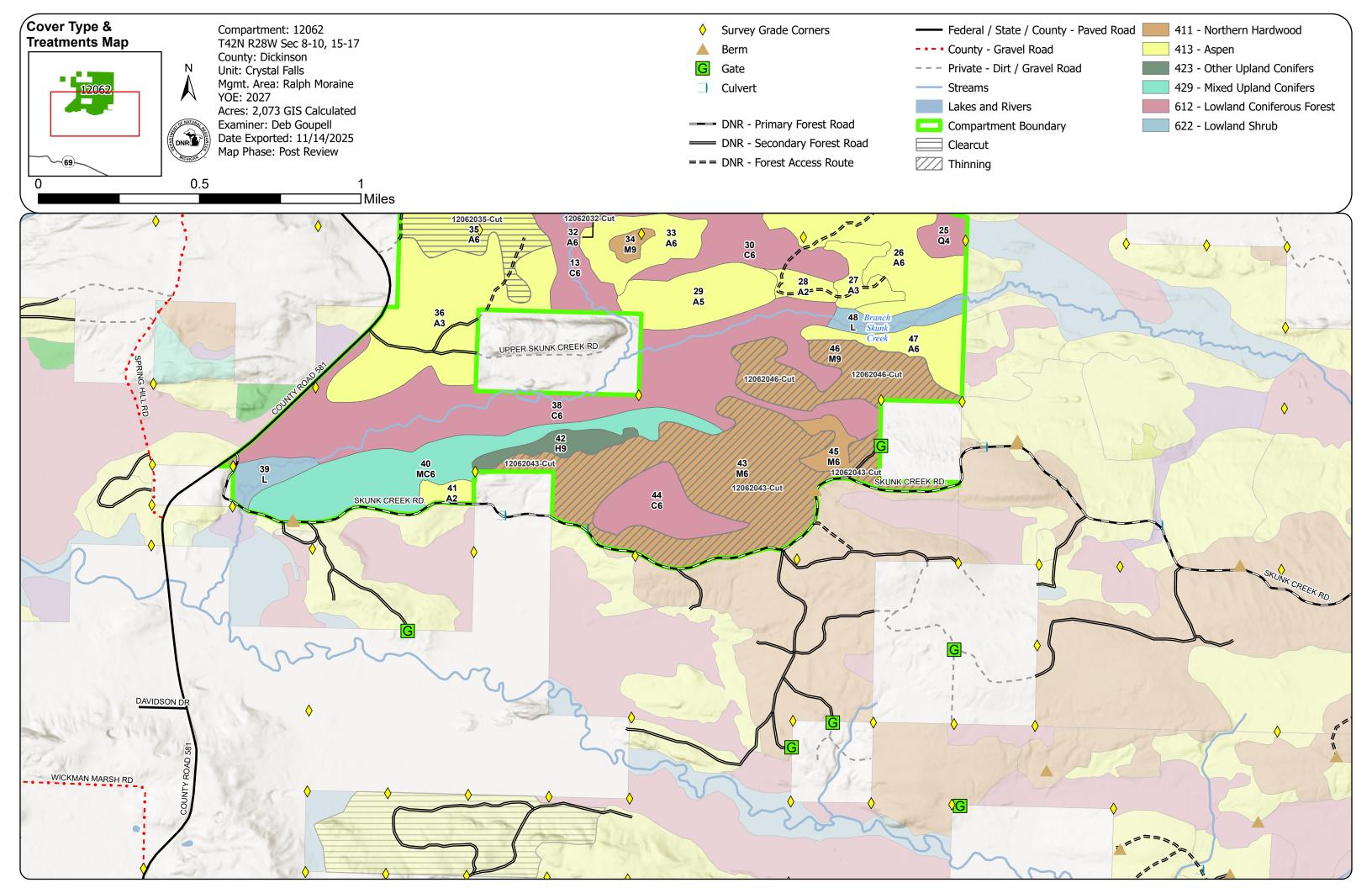
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

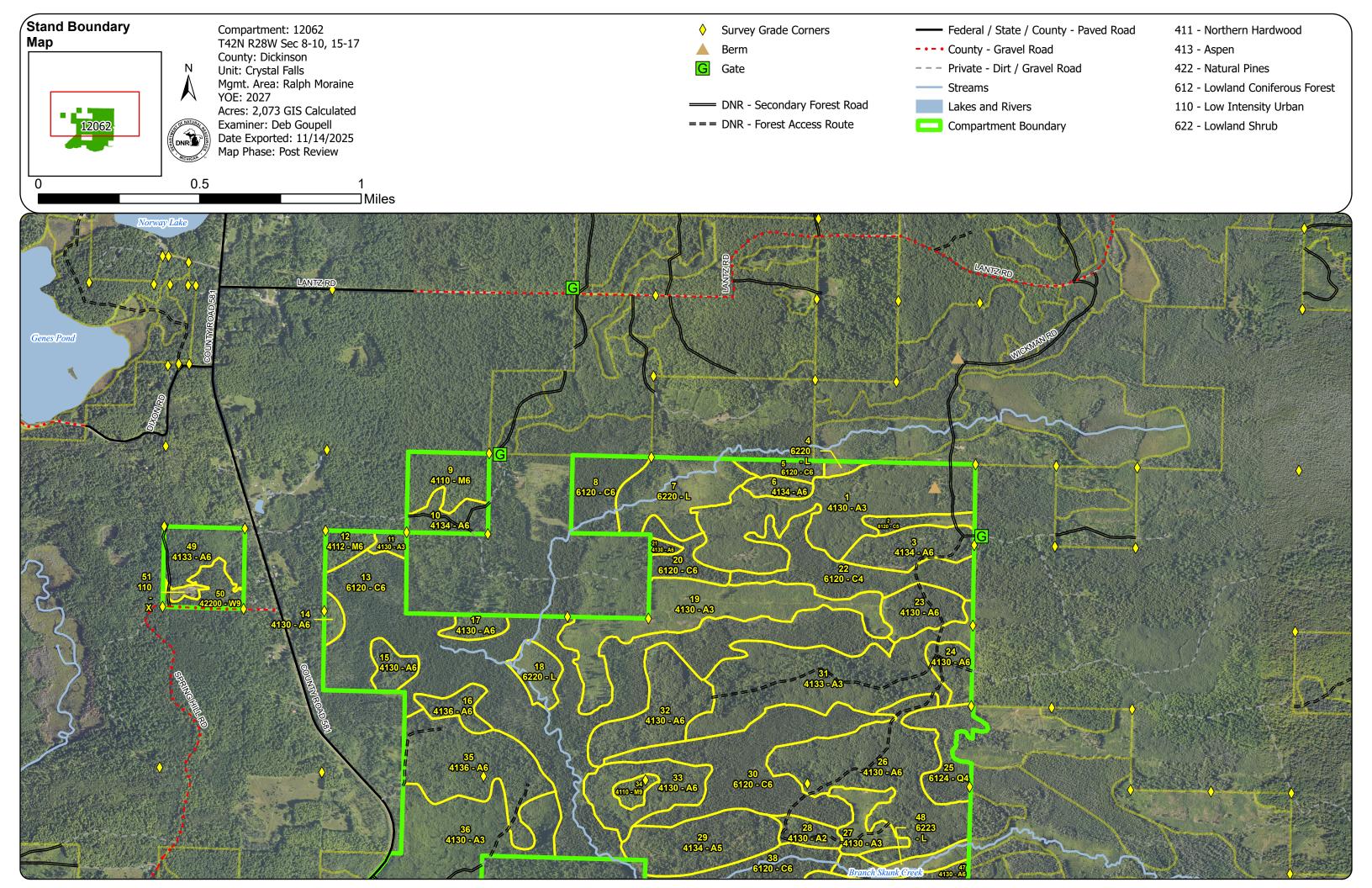
The following information is displayed, where pertinent, on the attached compartment maps:

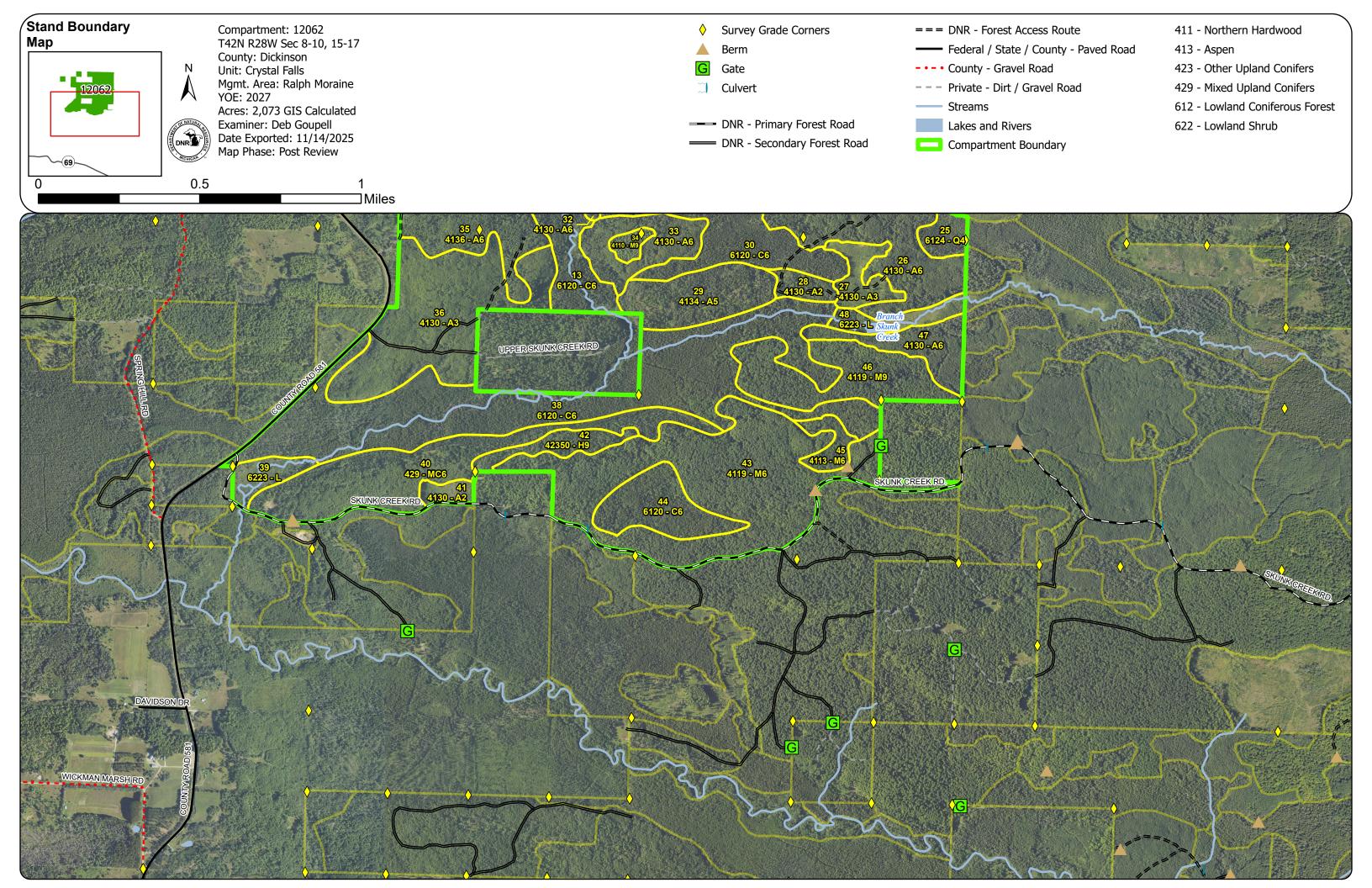
Base feature information, stand boundaries, cover types, and numbers Proposed treatments
Site condition boundaries
Details on the road access system

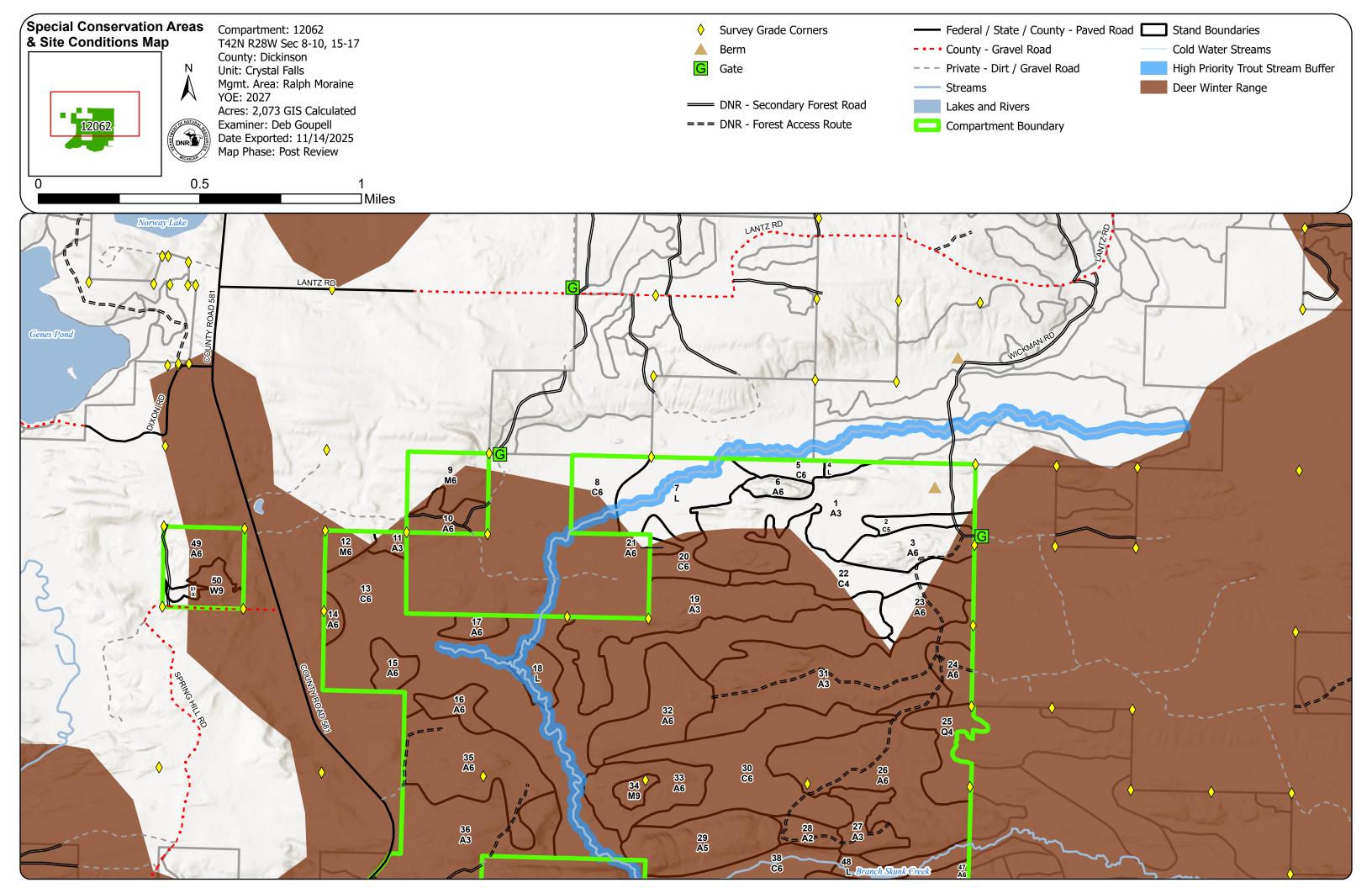


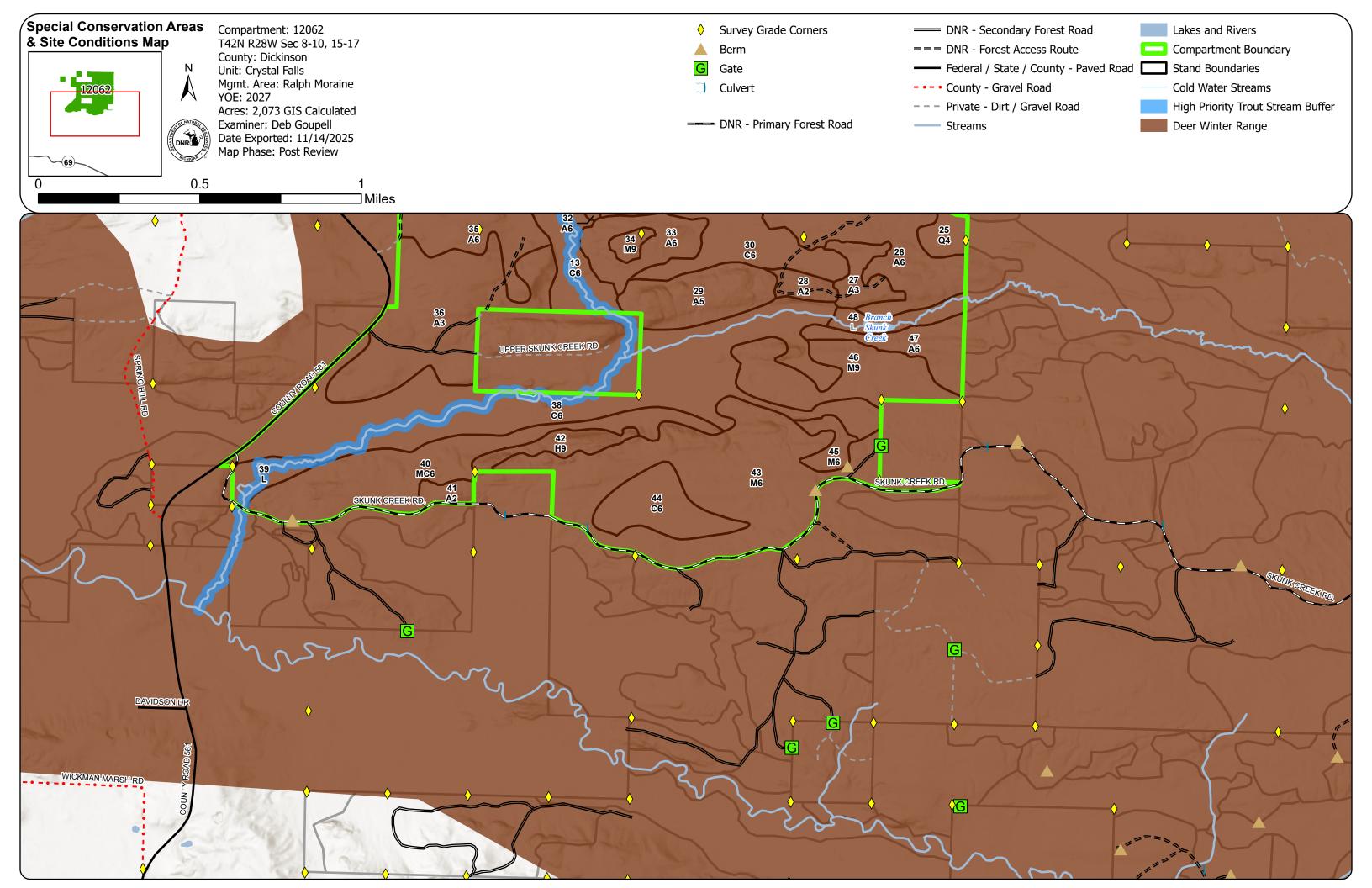












Compartment 62 Year of Entry 2027

Crystal Falls Mgt. Unit Deb Goupell: Examiner



Age Class

	/		/ /	/ /	/ /	/	/ /	/	/ /	/ /	/ /	/	/ /	_ /		/ /		/ /		/
	¥or €					3 / 6		3/8		\$\ \$	*			\$ \ \g				* Jres	A LOS	
Aspen	0	97	104	404	109	45	105	0	0	0	2	0	0	0	0	0	0	0	865	/
Cedar	0	0	0	0	0	0	0	0	0	0	141	262	278	0	0	0	0	0	681	
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0	0	17	
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0	25	
Lowland Shrub	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	90	
Northern Hardwood	0	0	0	0	0	11	0	0	0	0	0	238	0	0	0	0	0	40	289	
Upland Conifers	0	0	0	0	91	0	0	0	0	0	0	0	0	0	0	0	0	0	90	
Urban	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
White Pine	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	12	
Total	93	97	104	404	200	56	105	0	0	0	181	500	295	0	0	0	0	40	2072	



Report 2 – Treatment Summary

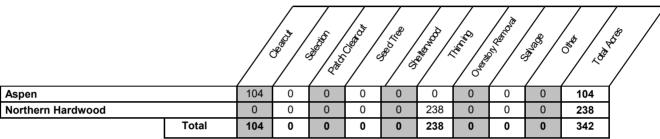
Crystal Falls Mgt. Unit Year of Entry: 2027

Acres of Harvest

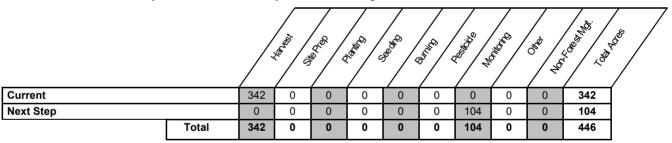
Compartment 62
Total Compartment Acres: 2,073

Commercial Harvest - 447 Harvests with Site Condition - 0 Next Step Harvest - 0 Habitat Cut - 0

Cover Type by Harvest Method



Proposed and Next Step Treatments by Method



Crystal Falls Mgt. Unit

Report 3 -- Treatments

Compartment: 12062 Year of Entry: 2027 DNR MICHIGAN

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

Habitat e Cut

Approved Treatments:

32 12062032-Cut 40.8 4130 - Aspen 6 50 Unspec Harvest Clearcut 413 - Aspen Planting No ified Record

Prescription Final harvest all stems " and up. Retain all cedar, white/red pine, clumps of submerchantable conifer where available. Corridor of conifer will be left as retention (shown in treatment)

Specs: be left as retention (shown in treatment).

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable aspen, mixed hardwood, mixed softwood

Regen:

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2026

35 12062035-Cut 62.8 4136 - Aspen, 6 50 Unspec Harvest Clearcut 413 - Aspen Planting No Mixed Conifer ified Record

Prescription Final harvest all stems 3" and greater except cedar, white/red pine, hemlock. Red pine pocket will be kept as retention as well as conifer in

Specs: the northwest corner. Retain clumps of live submerchantable conifer where available.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable aspen, mixed softwood, mixed hardwood

Regen:

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2026

43 12062043-Cut 176.6 4119 - Mixed 6 101 111- Harvest Thinning 411 - Northern Planting No
Northern Hardwoods 140 Hardwood Record

Prescription Thin to 70 BA following Compleat Marker. Retain some representation of minor species. No cedar, pine, hemlock, conifer will be cut. WLD

Specs: requests this be a winter only harvest to feed deer.

Next Step Treatments:

Acceptable mixed hardwood, mixed softwood

Regen:

Other Be mindful of vernal ponds keeping 70% canopy cover

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

Crystal Falls Mgt. Unit Report 3 -- Treatments Compartment: 12062 S Year of Entry: 2027 t а **Cover Type Treatment** Acres Stand Size Stand BA **Treatment Treatment** Age Habitat n Method Objective Density Structure Name CoverType Age Range Type Cut d Planting 46 12062046-Cut 61.8 4119 - Mixed 102 111-Harvest Thinning 411 - Northern No Northern Hardwoods 140 Hardwood Record Prescription Thin to 70 BA following Compleat Marker. Retain some representation of minor species. No cedar, pine, hemlock, conifer will be cut. Specs: Next Step Treatments: Acceptable mixed hardwood, mixed softwood Regen: <u>Other</u> Comment:

Total Treatment 342
Acreage Proposed:

Proposed Start Date: 10/01/2026

Site Condition:

Report 4 - Site Conditions

Crystal Falls Mgt. Unit
Deb Goupell: Examiner

Compartment: 62 Year of Entry: 2027



Availability for Management Total Acres Acres Avail Acres **Dominant Site Conditions** Available With Condition Not Available 3L 5E Acres 3H 3J 766 757 9 Aspen 3 2 4 0 669 93 576 Cedar 567 0 17 17 0 0 Hemlock 25 25 0 **Lowland Conifers** 0 90 90 0 Lowland Shrub 0 289 289 0 Northern Hardwood 0 90 91 0 **Upland Conifers** 0 3 0 3 Urban 0 12 13 0 0 White Pine 1,962 1,377 586 **Total Forested Acres** 570 9 2 4 70% 30% Relative Percent

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	9	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified	Unspecified
	Comments:						
2	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	200	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified	Unspecified
	Comments:						
6	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
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Report 4 – Site Conditions

Crystal Falls Mgt. Unit

Deb Goupell: Examiner

access. Other possibility is to access through private

Compartment: 62 Year of Entry: 2027



7	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	370	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified	Unspecified
	Comments:						
8	Unavailable	3L: Other wildlife concerns	2	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
	Comments:						

Need to harvest through cedar to access this stand; water draining along east edge of this stand northerly. Low volume to capture for roadwork necessary to

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Mgt. Unit Compartment: #Type!
Year of Entry:

Report 5 - PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

* This is a partial list of SCAs for this compartment. Not included are those areas identified under other Department initiatives (Natural Rivers, Deer Wintering Areas, etc.). Those will be identified in separate, future map and report products.

SCA Name	SCA Category	Detail Type	Recommendation	Acres
Comments				



Stan	d Level 4 C	over Type	;	Size D	ensity	Acres	Stand Age	BA Range	Managed Si	te	General Comments
1	4130	- Aspen		Saplin	g Well	99.5	15	Immature	N/A		Goat Country TS cut 2010; wet pockets in here, very rocky
	Canopy Species	% Cover	Size Class	DBI	H Age						
	Quaking Aspen	80	Sapling	3	15						
	Balsam Poplar	15	Sapling	3							
	Balsam Fir	5	Sapling/Pole	3							
2	6120 - Lo	wland Ceda	ar Pol	letimbe	r Mediun	n 8.7	92	Unspecified	N/A		Most of the cedar is on west half of stand. Cutting only merchantable
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	wood to where cedar is predominant. No cedar to be cut. Very wet. Did not find bed and bank but there is definite drainage through here.
	Balsam Poplar	5	Log	14		T	ag Alder	Medium	5 - 10 feet	5 - 10 feet	Skunk Creek Scraps TS cut 2020, about 2-3 acre along road,
	Black Spruce	10	Pole	8							recruiting to T1/T2 with a few black spruce
N	orthern White Cedar	50	Pole/Log	9	92						
	Tamarack	35	Sapling/Pole	1	5						
3	4134 - Asp	en, Spruce/	Fir P	oletim	per Well	26.3	29	Immature	N/A		Upper Skunk Ck Club TS cut 1996. Rocky site
	Canopy Species	% Cover	Size Class	DBI	H Age						
	Quaking Aspen	60	Pole	5	29						
	Balsam Poplar	15	Pole	5							
	Balsam Fir	15	Pole/Sapling	5							
	White Spruce	10	Pole	5							
4	6220 - A	lder/Willow		No	ne	3.0			No		OPIC - FMD: OI Stand Year Origin was 1910
5	6120 - Lo	wland Ceda	ar P	oletim	oer Well	9.0	115	Unspecified	N/A		stand is within 300' buffer to Skunk Creek
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	
N	orthern White Cedar	70	Pole	8	115	T	ag Alder	High	5 - 10 feet	5 - 10 feet	
	Tamarack	30	Pole	9							
6	4134 - Asp	en, Spruce/	Fir P	oletim	per Well	7.6	39	Unspecified	N/A		Stand cut 1986. Stand is on a rock ridge
	Canopy Species	% Cover	Size Class	DRI	1 4						
	Carlopy Opecies	/0 0010 .		וטט	H Age						
	Red Maple	25	Pole/Sapling	5	1 Age						
					39						
	Red Maple	25	Pole/Sapling	5							
7	Red Maple Quaking Aspen Balsam Fir	25 50	Pole/Sapling Pole Pole/Sapling	5	39	44.6			No		
7 8	Red Maple Quaking Aspen Balsam Fir 6220 - A	25 50 25	Pole/Sapling Pole Pole/Sapling	5 5 6 No	39	44.6	115	111-140	No N/A		Skunk Creek passes in the south portion of this stand.
	Red Maple Quaking Aspen Balsam Fir 6220 - A	25 50 25 Ider/Willow	Pole/Sapling Pole Pole/Sapling	5 5 6 No	39 39 ne		115	111-140			Skunk Creek passes in the south portion of this stand.
8	Red Maple Quaking Aspen Balsam Fir 6220 - A	25 50 25 Ider/Willow	Pole/Sapling Pole Pole/Sapling	5 5 6 No	39 39 one Der Well		115	111-140			Skunk Creek passes in the south portion of this stand.



Stan	d Level 4 Co	over Type	s	ize De	ensity	Acres	Stand Age	BA Range	Managed Si	ite	General Comments
9	4110 - Sugar N	laple Assoc	ciation Po		er Well	25.5	101	81-110	N/A		Private Access TS cut 2010. State received this 40 in 1993 in an exchange. White ash & ironwood very thick in east half, where BAs
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	are more around 110
	Sugar Maple	60	Log/Pole	13	101	W	hite Ash	High	10 - 20 feet	10 - 20 feet	
	Red Maple	1	Log/Pole	10		In	onwood	Medium	Variable	Variable	
	Basswood	37	Log/Pole	12							
	Paper Birch	2	Log/Pole	11							
10	4134 - Aspe	en, Spruce/	Fir Po	oletimb	er Well	14.7	33	Immature	N/A		Cut 1992; State received this 40 in 1993 in trade
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Quaking Aspen	70	Pole/Sapling	5	33	Haze	elnut (Spp.)	High	5 - 10 feet	5 - 10 feet	
	Balsam Fir	10	Pole/Sapling	6							-
	White Spruce	10	Pole/Sapling	6							
	Black Cherry	5	Sapling/Pole	4							
	Ironwood	5	Pole/Sapling	5							
11	4130	- Aspen	5	Saplin	g Well	4.5	15	Immature	N/A		Private Access TS cut 2010
	Canopy Species	% Cover	Size Class	DBH	l Age						
	Quaking Aspen	95	Sapling	2	15						
	White Pine	5	XLog/Log	18							
12	4112 - Maple, Beec	h Charry A									
- 12						8.7	101	81-110	N/A		Big bowl in center of stand. Some impressive sugar maple relics. White pine super cappy. South edge of stand has more
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Big bowl in center of stand. Some impressive sugar maple relics. White pine super canopy. South edge of stand has more conifer/pine/birch. Very heavy browse. White birch is falling out.
	Canopy Species Sugar Maple	% Cover 60	Size Class Log/Pole	DB I		Sub-Ca	nopy Species	Density Low	Avg. Height 5 - 10 feet	Size 5 - 10 feet	White pine super canopy. South edge of stand has more
12	Canopy Species Sugar Maple Red Maple	% Cover 60 20	Size Class Log/Pole Log/Pole	12 12	l Age	Sub-Ca Ba	nopy Species Ilsam Fir hite Pine	Low Low	Avg. Height 5 - 10 feet < 5 feet	Size 5 - 10 feet < 5 feet	White pine super canopy. South edge of stand has more
12	Canopy Species Sugar Maple Red Maple Yellow Birch	% Cover 60 20 3	Size Class Log/Pole Log/Pole Log/Pole	12 12 10	l Age	Sub-Ca Ba	nopy Species	Density Low	Avg. Height 5 - 10 feet	Size 5 - 10 feet	White pine super canopy. South edge of stand has more
12	Canopy Species Sugar Maple Red Maple Yellow Birch Balsam Fir	% Cover 60 20 3 2	Size Class Log/Pole Log/Pole Log/Pole Pole	12 12 10 7	l Age	Sub-Ca Ba	nopy Species Ilsam Fir hite Pine	Low Low	Avg. Height 5 - 10 feet < 5 feet	Size 5 - 10 feet < 5 feet	White pine super canopy. South edge of stand has more
12	Canopy Species Sugar Maple Red Maple Yellow Birch Balsam Fir White Spruce	% Cover 60 20 3 2 3	Size Class Log/Pole Log/Pole Log/Pole Pole Pole	12 12 10 7 8	l Age	Sub-Ca Ba	nopy Species Ilsam Fir hite Pine	Low Low	Avg. Height 5 - 10 feet < 5 feet	Size 5 - 10 feet < 5 feet	White pine super canopy. South edge of stand has more
12	Canopy Species Sugar Maple Red Maple Yellow Birch Balsam Fir White Spruce White Pine	% Cover 60 20 3 2 3 10	Size Class Log/Pole Log/Pole Log/Pole Pole Pole YLog/Log	12 12 10 7 8 18	l Age	Sub-Ca Ba	nopy Species Ilsam Fir hite Pine	Low Low	Avg. Height 5 - 10 feet < 5 feet	Size 5 - 10 feet < 5 feet	White pine super canopy. South edge of stand has more
	Canopy Species Sugar Maple Red Maple Yellow Birch Balsam Fir White Spruce	% Cover 60 20 3 2 3	Size Class Log/Pole Log/Pole Log/Pole Pole Pole	12 12 10 7 8	l Age	Sub-Ca Ba	nopy Species Ilsam Fir hite Pine	Low Low	Avg. Height 5 - 10 feet < 5 feet	Size 5 - 10 feet < 5 feet	White pine super canopy. South edge of stand has more
13	Canopy Species Sugar Maple Red Maple Yellow Birch Balsam Fir White Spruce White Pine Ironwood	% Cover 60 20 3 2 3 10	Size Class Log/Pole Log/Pole Log/Pole Pole Pole YLog/Log Pole	12 12 10 7 8 18 6	l Age	Sub-Ca Ba	nopy Species Ilsam Fir hite Pine onwood	Low Low	Avg. Height 5 - 10 feet < 5 feet	Size 5 - 10 feet < 5 feet Variable	White pine super canopy. South edge of stand has more conifer/pine/birch. Very heavy browse. White birch is falling out. Cedar dbhs range all over. Larger diameters on stand perimeters.
	Canopy Species Sugar Maple Red Maple Yellow Birch Balsam Fir White Spruce White Pine Ironwood	% Cover 60 20 3 2 3 10 2	Size Class Log/Pole Log/Pole Log/Pole Pole Pole YLog/Log Pole	12 12 10 7 8 18 6	1 Age 101	Sub-Ca Ba W In	nopy Species Ilsam Fir hite Pine onwood	Low Low Low	Avg. Height 5 - 10 feet < 5 feet Variable	Size 5 - 10 feet < 5 feet Variable	White pine super canopy. South edge of stand has more conifer/pine/birch. Very heavy browse. White birch is falling out.
	Canopy Species Sugar Maple Red Maple Yellow Birch Balsam Fir White Spruce White Pine Ironwood 6120 - Lov Canopy Species Balsam Fir	% Cover 60 20 3 2 3 10 2 wland Ceda % Cover 2	Size Class Log/Pole Log/Pole Log/Pole Pole Pole XLog/Log Pole Size Class Pole	12 12 10 7 8 18 6 DBH	1 Age 101 101 er Well	Sub-Ca Ba W In	nopy Species alsam Fir hite Pine onwood	Low Low Low	Avg. Height 5 - 10 feet < 5 feet Variable	Size 5 - 10 feet < 5 feet Variable Size Variable	White pine super canopy. South edge of stand has more conifer/pine/birch. Very heavy browse. White birch is falling out. Cedar dbhs range all over. Larger diameters on stand perimeters.
	Canopy Species Sugar Maple Red Maple Yellow Birch Balsam Fir White Spruce White Pine Ironwood 6120 - Low	% Cover 60 20 3 2 3 10 2 wland Ceda	Size Class Log/Pole Log/Pole Log/Pole Pole Pole XLog/Log Pole T Pole Size Class	12 12 10 7 8 18 6	1 Age 101 101 er Well	Sub-Ca Ba William 1r 243.7 Sub-Ca	nopy Species Ilsam Fir hite Pine onwood 115 L nopy Species	Low Low Low Low Density	Avg. Height 5 - 10 feet < 5 feet Variable N/A Avg. Height	Size 5 - 10 feet < 5 feet Variable	White pine super canopy. South edge of stand has more conifer/pine/birch. Very heavy browse. White birch is falling out. Cedar dbhs range all over. Larger diameters on stand perimeters.
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13	Canopy Species Sugar Maple Red Maple Yellow Birch Balsam Fir White Spruce White Pine Ironwood 6120 - Lov Canopy Species Balsam Fir Black Spruce orthern White Cedar	% Cover 60 20 3 2 3 10 2 wland Ceda % Cover 2 8	Size Class Log/Pole Log/Pole Pole Pole XLog/Log Pole Size Class Pole Pole Log/Pole	DBH 12 12 10 7 8 18 6 DBH 7 8 10	1 Age 101 101 101 101 101 101 101 101 101 10	Sub-Ca Ba William 1r 243.7 Sub-Ca	nopy Species Ilsam Fir hite Pine onwood 115 nopy Species ack Ash ag Alder	Low Low Low Low Density Jnspecified Density Medium	Avg. Height 5 - 10 feet < 5 feet Variable N/A Avg. Height Variable	Size 5 - 10 feet < 5 feet Variable Size Variable 5 - 10 feet	White pine super canopy. South edge of stand has more conifer/pine/birch. Very heavy browse. White birch is falling out. Cedar dbhs range all over. Larger diameters on stand perimeters.
13 No	Canopy Species Sugar Maple Red Maple Yellow Birch Balsam Fir White Spruce White Pine Ironwood 6120 - Lov Canopy Species Balsam Fir Black Spruce orthern White Cedar	% Cover 60 20 3 2 3 10 2 wland Ceda % Cover 2 8 90	Size Class Log/Pole Log/Pole Log/Pole Pole Pole XLog/Log Pole r Pol Size Class Pole Log/Pole Pole Pole	DBH 12 10 7 8 18 6 Dletimb 7 8 10 DBH 7 8 10	ner Well 115	243.7 Sub-Ca Ba William 243.7 Sub-Ca Bi Ta 4.9	nopy Species Ilsam Fir hite Pine onwood 115 nopy Species ack Ash ag Alder	Low Low Low Low Low Medium High	Avg. Height 5 - 10 feet < 5 feet Variable N/A Avg. Height Variable 5 - 10 feet	Size 5 - 10 feet < 5 feet Variable Size Variable 5 - 10 feet	White pine super canopy. South edge of stand has more conifer/pine/birch. Very heavy browse. White birch is falling out. Cedar dbhs range all over. Larger diameters on stand perimeters. Very wet stand.
13 No	Canopy Species Sugar Maple Red Maple Yellow Birch Balsam Fir White Spruce White Pine Ironwood 6120 - Low Canopy Species Balsam Fir Black Spruce orthern White Cedar	% Cover	Size Class Log/Pole Log/Pole Log/Pole Pole Pole XLog/Log Pole r Pol Size Class Pole Log/Pole Pole Pole	DBH 12 10 7 8 18 6 Dletimb 7 8 10 DBH 7 8 10	per Well 115	Sub-Ca Ba W In 243.7 Sub-Ca BI Ta 4.9 Sub-Ca	nopy Species alsam Fir hite Pine onwood 115 nopy Species ack Ash ag Alder	Low Low Low Low Low Medium High	Avg. Height 5 - 10 feet < 5 feet Variable N/A Avg. Height Variable 5 - 10 feet	Size 5 - 10 feet < 5 feet Variable Size Variable 5 - 10 feet	White pine super canopy. South edge of stand has more conifer/pine/birch. Very heavy browse. White birch is falling out. Cedar dbhs range all over. Larger diameters on stand perimeters. Very wet stand.
13 No	Canopy Species Sugar Maple Red Maple Yellow Birch Balsam Fir White Spruce White Pine Ironwood Canopy Species Balsam Fir Black Spruce orthern White Cedar 4130 Canopy Species	% Cover 60 20 3 2 3 10 2 wland Ceda % Cover 2 8 90 - Aspen % Cover	Size Class Log/Pole Log/Pole Log/Pole Pole Pole XLog/Log Pole Size Class Pole Log/Pole Pole Size Class	DBH 12 10 7 8 18 6 DBH 7 8 10 DBH 10 DBH DBH	er Well 115 ber Well 1 Age	Sub-Ca Ba William 243.7 Sub-Ca Bi Ta 4.9 Sub-Ca Ba	nopy Species alsam Fir hite Pine onwood 115 U nopy Species ack Ash ag Alder 34 nopy Species	Density Low Low Low Low Unspecified Density Medium High Immature Density	Avg. Height 5 - 10 feet < 5 feet Variable N/A Avg. Height Variable 5 - 10 feet N/A Avg. Height	Size 5 - 10 feet < 5 feet Variable Size Variable 5 - 10 feet	White pine super canopy. South edge of stand has more conifer/pine/birch. Very heavy browse. White birch is falling out. Cedar dbhs range all over. Larger diameters on stand perimeters. Very wet stand.



						e BA Range	Managed S	110	General Comments
	- Aspen		oletimber V	_	4 34	Immature	N/A		Stanton Line TS cut 1991. Canopy closure closer to 75%. just moving into pole size
Canopy Species	% Cover		DBH A						polo 0.20
				1					
•		, ,	-						
•									
<u> </u>					1 34	Immature	N/A	L .	Stanton Lines TS cut 1991; tamarack is more on edges. Stand just moving into pole size
				1					
			-						
· · · · · · · · · · · · · · · · · · ·		, ,							
Tamarack	5	Sapling	2						
				_	34	Immature	N/A		Stanton Line TS cut 1991. BAs 4-7", stand moving into pole size
				1					
<u>'</u>									
White Spruce	5	Pole/Sapling	5						
6220 - Al	lder/Willow		None	13.	6		No		
4130	- Aspen	:	Sapling We	ell 73.	4 5	Immature	N/A	<u> </u>	Skunk Creek Scraps cut 2020
Canopy Species	% Cover	Size Class	DBH Ag	e					
Quaking Aspen	100	Sapling							
6120 - Lov	wland Ceda	ır Po	oletimber V	Vell 15.	7 102	Unspecified	N/A		center/west of this stand has stunted BS & WC 1-4" dbh. This is a
Canopy Species	% Cover	Size Class	DBH Ag	e Sub-	Canopy Spec	ies Density	Avg. Height	Size	very wet stand.
Black Spruce	10	Pole	5		Tag Alder	Medium	5 - 10 feet	5 - 10 feet	
rthern White Cedar	90	Log/Pole	10 10	2 V	/hite Spruce	Medium	5 - 10 feet	5 - 10 feet	
					Balsam Fir	Medium	5 - 10 feet	5 - 10 feet	
4130	- Aspen	Po	oletimber V	Vell 2.3	92	Unspecified	N/A	1	Significant conifer mortality. Balsam fir 5-15 feet regeneration. Stand
Canopy Species	% Cover	Size Class	DBH A	e Sub-	Canopy Spec	ies Density	Avg. Height	Size	surrounded by cedar, running water on east end. Would be a very difficult stand to access WLD prefered to retain this stand
Quaking Aspen	99	Log/Pole	11 9	2 V	/hite Spruce	Medium	Variable	Variable	Professional Control of Control o
White Pine	1	Log	16		Balsam Fir	Low	Variable	Variable	
·r	Quaking Aspen Balsam Poplar Balsam Fir White Spruce 4136 - Aspen Canopy Species Quaking Aspen Balsam Fir White Spruce Tamarack 4130 Canopy Species Quaking Aspen Balsam Fir White Spruce Tamarack 4130 Canopy Species Quaking Aspen Balsam Fir White Spruce 6220 - A 4130 Canopy Species Quaking Aspen 6120 - Lov Canopy Species Black Spruce rthern White Cedar	Quaking Aspen 80 Balsam Poplar 10 Balsam Fir 5 White Spruce 5 4136 - Aspen, Mixed Co Canopy Species % Cover Quaking Aspen 70 Balsam Fir 10 White Spruce 5 Tamarack 5 Canopy Species % Cover Quaking Aspen 85 Balsam Fir 5 White Spruce 5 Canopy Species % Cover Quaking Aspen 85 Balsam Fir 5 White Spruce 5 6220 - Alder/Willow 4130 - Aspen Canopy Species % Cover Quaking Aspen 100 6120 - Lowland Ceda Canopy Species % Cover Black Spruce 10 rthern White Cedar 90 4130 - Aspen Canopy Species % Cover Black Spruce 10 Aspen	Quaking Aspen80Pole/SaplingBalsam Poplar10Pole/SaplingBalsam Fir5Pole/SaplingWhite Spruce5Sapling4136 - Aspen, Mixed ConiferPole/SaplingCanopy Species% CoverSize ClassQuaking Aspen70Pole/SaplingBalsam Poplar10SaplingBalsam Fir10PoleWhite Spruce5Pole/SaplingTamarack5SaplingCanopy Species% CoverSize ClassQuaking Aspen85Pole/SaplingBalsam Poplar5SaplingBalsam Fir5Pole/SaplingWhite Spruce5Pole/Sapling6220 - Alder/Willow4130 - Aspen6120 - Lowland CedarPoleCanopy Species% CoverSize ClassBlack Spruce10Polecherry Species% CoverSize ClassBlack Spruce10Polecherry White Cedar90Log/Pole	Quaking Aspen 80 Pole/Sapling 5 34 Balsam Poplar 10 Pole/Sapling 5 34 Balsam Fir 5 Pole/Sapling 5 34 White Spruce 5 Sapling 4 4 Canopy Species % Cover Size Class DBH Ag Quaking Aspen 70 Pole/Sapling 5 34 Balsam Poplar 10 Sapling 4 4 Balsam Fir 10 Pole Sapling 5 5 Tamarack 5 Pole/Sapling 5 34 Canopy Species % Cover Size Class DBH Ag 34 Quaking Aspen 85 Pole/Sapling 5 34 Balsam Fir 5 Sapling 4 34 Balsam Fir 5 Pole/Sapling 5 34 Balsam Fir 5 Pole/Sapling 5 34 Balsam Fir 5 Pole/Sapling 5 34 White Spruc	Quaking Aspen 80	Quaking Aspen 80 Pole/Sapling 5 34	Registration Section Section	Quaking Aspen 80 Pole/Sapling 5 34 Balsam Poplar 10 Pole/Sapling 5 Balsam Fir 5 Pole/Sapling 5 White Spruce 5 Sapling 4 4136 - Aspen, Mixed Conifer Poletimber Well 11.1 34 Immature N/A Canopy Species % Cover Size Class DBH Age DBH Age DBH Age DBH Age DBH Age DBH Age N/A Quaking Aspen 85 Pole/Sapling 5 34 ABBlasam Poplar 5 Sapling 4 ABBlasam Fir 5 Sapling 4 ABBlasam Fir 5 Sapling 5 ABBlasam Fir 5 Pole/Sapling 5 ABBlasam Fir 13	Quaking Aspen 80 Pole/Sapling 5 34 Balsam Poplar 10 Pole/Sapling 5 Balsam Fir 5 Pole/Sapling 5 Balsam Fir 5 Pole/Sapling 5 Balsam Fir 15 Pole/Sapling 4 Balsam Fir 10 Pole/Sapling 5 34 Immature N/A N/A Balsam Poplar 10 Sapling 4 Balsam Poplar 10 Sapling 4 Balsam Fir 10 Pole/Sapling 5 34 Immature N/A N/A 4 Balsam Poplar 10 Pole/Sapling 5 34 Immature N/A N/A Immature N/A N/A Immature



Stand	Level 4 C	over Type	5	Size De	nsity	Acres	Stand Age	BA Range	Managed Si	te	General Comments
22	6120 - Lo	wland Ceda	ar Po	oletimb	er Poor	47.5	94	Unspecified	N/A		Stand is extremely wet. Pockets of S3, tag, Q4.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Specie	s Density	Avg. Height	Size	
	Black Spruce	12	Sapling/Pole	4		Bla	ick Ash	Medium	Variable	Variable	
No	rthern White Cedar	80	Pole	8	94	Та	g Alder	High	5 - 10 feet	5 - 10 feet	
	Tamarack	3	Pole	6							_
	Black Ash	5	Sapling	4							
23	4130	- Aspen	Р	oletimb	er Well	20.5	29	Immature	N/A		Upper Skunk Ck Club TS cut 1996. some upland balm of gilead and
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Specie	s Density	Avg. Height	Size	conifer on north
	Quaking Aspen	90	Pole	7	29	Bal	sam Fir	Medium	Variable	Variable	
	Balsam Poplar	5	Pole/Sapling	7		Whit	e Spruce	Low	Variable	Variable	
	Balsam Fir	5	Pole/Sapling	6							_
24	4130	- Aspen	Р	oletimb	er Well	13.0	29	Immature	N/A		Upper Skunk Ck Club TS cut 1996
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Cai	nopy Specie	s Density	Avg. Height	Size	
	Quaking Aspen	100	Pole/Sapling	5	29	Wh	ite Pine	High	Variable	Variable	
						Whit	e Spruce	Low	Variable	Variable	
						Bal	sam Fir	Low	Variable	Variable	
25	6124 - Lowla	and Spruce	-Fir Po	oletimb	er Poor	24.6	95	Unspecified	N/A		Stand is very wet except for the upland knob on the east side, which should be cut with adjacent stand/compartment (YOE 2018).
	Canopy Species	% Cover	Size Class	DBH	Age						should be cut with adjacent stand/compartment (TOE 2010).
	Quaking Aspen	10	Log/Pole	12							
	Balsam Poplar	10	Log	14							
	White Spruce	15	Pole	8							
	Black Spruce	40	Pole	7	95						
No	rthern White Cedar	5	Pole	9							
	Black Ash	20	Pole/Sapling	6							
26	4130	- Aspen	Р	oletimb	er Well	90.9	29	Immature	N/A		Upper Skunk Ck Club TS cut 1996. Dbhs 3-6"
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Specie	s Density	Avg. Height	Size	
	Quaking Aspen	100	Pole/Sapling	5	29	Bal	sam Fir	Medium	Variable	Variable	
						Whit	e Spruce	Medium	Variable	Variable	
27	4130	- Aspen		Saplino	y Well	17.0	5	Immature	N/A		Skunk Creek Scraps TS cut 2020
	Canopy Species	% Cover	Size Class	DBH	l Age						
	Quaking Aspen	94	Sapling	1	5						
	Balsam Fir	5	Sapling	2							
	Red Pine	1	Log/Pole	11							



Stand	d Level 4 Co	over Type	5	Size De	nsity	Acres	Stand Age E	BA Range	Managed S	ite	General Comments
28	4130 -	- Aspen	S	apling I	Medium	9.7	29	Immature	N/A		Upper Skunk Ck Club TS cut 1996; top of a knob. aspen thinner on
	Canopy Species	% Cover	Size Class	DBH	I Age						top than edges and east end of stand
	Red Maple	15	Sapling	2							
	Quaking Aspen	65	Sapling	4	29						
	Balsam Fir	10	Sapling/Pole	4							
	White Spruce	5	Sapling	3							
	White Pine	3	Sapling	3							
	Black Cherry	2	Sapling	3							
29	4134 - Aspe	n, Spruce/	Fir Pol	etimbe	r Mediun	n 44.6	46 L	Inspecified	N/A		East Br. Skunk Ck TS cut 1979. This stand is on a rock; north facing
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	slope has more conifer 2-6" dbh; top of rock is very scattered trees mostly less than 5"dbh. South and east of rock is thicker to aspen. No
	Red Maple	10	Sapling/Pole	4		Blac	ck Cherry	Medium	Variable	Variable	easily accessible great retreat for bear/deer. Some mortality in
	Quaking Aspen	55	Pole/Sapling	7	46	Whit	te Spruce	Low	Variable	Variable	conifer from SBW . Traces of black cherry on rock top and black
	Balsam Fir	10	Pole	8	46	Ва	lsam Fir	Medium	Variable	Variable	spruce on north facing slope 1"dbh.
	White Spruce	10	Pole	8				'			-
	White Pine	10	Log/Pole	12							
	Red Pine	5	Log/Pole	12							
30	6120 - Lov	vland Ceda	r P	oletimb	er Well	84.4	94	81-110	N/A		This stand is very wet.
	Canopy Species	0/ 0									
		% Cover	Size Class	DBH	I Age		nopy Species	Density	Avg. Height	Size	
	Black Spruce	% Cover	Size Class Pole	7			nopy Species ig Alder	Density High	Avg. Height 5 - 10 feet	Size 5 - 10 feet	
No		13 80		7 9	Age 94	Та					
No	Black Spruce	13	Pole	7		Та	ig Alder	High	5 - 10 feet	5 - 10 feet	
No 31	Black Spruce orthern White Cedar	13 80 7	Pole Pole/Log Pole	7 9	94	Та	ig Alder	High	5 - 10 feet	5 - 10 feet Variable	Pine Ridge TS cut 2000. White pine regen good near seed sources
	Black Spruce orthern White Cedar Tamarack	13 80 7 n, Mixed Pi	Pole Pole/Log Pole	7 9 8 Sapling	94	98.5	ng Alder Isam Fir	High Medium	5 - 10 feet Variable	5 - 10 feet Variable	Pine Ridge TS cut 2000. White pine regen good near seed sources but browsed hard. Bedrock ridges run east/west
	Black Spruce orthern White Cedar Tamarack 4133 - Aspe	13 80 7 n, Mixed Pi	Pole Pole/Log Pole	7 9 8 Sapling DBH	94 g Well	98.5 Sub-Car	g Alder Isam Fir 25 nopy Species Isam Fir	High Medium	5 - 10 feet Variable N/A	5 - 10 feet Variable	
31	Black Spruce orthern White Cedar Tamarack 4133 - Aspe Canopy Species Red Maple Quaking Aspen	13 80 7 n, Mixed Pi	Pole Pole/Log Pole ine Size Class Sapling Sapling	7 9 8 Sapling	94 g Well I Age	98.5 Sub-Car	g Alder Isam Fir 25 nopy Species	High Medium 51-80 Density	5 - 10 feet Variable N/A Avg. Height	5 - 10 feet Variable	
31	Black Spruce orthern White Cedar Tamarack 4133 - Aspe Canopy Species Red Maple	13 80 7 n, Mixed Pi	Pole Pole/Log Pole ine Size Class Sapling	7 9 8 Sapling DBH	94 g Well	98.5 Sub-Cal Bal	g Alder Isam Fir 25 nopy Species Isam Fir	High Medium 51-80 Density Medium	5 - 10 feet Variable N/A Avg. Height Variable	5 - 10 feet Variable Size Variable	
31	Black Spruce orthern White Cedar Tamarack 4133 - Aspe Canopy Species Red Maple Quaking Aspen	13 80 7 n, Mixed Pr 6 Cover 10 70	Pole Pole/Log Pole ine Size Class Sapling Sapling	7 9 8 Sapling DBH 3 4	94 g Well I Age	98.5 Sub-Cal Ba Whit	g Alder Isam Fir 25 nopy Species Isam Fir te Spruce	High Medium 51-80 Density Medium Low	5 - 10 feet Variable N/A Avg. Height Variable < 5 feet	5 - 10 feet Variable Size Variable < 5 feet	
31	Black Spruce orthern White Cedar Tamarack 4133 - Aspe Canopy Species Red Maple Quaking Aspen White Pine	13 80 7 n, Mixed Pi	Pole Pole/Log Pole ine Size Class Sapling Sapling XLog	7 9 8 Sapling DBH 3 4 18	94 94 1 Age 25 115 er Well	98.5 Sub-Cal Ba Whit	25 nopy Species Isam Fir te Spruce Inut (Spp.)	High Medium 51-80 Density Medium Low Medium	5 - 10 feet Variable N/A Avg. Height Variable < 5 feet < 5 feet	Size Variable Size Variable < 5 feet < 5 feet 5 - 10 feet	
31	Black Spruce orthern White Cedar Tamarack 4133 - Aspe Canopy Species Red Maple Quaking Aspen White Pine	13 80 7 n, Mixed Pi	Pole Pole/Log Pole ine Size Class Sapling Sapling XLog	7 9 8 Sapling DBH 3 4 18 Oletimb	94 Swell I Age 25 115 Ser Well I Age	98.5 Sub-Car Ba Whit Wr Haze	25 nopy Species Isam Fir te Spruce Inut (Spp.)	High Medium 51-80 Density Medium Low Medium High Jnspecified	5 - 10 feet Variable N/A Avg. Height Variable < 5 feet < 5 feet 5 - 10 feet	Size Variable Size Variable < 5 feet < 5 feet 5 - 10 feet	but browsed hard. Bedrock ridges run east/west
31	Black Spruce orthern White Cedar Tamarack 4133 - Aspe Canopy Species Red Maple Quaking Aspen White Pine 4130 - Canopy Species Quaking Aspen	13 80 7 n, Mixed Pi % Cover 10 70 20 Aspen 90	Pole Pole/Log Pole ine Size Class Sapling Sapling XLog Pole Size Class Log/Pole	7 9 8 Sapling DBH 3 4 18 Oletimb DBH 10	94 94 1 Age 25 115 er Well	98.5 Sub-Can Ba Whit Whit Haze 42.1 Sub-Can Whit	25 nopy Species Isam Fir te Spruce Inut (Spp.) 50 te Spruce	High Medium 51-80 Density Medium Low Medium High Unspecified Density Low	5 - 10 feet Variable N/A Avg. Height Variable < 5 feet < 5 feet 5 - 10 feet N/A Avg. Height Variable	Size Variable Size Variable < 5 feet < 5 feet 5 - 10 feet Size Variable	but browsed hard. Bedrock ridges run east/west
31	Black Spruce orthern White Cedar Tamarack 4133 - Aspe Canopy Species Red Maple Quaking Aspen White Pine 4130 - Canopy Species	13 80 7 7 7 7 7 7 7 7 7	Pole Pole/Log Pole ine Size Class Sapling Sapling XLog P Size Class Log/Pole Pole	7 9 8 Sapling	94 Swell I Age 25 115 Ser Well I Age	98.5 Sub-Can Ba Whit Whit Haze 42.1 Sub-Can Whit	g Alder 25 nopy Species Isam Fir te Spruce hite Pine Inut (Spp.) 50 L nopy Species	High Medium 51-80 Density Medium Low Medium High Unspecified Density	5 - 10 feet Variable N/A Avg. Height Variable < 5 feet < 5 feet 5 - 10 feet N/A Avg. Height	Size Variable Size Variable < 5 feet < 5 feet 5 - 10 feet	but browsed hard. Bedrock ridges run east/west
31	Black Spruce orthern White Cedar Tamarack 4133 - Aspe Canopy Species Red Maple Quaking Aspen White Pine 4130 - Canopy Species Quaking Aspen	13 80 7 n, Mixed Pi % Cover 10 70 20 Aspen 90	Pole Pole/Log Pole ine Size Class Sapling Sapling XLog Pole Size Class Log/Pole	7 9 8 Sapling DBH 3 4 18 Oletimb DBH 10	94 Swell I Age 25 115 Ser Well I Age	98.5 Sub-Cal Ba Whit Wh Haze 42.1 Sub-Cal Whit Haze	25 nopy Species Isam Fir te Spruce Inut (Spp.) 50 te Spruce	High Medium 51-80 Density Medium Low Medium High Unspecified Density Low	5 - 10 feet Variable N/A Avg. Height Variable < 5 feet < 5 feet 5 - 10 feet N/A Avg. Height Variable	Size Variable Size Variable < 5 feet < 5 feet 5 - 10 feet Size Variable	but browsed hard. Bedrock ridges run east/west



Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age I	BA Range	Managed S	ite	General Comments
33	4130	- Aspen	Р	oletimb	er Well	33.2	29	Immature	N/A	Λ.	Upper Skunk Ck Club TS cut 1996. Very wet access along trail from
	Canopy Species	% Cover	Size Class	DBH	Age						east Moving into pole class, dbh range 3-6". Some white pine left in far southwest
	Quaking Aspen	85	Pole/Sapling	5	29						iai soutiiwest
	Balsam Fir	10	Sapling/Pole	4							
	White Spruce	5	Sapling	3							
34	4110 - Sugar M	laple Assoc	ciation S	awtimb	er Well	5.6	96	81-110	N/A	\	Too small to manage until aspen is cut. White pine seedlings are
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	browsed hard
	Sugar Maple	85	Log/Pole	12	96	Whi	te Spruce	Medium	5 - 10 feet	5 - 10 feet	
	Quaking Aspen	5	Log	14		W	hite Pine	Medium	< 5 feet	< 5 feet	
	White Pine	10	Log/XLog	16		Ва	ılsam Fir	Medium	5 - 10 feet	5 - 10 feet	
35	4136 - Aspen	, Mixed Co	nifer P	oletimb	er Well	62.8	50 l	Jnspecified	N/A	1	some rocky knobs have smaller dbh aspen and trace cherry. Far
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	south tip has ~3acres of RP/WP on rock knob. Several ridges run parallel E/W.Fair amount of blowdown on west and north where
	Quaking Aspen	75	Pole/Log	9	50	Ва	ılsam Fir	Medium	Variable	Variable	conifer was thickest (SBW mortality in conjunction with blowdown)
	Balsam Fir	5	Pole	8		Haze	elnut (Spp.)	High	5 - 10 feet	5 - 10 feet	
	White Spruce	10	Pole	8		Whi	ite Spruce	Low	Variable	Variable	
	White Pine	5	Log/XLog	16							-
	Red Pine	5	Log	14							
36	4130	- Aspen		Sapling	Well	111.0	25	Immature	N/A	1	Upper Skunk Ck Rd TS cut 2000
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Quaking Aspen	88	Sapling	4	25	Whi	te Spruce	Medium	Variable	Variable	
	Balsam Fir	5	Pole/Sapling	6		W	hite Pine	Medium	< 5 feet	< 5 feet	
	White Spruce	5	Pole/Sapling	7		Haze	elnut (Spp.)	High	5 - 10 feet	5 - 10 feet	
	White Pine	2	Log/XLog	16		Ва	ılsam Fir	Low	Variable	Variable	
38	6120 - Lov	vland Ceda	r P	oletimb	er Well	208.7	100 l	Jnspecified	N/A	\	Wide range of cedar diameters.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Balsam Poplar	5	Log/Pole	12		Ва	ılsam Fir	Medium	Variable	Variable	
	Black Spruce	10	Pole	7		Та	ag Alder	Medium	5 - 10 feet	5 - 10 feet	
Nor	rthern White Cedar	75	Log/Pole	10	100						-
	Tamarack	10	Pole	7							
	6223 - Inundate			Nor		14.1			No		OPIC - FMD: OI Stand Year Origin was

Crystal Falls Mgt. Unit



Stand	Level 4 Co	over Type	(Size De	nsity	Acres	Stand Age	BA Range	Managed Si	te	General Comments
40	429 - Mixed U	Ipland Coni	fers P	oletimb	er Well	90.5	33	Immature	N/A		Skunk Ck Rd TS cut 1992. The conifer makes up most of the east and
	Canopy Species	% Cover	Size Class	DBH	Age						north half. White pine is very bushy. Trace bits of cedar
(Quaking Aspen	40	Pole/Sapling	6	33						
	Balsam Fir	15	Pole/Sapling	6							
	White Spruce	30	Pole/Sapling	7							
	Tamarack	5	Sapling	4							
	White Pine	10	Pole	8							
41	4130	- Aspen	S	apling N	/ledium	7.3	5	Immature	N/A		Stand is on a rock knob facing south. Skunk Creek Scraps TS cut
	Canopy Species	% Cover	Size Class	DBH	Age						2020. Trees 5-10 feet tall
	Red Maple	10	Sapling	1							
(Quaking Aspen	85	Sapling	1	5						
	Balsam Poplar	5	Sapling	1							
42	42350 - Upl			Sawtimb	er Well	16.7	115	111-140	N/A		White pine heavy on east end but scattered throughout. Thick hemlock over west half. Very rocky. Half of stand unharvestable as it's
	Canopy Species	% Cover	Size Class		Age						on a cliff face. Lots of deer use.
	Red Maple	5	Pole	9							
	Yellow Birch	5	Log/Pole	11							
Nor	thern White Cedar	5	Pole	9							
	White Pine	25	Log/XLog	16							
	Hemlock	60	Log/Pole	11	115						
43	4119 - Mixed No	rthern Hard	lwoods P	oletimb	er Well	176.8	101	111-140	N/A		BAs do not, for the most part, indicate urgent need to thin, however
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	there does seem to be some use for sanitation (cracks, splits). Ironwood saps heavier n north. Everything just above snow is browsed
	Sugar Maple	45	Log/Pole	12	101	Iro	nwood	Medium	Variable	Variable	very hard. YB and Black ash are more in the wetter depressions, red
	Red Maple	15	Pole	9							maple more on north end. Bed and bank on east end.
	Yellow Birch	5	Log/Pole	11							
	Basswood	25	Log/Pole	12							
	Hemlock	10	Pole/Log	9							
44	6120 - Lov	vland Ceda	r P	oletimb	er Well	37.5	104		N/A		Hungry Deer TS cut 1996; aspen, balm of gilead, birch, maple,
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	spruce, & fir were cut if over 4 sticks. Good overstory cover of cedar. Hemlock on north side of this stand
	Yellow Birch	7	Log/Pole	10		Quak	ing Aspen	Low	10 - 20 feet	10 - 20 feet	
Nor	thern White Cedar	70	Log/Pole	12	104			'			-
	Hemlock	20	Log	14							
	Black Ash	3	Pole	8							



Stand	Level 4 Co	over Type	;	Size De	nsity	Acres	Stand Age	BA Range	Managed Si	ite	General Comments
45	4113 - R.M	laple, Conif	er P	oletimb	er Well	10.9	48	1-50	N/A		Most of stems are multi-stemmed. Conifer pocket in south central with a trace of cedar is wetter.
	Canopy Species	% Cover	Size Class	DBH	Age						a trace of cedar is wetter.
	Sugar Maple	20	Sapling/Pole	4	48						
	Red Maple	55	Pole/Sapling	7	48						
	Quaking Aspen	5	Pole	6							
	Balsam Fir	15	Pole/Sapling	6							
No	rthern White Cedar	5	Pole/Log	9							
46	4119 - Mixed No	orthern Hard	dwoods S	awtimb	er Well	61.6	102	111-140	N/A		Allinger TS cut 2008. Much of the hemlock is half dead or snags. Only
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Speci	es Density	Avg. Height	Size	fair quality hardwood stand. A few white pine.
	Sugar Maple	54	Log/Pole	12	102	Ва	Isam Fir	Low	Variable	Variable	
	Red Maple	20	Log/Pole	10		Ire	onwood	Low	5 - 10 feet	5 - 10 feet	
	Yellow Birch	5	Log/Pole	11		Whi	te Spruce	Low	Variable	Variable	
	Basswood	15	Log/Pole	12				·			_
No	rthern White Cedar	1	Log/Pole	10							
	Hemlock	5	Log/Pole	10							
47		- Aspen	Р	oletimb		28.0	34	Immature	N/A		Skunk Ck Trail TS cut 1991. Far west finger is scattered cherry, balsam, spruce, hazel. Most of the conifer is directly on north of stand
	Canopy Species	% Cover			Age		nopy Speci	es Density	Avg. Height	Size	along Skunk Creek.
	Quaking Aspen	90	Pole/Sapling	6	34	Whi	te Spruce	Low	Variable	Variable	
	Balsam Fir	5	Pole	6		Ва	Isam Fir	Low	Variable	Variable	
	White Spruce	5	Pole/Sapling	6							
48	6223 - Inundate	ed Shrub S	wamp	Noi	ne	15.0			No		
49	4133 - Aspe	en, Mixed P	ine P	oletimb	er Well	24.7	32	Immature	N/A		Stand Year Origin was 1993. White pine regen heavy in west. RP/WP
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Speci	es Density	Avg. Height	Size	super canopy dominant on west line.
	Quaking Aspen	75	Pole	6	32	WI	nite Pine	Medium	5 - 10 feet	5 - 10 feet	
	White Pine	15	Log/Pole/XLog	g 11		Haze	Inut (Spp.)	Full	5 - 10 feet	5 - 10 feet	
	Red Pine	10	Log/Pole/Sap	10							_
50	42200 - Natu	ıral White F	Pine S	awtimb	er Well	12.5	90	81-110	N/A		Harvested 2012 with "Spring Hill Select" sale #12-080-10-01.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Speci	es Density	Avg. Height	Size	
	White Pine	60	Log	16	90	Ва	lsam Fir	Medium	5 - 10 feet	5 - 10 feet	
	Red Pine	40	Log	14		WI	nite Pine	Medium	Variable	Variable	
						Haze	Inut (Spp.)	High	5 - 10 feet	5 - 10 feet	
	110 - Low Ir										