

Compartment Review Presentation

Crystal Falls Forest Management Unit

Compartment 12153 Entry Year: 2027 Acreage: 743 County: Iron

Management Area: Brule River

Stand Examiner: Eric Brolin

Legal Description:

T43N-R31W section 31. T43N-R32W section 36.

Identified Planning Goals:

Develop age class distribution in aspen type. Maintain health in conifer types and increase acres where possible. Maintain and improve road system.

Soil and topography:

Karlin sands on flat to rolling hills with some lowland swamps and drainages.

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

State lands mixed with a few small private parcels. Two year round homes on US- 2 Lake Mary Road intersection. Lands used mainly for hunting and fishing and managed for timber products.

Unique Natural Features:

Glidden Lake is on the south side of the compartment and the Michigamme River is just east of the compartment.

Archeological, Historical, and Cultural Features:

None.

Special Management Designations or Considerations:

None.

Watershed and Fisheries Considerations:

Glidden Lake is on the south side of the compartment. The fish community consists of bluegill, largemouth bass, yellow perch, and walleye. 100 foot buffer around any waterbody. There is also an unnamed tributary running through the compartment. 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 falls within the Panola Plains Management area. Featured species selected for this management area include American woodcock, black bear, eastern bluebird, Kirtland's warbler, ruffed grouse and white-tailed deer. This compartment is part of the Old Mansfield Deeryard. Lowland cedar and spruce stands provide a travel corridor from the northwest corner of the compartment through to its east central side. This travel corridor is heavily used by black bear and also used as winter cover by deer. Soft mast such as blueberries and cherry, as well as, hard mast producing oak trees, are essential habitat components for bear, deer and grouse. Aspen stands with adequate conifer cover and maximum age class diversity provide excellent habitat for deer, grouse, woodcock and bear.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of thin to discontinuous glacial outwash sand and gravel and post-glacial alluvium. The glacial drift thickness varies between 10 and 50 feet. The Precambrian Hemlock Formation subcrops below the glacial drift. There is not a current economic use for the Hemlock. The Amasa iron formation is known to occur just to the west and the Hemlock volcanics iron formation has been mapped just to the east of the compartment. Abandoned iron mines are located one mile to the northwest. Part of this compartment was previously leased for metallic exploration. The nearest gravel pit is located several miles away and potential appears to be limited. There is no economic oil and gas production in the UP.

Vehicle Access:

M-69, Lake Mary Road and associated woods roads.

Survey Needs:

None.

Recreational Facilities and Opportunities:

Lake Mary Ski Trail is in the SE portion of the compartment. Glidden Lake Campground is located just south of the compartment.

Fire Protection:

Additional Compartment Information:

None.

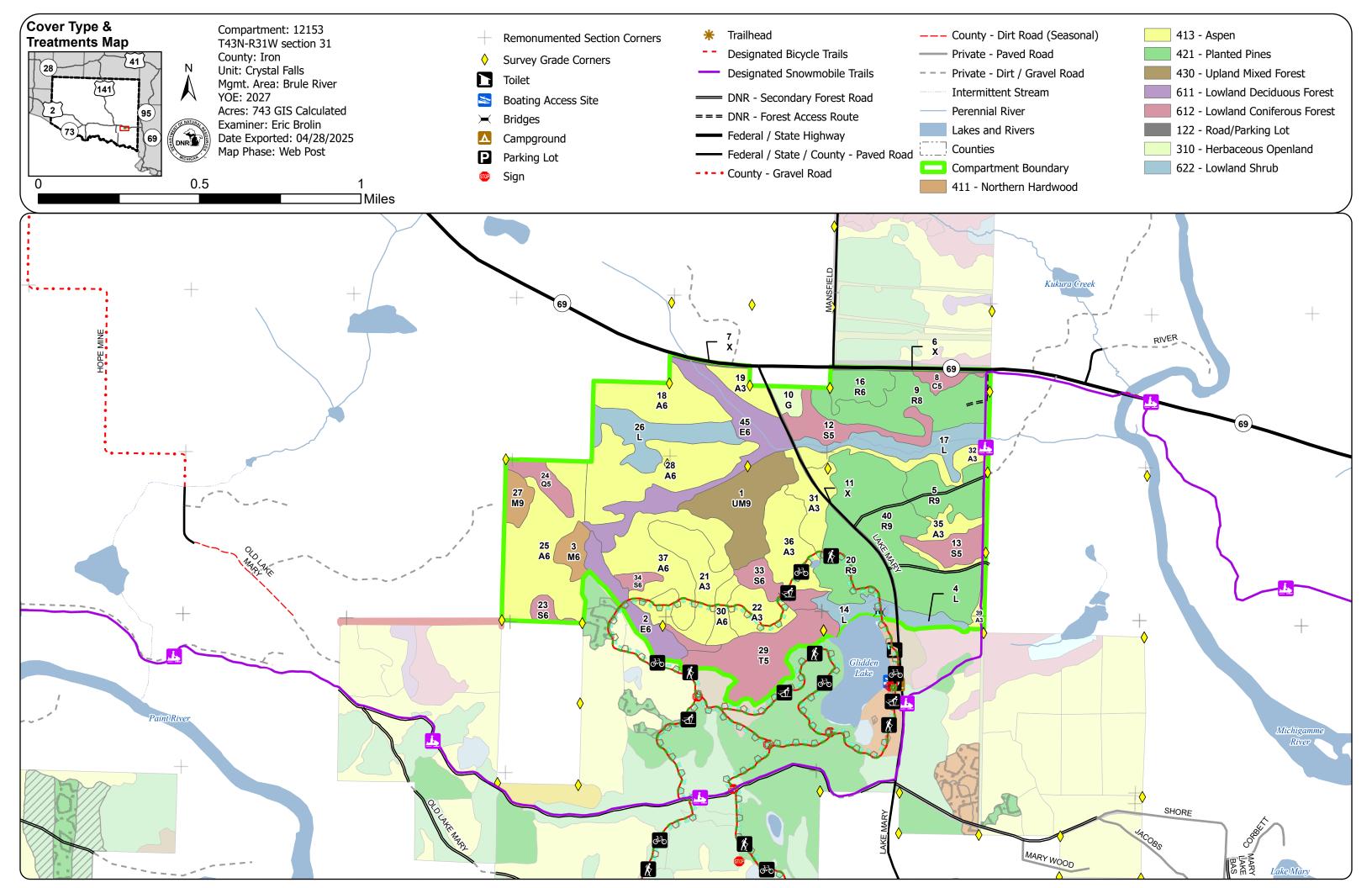
The following reports from the Inventory are attached:

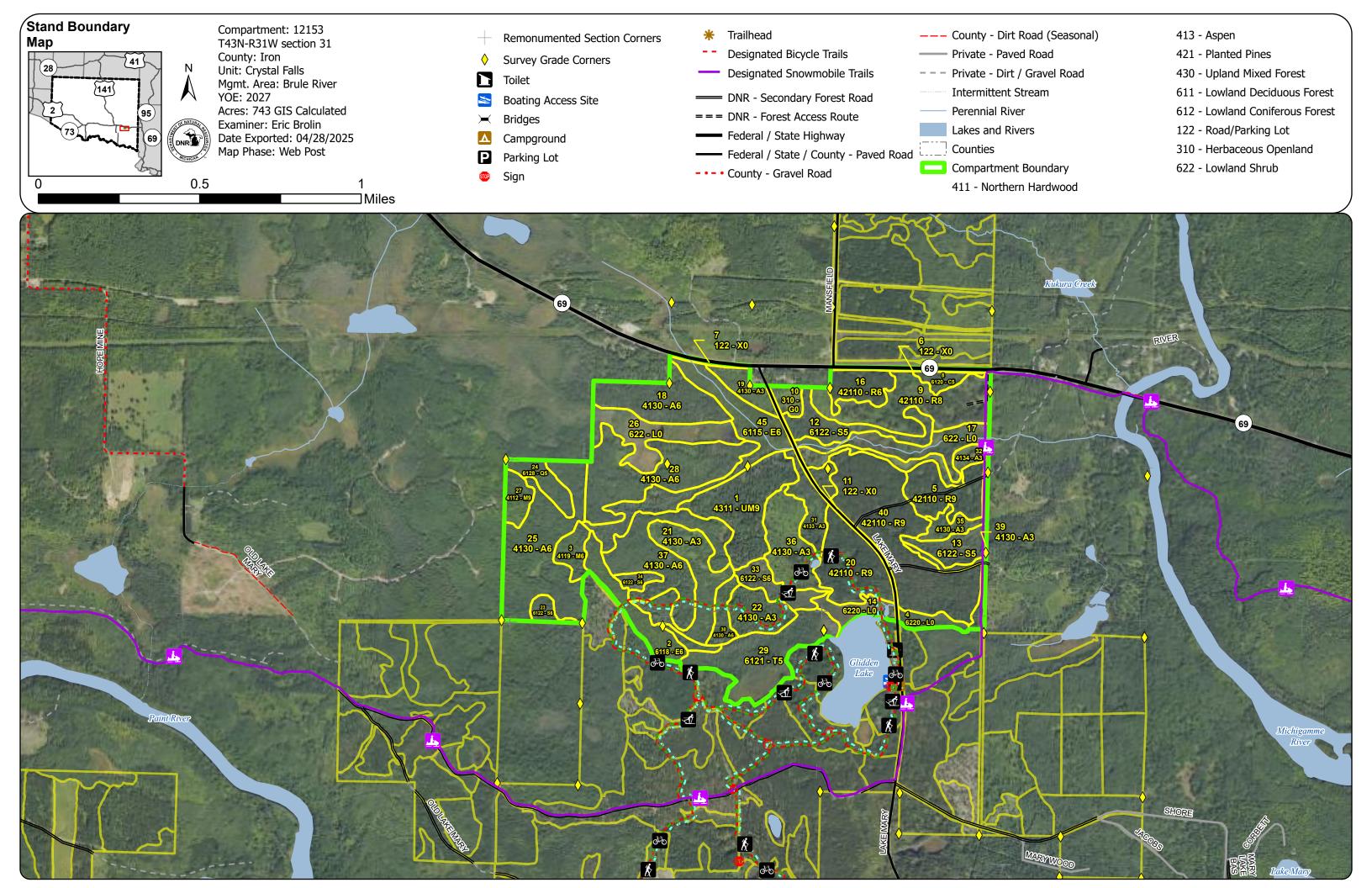
Total Acres by Cover Type and Age Class Cover Type by Harvest Method Proposed Treatments - No Limiting Factors Proposed Treatments – With Limiting Factors Stand Details (Forested and Nonforested) Dedicated and Proposed Special Conservation Areas

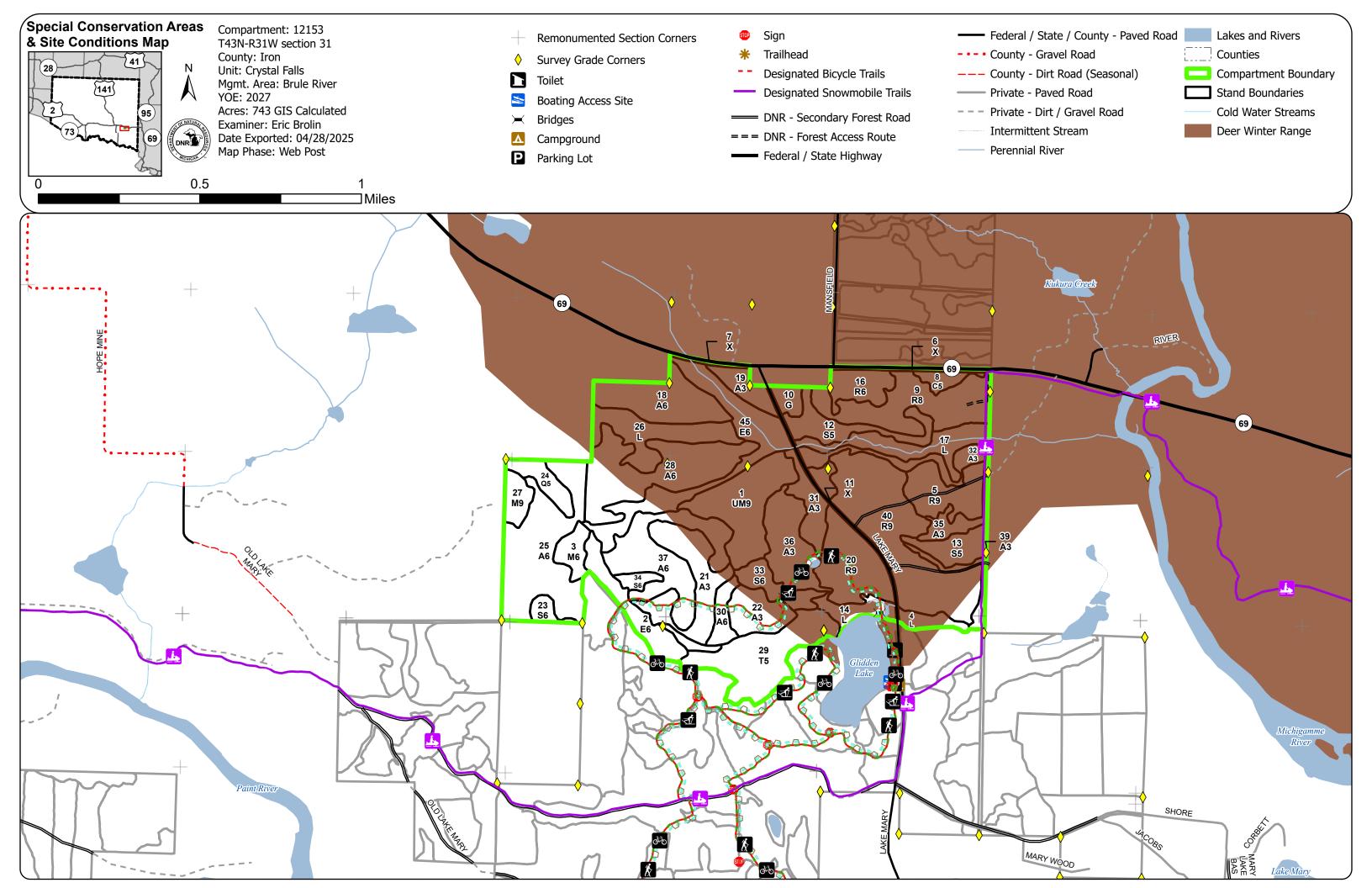
Site Condition Details

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







Eric Brolin: Examiner

Compartment 153 Year of Entry 2027



Age Class

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Aspen	0	46	52	21	99	0	76	0	0	0	0	0	0	0	0	0	0	0	294
Cedar	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5
Herbaceous Openland	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Lowland Conifers	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	9
Lowland Deciduous	0	0	0	0	0	0	0	0	0	55	0	0	0	0	0	0	0	0	55
Lowland Shrub	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	49	0	0	0	0	0	0	0	0	49
Northern Hardwood	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	15
Red Pine	0	0	0	0	0	0	0	167	0	0	0	0	0	0	0	0	0	0	167
Tamarack	0	0	0	0	0	0	0	0	0	38	0	0	0	0	0	0	0	0	38
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	0	36	0	0	0	0	0	0	0	36
Urban	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Total	75	46	52	21	99	0	76	167	0	166	36	5	0	0	0	0	0	0	743



Report 2 – Treatment Summary

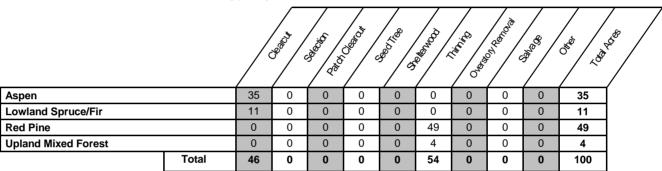
Crystal Falls Mgt. Unit Year of Entry: 2027

Acres of Harvest

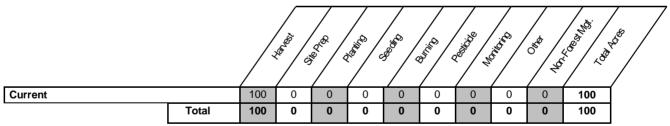
Compartment 153
Total Compartment Acres: 743

Commercial Harvest - 98
Harvests with Site Condition - 0
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method



Proposed and Next Step Treatments by Method



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

Proposed Treatments:

4012153040-
CrownThinnin8.5 42110 - Planted Red96981-110HarvestThinning4211 - PlantedPlantingNoRed PineRecord

g

<u>Prescription</u> Mark stand to average 120 BA. Focus on improving quality and removing suppressed trees. Remove all merchantable aspen and hardwood. <u>Specs:</u> Leave all oak and white pine while marking unless needed for operability.

Next Step Treatments:

Acceptable Regen:

Other \Comment: r

Very high BA within treatment. Old Goshawk nest site buffered from past harvest. The original tree identified no longer contained a nest. No nesting sites were observed within this buffer or surrounding red pine area. Winter harvest for deer winter range.

Site Condition:

Proposed Start Date: 10/01/2026

33 12153033-CC 10.7 6122 - Black Spruce 6 85 81-110 Harvest Clearcut 6122 - Black Planting No Spruce Record

<u>Prescription</u> Harvest to a 2" spec to promote lowland conifer regeneration. Retention should include a diverse mix of species and mature trees. Leave cedar Specs: and pine.

Next Step Treatments:

Acceptable Any combination of the current overstory species.

Regen:

Other SE stand line is an estimate, scout and determine during sale prep where ground transitions to be too wet / tamarack ground. Winter harvest for deer winter range. Contact Joe Freiberg (PRD) to close the trail to the public during active timber sale operations.

Site Condition:

Proposed Start Date: 10/01/2026

28 12153028-CC 35.2 4130 - Aspen 6 52 111- Harvest Clearcut 413 - Aspen Planting No 140 Record

<u>Prescription</u> Harvest all merchantable trees to promote aspen regeneration. Retention should include large diameter, forked crown aspen, and a diverse mix <u>Specs:</u> of species. Leave all conifer and oak. Only cut spruce/fir unless needed for operability.

Next Step Treatments:

Acceptable Any combination of the current overstory species.

Regen:

Other Access from SW or SE corner will require scouting and extensive roadwork. 100' buffer around vernal areas and north edge open lowland border, treatment is updated to show approximate locations. Winter harvest for deer winter range.

Site Condition:

Proposed Start Date: 10/01/2026

Leave all oak and white pine while marking unless needed for operability.

Report 3 -- Treatments

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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
20	12153020- CrownThinnin g		2110 - Planted Red Pine	9	69	141- 170	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	No
Pres	scription Mark st	and to ave	rage 120 BA. Focus	on improv	ing qual	ity and re	moving suppress	sed trees. Remove	e all merchantable a	aspen and hard	dwood.

Next Step Treatments:

Specs:

Treatments:
Acceptable

Regen: Other

Winter harvest for deer winter range. Contact Joe Freiberg (PRD) to close the trail to the public during active timber sale operations.

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

 16
 12153016 12.4 42110 - Planted Red
 6
 69
 171 Harvest
 Thinning
 4211 - Planted
 Planting
 No

 CrownThinnin
 Pine
 200
 Red Pine
 Record

<u>Prescription</u> Mark stand to average 120 BA. Focus on improving quality and removing suppressed trees. Remove all merchantable aspen and hardwood. <u>Specs:</u> Leave all oak and white pine while marking unless needed for operability.

Next Step Treatments:

Acceptable Regen:

Other Winter harvest for deer winter range.

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

1 12153001- 4.4 4311 - Pine, Aspen 9 95 81-110 Harvest Thinning 4311 - Pine, Cutting No CrownThinnin Mix Aspen Mix Record

<u>Prescription</u> Specs:

Mark stand to average 60 - 80 BA of mixed pine. Focus on creating more diversity, removing suppressed trees, and leaving larger, vigorous pine that will improve future health, diversity, and wildlife benefits within these currently dense patches. Remove all merchantable trees, leaving pine unless marked to harvest, and leave all oak if present.

Next Step Treatments:

Acceptable Any combination of the current overstory species.

Regen:

Other Winter harvest for deer winter range.

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

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Report 4 – Site Conditions

Crystal Falls Mgt. Unit

Compartment: 153
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Eric Brolin: Examiner

Availa	ability for	Managemer	nt					
Total	Acres	Acres Avail	Acres		Domina	nt Site	e Con	ditions
Acres	Available	With Condition	Not Available		5C	2G	3Н	3J
259	218	23	17	Aspen	23			17
5	0	0	5	Cedar			5	
5	5	0	0	Herbaceous Openland				
9	9	0	0	Lowland Conifers				
55	17	0	38	Lowland Deciduous		38		
60	60	0	0	Lowland Shrub				
49	15	6	28	Lowland Spruce/Fir	6	12		17
15	15	0	0	Northern Hardwood				
168	168	0	0	Red Pine				
38	0	0	38	Tamarack		38		
36	36	0	0	Upland Mixed Forest				
10	10	0	0	Urban				
707	552	30	126	Total Forested Acres	30	87	5	34
	78%	4%	18%	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)	17	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
	Comments:	nd/or too wet, flooded tamara	ack flats				
			2011 11010	•			
		· · · · · · · · · · · · · · · · · · ·	4.0				
2	Unavailable	3J: Water quality/BMPs	12	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
2	Unavailable	· · · · · · · · · · · · · · · · · · ·		<u> </u>	·	<u> </u>	Unspecified

Report 4 – Site Conditions

Crystal Falls Mgt. Unit Eric Brolin: Examiner



3	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	23	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Extend rotation due	e to proposed harvest adjacent	the so	uth. Create more age class d	iversity in the area.		
4	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	5	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
	Comments: 100' buffer along o	pen lowland area. Long term re	etention	ı for Stand 18.			
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	38	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified	Unspecified
	Comments: Flooded alder drain too wet.	nage with dead black ash poles	and b	lack ash saplings in the north	n. The south may have n	nanageable edges with adj	acent stands, otherwise
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	12	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified	Unspecified
	Comments: Ground is too wet a	and flooded with alder and stun	ted tre	es.			
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	38	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified	Unspecified
	Comments:			er. Tamarack dominates and			

Report 4 – Site Conditions

Crystal Falls Mgt. Unit Eric Brolin: Examiner Compartment: 153
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8	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Most area contains patches.	mature black spruce and is ma	nageabl	e. Access is limited until a	adjacent stands are mana	ged in the future given the	small size of these
9	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	5	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Cedar within deer v	winter range.					

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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				

Report 7 – Stands

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Stand	Level 4 Co	over Type	Size Density		nsity	Acres Stand Age B	A Range	Managed S	ite	General Comments			
1	4311 - Pin	e, Aspen M	ix	Sapling	y Well	35.6 95	81-110	N/A		Some small patches are dense to larger red pine log trees. Any			
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Species	Density	Avg. Height	Size	openings in the conifer canopy contain aspen. The aspen ranges from suppressed saplings to small pole size trees in the more open canopy.			
	White Pine	3		15		Balsam Fir	Low	Variable	Variable	suppressed suprings to small pole size trees in the more open surropy.			
1	Northern Pin Oak	2		9		Northern Pin Oak	Low	Variable	Variable				
	Red Pine	47		16	95	Red Pine	Low	Variable	Variable				
	Quaking Aspen			Red Maple	High	Variable	Variable						
	Red Maple	5	Seedling	7		Quaking Aspen	Medium	>20 feet	>20 feet				
	Paper Birch	3	Sapling	6									
2	6118 - Lowland D	eciduous w	ith Cedar	Poletimb	er Well	17.1 85	81-110	N/A		Flooded black ash swale. Dense sapling understory with scattered ced			
	Canopy Species	% Cover	Size Class	DBF	l Age	Sub-Canopy Species	Density	Avg. Height	Size				
	Balsam Poplar	2		14		Balsam Fir	Medium	Variable	Variable				
	Tamarack	2	Seedling	8		Red Maple	Medium	Variable	Variable				
	Black Spruce	5	Seedling	8	85	Tag Alder	Low	5 - 10 feet	5 - 10 feet				
No	orthern White Cedar	30		7	85	Black Spruce	Low	Variable	Variable				
	Paper Birch	1	Seedling	8		Black Ash	Medium	Variable	Variable				
	Black Ash	60	Sapling	7	85					1			
3	4119 - Mixed No	orthern Hard	dwoods	Sapling	y Well	7.7 86	81-110	N/A	\	Good quality red maple just below or at log sized trees. Aspen poles			
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Species	Density	Avg. Height	Size	filling in holes and scattered conifer within.			
	White Pine	7		12		Red Pine	Trace	Variable	Variable				
	Quaking Aspen	15	Sapling	6	30	Balsam Fir	Medium	Variable	Variable				
	Red Maple	70		9	86	White Pine	Medium	Variable	Variable				
	Balsam Fir	2	Sapling	5	30	Quaking Aspen	Low	>20 feet	>20 feet				
1	Northern Pin Oak	1		8		White Spruce	Low	Variable	Variable				
	Red Oak	2		16		·				1			
	White Spruce	3	Sapling	7									
4	6220 - A	lder/Willow		Unspe	cifed	5.5		No		Flooded lowland area. Dense alder with some dead flooded tamarack saplings in the west half.			
5	42110 - Pla	nted Red P	ine	Sawtimb	er Well	20.8 69	81-110	N/A	1	Thinned in 2019, thinned red pine and removed all merchantable trees			
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Species	Density	Avg. Height	Size	Red pine stand, small sawlog to pole sized trees. Aspen and hardwood cut out last entry created a dense understory of aspen saplings with			
	White Pine	1		15		Black Cherry	Low	Variable	Variable	some mixed hardwood. Lighter pine canopy in areas will allow a lot of			
1	Northern Pin Oak	1	Seedling	8		Northern Pin Oak	Low	Variable	Variable	saplings to succeed.			
	Red Pine	98		11	69	Balsam Fir	Trace	Variable	Variable				
					· · · · ·	Black Spruce	Trace	Variable	Variable				
						Red Maple	Medium	Variable	Variable				
						Quaking Aspen	High	Variable	Variable				
6	122 - Road	d/Parking Lo	ot	Unspe	cifed	3.1		No		M69			

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	nd Level 4 Cover Type S		Level 4 Cover Type Size Dens			Acres	Stand Age E	BA Range	Managed Si	te	General Comments		
7	122 - Road	I/Parking Lo	ot	Saplino	g Well	1.7			No		Highway		
8	6120 - Lov	vland Ceda	ır	Poletimb	er Well	4.7	105	51-80	N/A				
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size			
	Tamarack	15		8	105	Tag	g Alder	Medium	5 - 10 feet	5 - 10 feet	*		
	Black Spruce	15	Seedling	8	105	Black	k Spruce	Low	5 - 10 feet	5 - 10 feet			
Ν	orthern White Cedar	70		8	105								
9	42110 - Plar	nted Red Pi	ine	Sawtimb	er Well	39.3	69	81-110	N/A		Patchy areas of red pine grown dense enough to be managed in the		
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	future. A lot of area has regenerated to dense aspen saplings with ope canopy. Future management of scattered pine patches may be tricky i		
	Red Pine	100		12	69	Bal	sam Fir	Low	Variable	Variable	the future to avoid damage to regen.		
						Re	ed Pine	Low	Variable	Variable	, , ,		
						Quaki	ing Aspen	High	Variable	Variable			
10	310 - Herbaco	eous Openl	land	Unspe	ecifed	4.8			No		Opening growing in with cherry interior and more conifer along the edges. In the future, possibly maintain as an opening or harvest and plant to pine once current trees become more merchantable.		
11	122 - Road	I/Parking Lo	ot	Saplino	g Well	4.9			No		Lake Mary Road		
12	6122 - Bla	ack Spruce	P	Poletimbe	r Mediun	n 16.8	80		N/A		Very sparse, mature black spruce. Ground is quite saturated with a		
12	6122 - Bla	ack Spruce			r Mediun		80 nopy Species	Density	N/A Avg. Height	Size	Very sparse, mature black spruce. Ground is quite saturated with a dense alder/conifer sapling understory.		
12		· .				Sub-Car		Density Low		Size 5 - 10 feet			
12	Canopy Species	% Cover	Size Class	DBH		Sub-Car Black	nopy Species		Avg. Height				
12	Canopy Species Balsam Fir	% Cover	Size Class Seedling	DB H	l Age	Sub-Car Black Bal	nopy Species k Spruce	Low	Avg. Height 5 - 10 feet	5 - 10 feet			
	Canopy Species Balsam Fir Tamarack	% Cover 10 10	Size Class Seedling Seedling	8 8	Age 80	Sub-Car Black Bal	nopy Species k Spruce sam Fir	Low	Avg. Height 5 - 10 feet 5 - 10 feet	5 - 10 feet 5 - 10 feet			
	Canopy Species Balsam Fir Tamarack Black Spruce orthern White Cedar	% Cover 10 10 70	Size Class Seedling Seedling Seedling	8 8 8	80 80 80	Sub-Car Black Bal	nopy Species k Spruce sam Fir	Low	Avg. Height 5 - 10 feet 5 - 10 feet	5 - 10 feet 5 - 10 feet	dense alder/conifer sapling understory. Very low, flooded ground with seasonal flowing water from adjacent		
N	Canopy Species Balsam Fir Tamarack Black Spruce orthern White Cedar	% Cover 10 10 70 10	Size Class Seedling Seedling Seedling	8 8 8 10	80 80 80	Sub-Car Black Bal:	nopy Species k Spruce sam Fir Alder	Low Low Medium	Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet	5 - 10 feet 5 - 10 feet	dense alder/conifer sapling understory.		
N	Canopy Species Balsam Fir Tamarack Black Spruce orthern White Cedar	% Cover 10 10 70 10 ack Spruce	Size Class Seedling Seedling Seedling	8 8 8 10	80 80 80 80 eer Poor	Sub-Car Black Ball 11.6 Sub-Car	nopy Species k Spruce sam Fir Alder	Low Low Medium	Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A	5 - 10 feet 5 - 10 feet 5 - 10 feet	dense alder/conifer sapling understory. Very low, flooded ground with seasonal flowing water from adjacent		
N	Canopy Species Balsam Fir Tamarack Black Spruce orthern White Cedar 6122 - Bla Canopy Species	% Cover	Size Class Seedling Seedling Seedling	8 8 8 10 Poletimb	80 80 80 80 eer Poor	Sub-Car Black Ball 11.6 Sub-Car	nopy Species k Spruce sam Fir Alder 85 nopy Species	Low Low Medium 1-50 Density	Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height	5 - 10 feet 5 - 10 feet 5 - 10 feet Size	dense alder/conifer sapling understory. Very low, flooded ground with seasonal flowing water from adjacent		
N	Canopy Species Balsam Fir Tamarack Black Spruce orthern White Cedar 6122 - Bla Canopy Species Tamarack	% Cover	Size Class Seedling Seedling Seedling Size Class Seedling	8 8 8 10 Poletimb BH 8	80 80 80 80 eer Poor	Sub-Car Black Ball 11.6 Sub-Car	nopy Species k Spruce sam Fir Alder 85 nopy Species g Alder	Low Low Medium 1-50 Density Medium	Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height 5 - 10 feet	5 - 10 feet 5 - 10 feet 5 - 10 feet Size 5 - 10 feet	dense alder/conifer sapling understory. Very low, flooded ground with seasonal flowing water from adjacent		
N	Canopy Species Balsam Fir Tamarack Black Spruce orthern White Cedar 6122 - Bla Canopy Species Tamarack Black Ash Black Spruce	% Cover 10 10 70 10 ack Spruce % Cover 30 15	Size Class Seedling Seedling Seedling Seedling Size Class Seedling Sapling	8 8 8 10	80 80 80 er Poor 1 Age 85	Sub-Car Black Ball 11.6 Sub-Car	nopy Species k Spruce sam Fir Alder 85 nopy Species g Alder k Spruce	Low Low Medium 1-50 Density Medium	Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height 5 - 10 feet	5 - 10 feet 5 - 10 feet 5 - 10 feet Size 5 - 10 feet	dense alder/conifer sapling understory. Very low, flooded ground with seasonal flowing water from adjacent		
N 13	Canopy Species Balsam Fir Tamarack Black Spruce orthern White Cedar 6122 - Bla Canopy Species Tamarack Black Ash Black Spruce	% Cover	Size Class Seedling Seedling Seedling Size Class Seedling Sapling Sapling Seedling	8 8 8 10	80 80 80 er Poor 1 Age 85 85	Sub-Car Black Ball 11.6 Sub-Car Tag Black	nopy Species k Spruce sam Fir Alder 85 nopy Species g Alder k Spruce	Low Low Medium 1-50 Density Medium Low	Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height 5 - 10 feet Variable	5 - 10 feet 5 - 10 feet 5 - 10 feet Size 5 - 10 feet	Very low, flooded ground with seasonal flowing water from adjacent runoff. Open patches with black ash and alder within. Flooded lowland area. Dense alder with some dead flooded tamarack saplings in the west half. Dense red pine log stand with open understory. 150 200 210 Average		
N 13	Canopy Species Balsam Fir Tamarack Black Spruce orthern White Cedar 6122 - Bla Canopy Species Tamarack Black Ash Black Spruce 6220 - Al	% Cover 10 10 70 10 ack Spruce % Cover 30 15 55 der/Willow	Size Class Seedling Seedling Seedling Size Class Seedling Sapling Sapling Seedling	Poletimb Barrier Ba	80 80 80 er Poor 1 Age 85 85	Sub-Car Black Ball 11.6 Sub-Car Tag Black 9.0	nopy Species k Spruce sam Fir Alder 85 nopy Species g Alder k Spruce	Low Low Medium 1-50 Density Medium Low Immature	Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height 5 - 10 feet Variable	5 - 10 feet 5 - 10 feet 5 - 10 feet Size 5 - 10 feet	Very low, flooded ground with seasonal flowing water from adjacent runoff. Open patches with black ash and alder within. Flooded lowland area. Dense alder with some dead flooded tamarack saplings in the west half.		
N 13	Canopy Species Balsam Fir Tamarack Black Spruce orthern White Cedar 6122 - Bla Canopy Species Tamarack Black Ash Black Spruce 6220 - Al	% Cover 10 10 70 10 ack Spruce % Cover 30 15 55 der/Willow	Size Class Seedling Seedling Seedling Size Class Seedling Sapling Sapling Seedling	Poletimb Barrier Ba	80 80 80 eer Poor 1 Age 85 ecifed	Sub-Car Black Ball 11.6 Sub-Car Tag Black 9.0 12.4 Sub-Car	nopy Species k Spruce sam Fir Alder 85 nopy Species g Alder k Spruce	Low Low Medium 1-50 Density Medium Low Immature	Avg. Height 5 - 10 feet 5 - 10 feet 7 - 10 feet N/A Avg. Height 5 - 10 feet Variable No	5 - 10 feet 5 - 10 feet 5 - 10 feet Size 5 - 10 feet Variable	Very low, flooded ground with seasonal flowing water from adjacent runoff. Open patches with black ash and alder within. Flooded lowland area. Dense alder with some dead flooded tamarack saplings in the west half. Dense red pine log stand with open understory. 150 200 210 Average		
N 13	Canopy Species Balsam Fir Tamarack Black Spruce orthern White Cedar 6122 - Bla Canopy Species Tamarack Black Ash Black Spruce 6220 - Al 42110 - Plar Canopy Species	10	Size Class Seedling Seedling Seedling Size Class Seedling Sapling Sapling Seedling	Poletimb BH 8 8 8 10 Poletimb BH 8 7 8 Unspec	80 80 80 eer Poor 1 Age 85 ecifed	Sub-Car Black Ball 11.6 Sub-Car Tag Black 9.0 12.4 Sub-Car Ball	nopy Species k Spruce sam Fir Alder 85 nopy Species g Alder k Spruce 69 nopy Species	Low Low Medium 1-50 Density Medium Low Immature 171-200 Density	Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height 5 - 10 feet Variable No N/A Avg. Height	5 - 10 feet 5 - 10 feet 5 - 10 feet Size 5 - 10 feet Variable	Very low, flooded ground with seasonal flowing water from adjacent runoff. Open patches with black ash and alder within. Flooded lowland area. Dense alder with some dead flooded tamarack saplings in the west half. Dense red pine log stand with open understory. 150 200 210 Average		

Report 7 - Stands



Stand	Level 4 C	Level 4 Cover Type		Size De	ensity	Acres	Stand Age I	BA Range	Managed S	ite	General Comments												
17	622 - Lo	wland Shrub		Unspe	cifed	20.7 No			No)	Flooded corridor with more of a seasonal water movement.												
18	4130	- Aspen		Poletimb	er Well	28.5	51	111-140	N/A	4	Cut in 1974.												
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size													
	Balsam Fir 5 Sapling Quaking Aspen 85 White Spruce 5 Sapling		Sapling	5		Re	ed Maple	Low	Variable	Variable													
				8	51	Ва	alsam Fir	High	Variable	Variable													
				7																			
	Black Spruce	5	Sapling	5																			
19	4130	- Aspen		Sapling	g Well	8.7	17	Immature	N/A	4	Cut in 2008. Dense aspen sapling stand. Manageable upland conifer n												
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	along the west edge can be harvested in the future.												
	Balsam Fir	5	Pole	3	17	W	hite Pine	Trace	Variable	Variable													
	White Pine	2		16		R	ed Pine	Trace	Variable	Variable													
	Black Cherry	3	Log	2		Re	ed Maple	Low	Variable	Variable													
	Red Pine	Red Pine 2 /hite Spruce 2						2		16		Blac	ck Spruce	Low	Variable	Variable							
	White Spruce			2	Sapling	7		Ва	alsam Fir	Low	Variable	Variable											
	Black Spruce			ck Spruce 4											4	4	Seedling	8				-	
	Quaking Aspen	82	Log	2	17																		
20	42110 - Pla	inted Red Pi	ine :	Sawtimb	er Well	28.3	69	141-170	N/A	4	Nice red pine log stand. Fairly open understory except in the south half												
	Canopy Species	% Cover	Size Class	DBF	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	where pin oak saplings are dense. Some more open patches in the south 1/3 are growing aspen saplings. 150 160 180 Average of 160 BA.												
	White Pine	1		15		North	ern Pin Oak	Low	Variable	Variable	South 770 and growing appear suprings. 100 100 100 7Worldge of 100 B7.												
1	Northern Pin Oak	1	Seedling	8		Bla	ck Cherry	Low	Variable	Variable	Thinned in 2008.												
	Red Pine	98		12	69	Ва	alsam Fir	Trace	Variable	Variable													
						Qual	king Aspen	Low	Variable	Variable													
						Blac	ck Spruce	Trace	Variable	Variable													
						Re	ed Maple	Low	Variable	Variable													
21	4130	- Aspen		Sapling	g Well	28.5	17	Immature	N/A	4	Aspen sapling stand with dense mixed sapling understory in most areas.												
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Some more open patches in the north but overall fully stocked.Cut in 2008.												
	White Pine	1		20		Ва	alsam Fir	Low	Variable	Variable													
	Balsam Fir	2	Log	3	17	North	ern Pin Oak	Low	Variable	Variable													
1	Northern Pin Oak	2		9		W	hite Pine	Low	Variable	Variable													
	Red Pine	3		18	17	Bla	ck Cherry	Low	Variable	Variable													
	Quaking Aspen	77	Log	3	17	Re	ed Maple	Medium	Variable	Variable													
	Bigtooth Aspen	15	Pole	3				'	,	•	<u>-</u>												

rt 7 – Stands Compartment: 153
Year of Entry: 2027

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Stand	Level 4 C	4 Cover Type Size Density Acres Stand Age BA Range Managed Site		te	General Comments					
22	4130 - Aspen			Sapling Well			mmature	N/A		Aspen sapling stand. Scattered large pine. An area across the center and some south edges were left unmanaged which contain larger asp
	Canopy Species		Size Class	J.		nopy Species	Density	Avg. Height	Size	and black spruce.Cut in 2008. Drainage strip across center running
	Balsam Fir	3	Sapling	6 17		alsam Fir	Low	Variable	Variable	N/S was excluded from harvest.
	White Pine	2		16		ed Maple	Medium	Variable	Variable	
	Quaking Aspen	77	Log	2 17		ed Oak	Low	Variable	Variable	
	Red Maple	5	Log	2	Whi	ite Spruce	Low	Variable	Variable	
	Paper Birch	3	Sapling	5						
N	Northern Pin Oak	3	Seedling	9						
	Red Pine	4		18						
	Black Spruce	3	Seedling	7						
23	6122 - B	lack Spruce		Poletimber Well	4.0	85	81-110	N/A		Nice black spruce patch. This could be managed with the adjacent
	Canopy Species	% Cover	Size Class	DBH Age						stand in the future.
	White Pine	1		16						
	Tamarack	5	Seedling	8 85						
	Red Pine	3		18						
	Black Spruce	91	Seedling	8 85						
24	6128 - Lowland Dec	Coniferous,	Mixed	Poletimber Well	9.1	80	81-110	N/A		Flooded alder/black ash drainage. Some edges along the north may be managed with adjacent stands in the future.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Black Ash	40	Sapling	6 80	Ta	ag Alder	Medium	5 - 10 feet	5 - 10 feet	
	Black Spruce	35	Sapling	7 80						
Noi	rthern White Cedar	5		8 80						
	Balsam Fir	10	Sapling	6						
	Tamarack	10	Sapling	6						
25	4130	- Aspen		Sapling Well	52.6	30	81-110	N/A		Aspen poles with mature oak and pine scattered across the stand.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Some low depressions along the west and south will have to be excluded from future management. Old road system is grown in dense
	White Pine	3		14	Ва	alsam Fir	Low	Variable	Variable	with conifer. Best access would be from the west private, otherwise new
١	Northern Pin Oak	2		8	R	ed Oak	Trace	Variable	Variable	road work from the SE area.
	Red Pine	2		20	Whi	ite Spruce	Low	Variable	Variable	
	Red Oak	5		13	W	hite Pine	Low	Variable	Variable	
	White Spruce	3		9	Bla	ck Cherry	Low	Variable	Variable	
	Red Maple	5		10	R	ed Pine	Low	Variable	Variable	
	Bigtooth Aspen	7	Seedling	7						-
	Quaking Aspen	73	Seedling	6 30						
26	622 - Lov	wland Shrub)	Unspecifed	24.5			No		Flooded lowland flat with dense alder. Multiple old beaver dams back up drainage water.

Crystal Falls Mgt. Unit Report 7 - Stands



Stand	d Level 4 C	over Type		Size De	ensity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
27	4112 - Maple, Bee	Association	association Poletimber V		7.5	80	81-110	N/A		Hardwood log stand. Mostly open understory with room for crowns to	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	grow yet. South 1/3 has more aspen poles mixed in with an ironwood/conifer understory.
	Red Oak	2		22		Ва	lsam Fir	Low	Variable	Variable	
	Sugar Maple	65		12	80	Irc	nwood	Medium	Variable	Variable	
	Red Maple	17		12	80	Whit	e Spruce	Low	Variable	Variable	
	Bigtooth Aspen	3		11							
	Yellow Birch	3		8							
	Quaking Aspen	10	Sapling	7							
28	4130	- Aspen		Poletimb	er Well	47.1	52	111-140	N/A	4	Cut in 1973. Large, mature aspen stand. Merchantable spruce/fir along
	Canopy Species	% Cover	Size Class	DBF	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	most edges. Some vernal depressions within. The old roadbed is grow in dense with conifer. Access is from the far SW or SE corner, both
	Balsam Fir	4	Sapling	7	52	Wh	nite Pine	Low	Variable	Variable	need a lot of road work, easiest would be from the SE with a narrow
	Quaking Aspen	80		8	52	Ва	lsam Fir	Low	Variable	Variable	lowland crossing.
	White Pine	2		16		Re	d Maple	High	Variable	Variable	
	Red Maple	5		8	52	Whit	e Spruce	Low	Variable	Variable	
	White Spruce	3	Sapling	6		Blac	k Spruce	Low	Variable	Variable	
	Black Spruce	5	Seedling	8	52						-
	Red Pine	1		18							
29	6121 -	Tamarack		Poletimb	er Well	38.0	85	51-80	N/A	4	Flooded lowland flat. Most areas are dominated by alder or flooded,
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	declining tamarack. Some edges may be operable when adjacent stands are managed.
	Black Ash	5	Sapling	7		Та	g Alder	High	Variable	Variable	dana ara managaa.
	White Pine	5		16		Blac	k Spruce	Low	Variable	Variable	
	Black Spruce	25	Seedling	8	85						_
No	orthern White Cedar	10		8	80						
	Tamarack	55	Seedling	8	85						
30	4130	- Aspen		Poletimb	er Well	7.1	38	51-80	N/A	4	Aspen pole stand. A bit poorer quality aspen site with sparser, shorter
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Cai	nopy Species	Density	Avg. Height	Size	trees. Some pin oak, red maple, and conifer saplings are found in the understory.
	Red Maple	7	Sapling	6		Ва	Isam Fir	Low	Variable	Variable	and one of the second of the s
	Balsam Fir	2	Sapling	5		Northe	ern Pin Oak	Medium	Variable	Variable	
	Red Pine	3		20		Re	ed Pine	Low	Variable	Variable	
	White Spruce	2		12		Wh	nite Pine	Low	Variable	Variable	
	Black Spruce	2	Sapling	6		Re	d Maple	Medium	Variable	Variable	
							a mapic	IVICAIAIII			



Stand	d Level 4 C	el 4 Cover Type Size Density Acres Stand Age BA Range Managed Site		ite	General Comments					
31	4133 - Aspe	en, Mixed P	ine	Sapling Well	15.5	26	1-50	N/A	\	Diverse conifer mix with aspen dominating a lot of the stand. Jack pine
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	and red pine sapling/poles are abundant within.
	Balsam Fir	5	Sapling	7	Ja	ack Pine	Medium	Variable	Variable	
	Red Maple	2	Seedling	8	Bla	ck Cherry	Medium	Variable	Variable	
	Northern Pin Oak	7	Sapling	7	North	ern Pin Oak	Low	Variable	Variable	
	Red Pine	4		20	R	ted Pine	Low	Variable	Variable	
	Red Pine	10	Log	2	Ва	alsam Fir	Low	Variable	Variable	
	White Pine	3		8						-
	Jack Pine	10	Pole	4						
	Black Cherry	2	Seedling	8						
	Quaking Aspen	57	Pole	3 26						
32	4134 - Aspe	4134 - Aspen, Spruce/Fir Sapling Well 12.8 6 N/A Area ranged from lowland ground to aspen patches, to be tween upland/lowland type stand. Lowland areas have good aspen regen. Sub-Canopy Species Density Avg. Height Size Balsam Fir Low < 5 feet < 5 feet	Area ranged from lowland ground to aspen patches, transition line							
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Quaking Aspen	60	Log	1 6	Ba	alsam Fir	Low	< 5 feet	< 5 feet	
	Tamarack	10	Log	1						
	Red Maple	5	Log	1						
	Black Spruce	25	Log	1						
33	6122 - Black Spruce)	Poletimber Well	10.7 85		81-110	N/A		Excellent quality black spruce poles with some tamarack speckled in.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	White Pine	2		18	T	ag Alder	Low	5 - 10 feet	5 - 10 feet	
	Tamarack	22	Seedling	8 85	Bla	ck Spruce	Low	5 - 10 feet	5 - 10 feet	
	Black Spruce	75	Seedling	8 85						
No	orthern White Cedar	1		8 80						
34	6122 - BI	4 - Aspen, Spruce/Fir Sapling Well 12.8 6 N/A species % Cover Size Class DBH Age en 60 Log 1 6 Balsam Fir Low < 5 feet 5 feet 10 Log 1 6 Balsam Fir Low < 5 feet 5 feet 122 - Black Spruce Poletimber Well 10.7 85 81-110 N/A 122 - Black Spruce Seeding 8 85 Black Spruce Density Avg. Height Size 122 - Black Spruce Poletimber Well 10.7 85 81-110 N/A 123 Sub-Canopy Species Density Avg. Height Size 124 Sub-Canopy Species Density Avg. Height Size 125 Seeding 8 85 126 75 Seeding 8 85 127 Seeding 8 85 128 Sub-Canopy Species Density Avg. Height Size 129 Black Spruce Black Spruce Low 5 - 10 feet 5 - 10 feet 120 Black Spruce Poletimber Well 6.3 85 81-110 N/A 121 Seeding 8 85 122 Black Spruce Black Spruce Black Spruce Density Avg. Height Size 124 Black Spruce Black Spruce Black Spruce Density Avg. Height Size 125 Seedling 8 85 126 Sub-Canopy Species Density Avg. Height Size 127 Sub-Canopy Species Density Avg. Height Size 128 Balsam Fir Low Variable Variable Variable 129 Sub-Canopy Species Density Avg. Height Size 120 Balsam Fir Low Variable V								
	Canopy Species	% Cover Size Class		DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Pine	3		18	Ва	alsam Fir	Low	Variable	Variable	,
	Tamarack	15	Seedling	8 85	Bla	ck Spruce	Medium	< 5 feet	< 5 feet	
	White Spruce	2		14			,			-
	Black Spruce	73	Seedling	8 85						
No	orthern White Cedar	1		8						
	Red Maple	3		13						
	Quaking Aspen	3		12						

Stand	d Level 4 C	over Type		Size De	ensity	Acres	cres Stand Age BA Range		Managed Sit	te	General Comments	
35	4130	- Aspen		Sapling Well		8.5	6		N/A		Aspen saplings with some scattered pine retained in the west area.	
	Canopy Species	% Cover	Size Class	DBH	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Lowland transition along south edge has some lowland conifer regeneration.	
	Red Maple	10	Log	1		Ва	Isam Fir	Low	< 5 feet	< 5 feet	Togonoralion.	
	Red Pine	10		13							_	
	Tamarack	2	Log	1								
	Black Spruce	5	Log	1								
	Quaking Aspen	73	Log	1	6							
36	4130	- Aspen		Saplin	g Well	25.0	6	mmature	N/A		Aspen sapling stand. A fair amount of red pine sapling/poles scattered	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca		across the stand. A mature patch of red pine was left in the south half.Cut in 2019.				
	Northern Pin Oak	2	Seedling	8		Northe	ern Pin Oak	Low	Variable	Variable	Train out in 2010.	
	Red Pine	15		4		Re	ed Pine	Low	Variable	Variable		
	Quaking Aspen	83	Log	1	6	Blac	k Spruce	Low	Variable	Variable		
37	37 4130 - Aspen Poletimber		er Well	39.1 38		51-80	N/A		Aspen pole stand. Trees in the north half and higher elevations have a			
	Canopy Species	% Cover	Size Class	e Class DBH Age		Sub-Ca	nopy Species	Density	Avg. Height	Size	larger diameter. Understory can be dense with red maple and pin oak saplings in areas.	
	Balsam Fir	2	Sapling	5		Wh	nite Pine	Low	Variable	Variable	Sapings in areas.	
	Red Pine	3		20		Ва	lsam Fir	Low	Variable	Variable		
	White Spruce	2		12		Northe	ern Pin Oak	Medium	Variable	Variable		
	Black Spruce	2	Sapling	6		Re	ed Pine	Low	Variable	Variable		
	Quaking Aspen	84	Seedling	7	38	Re	d Maple	Medium	Variable	Variable		
	Red Maple	7	Sapling	6							_	
39	4130 - Aspen			Sapling Well		5.8 27		1-50	N/A		Aspen sapling to small pole sized trees with dense understory.	
	Canopy Species	% Cover	Size Class	DBH	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Quaking Aspen	92	Pole	3	27	Ва	lsam Fir	Low	Variable	Variable		
	Red Maple	3	Log	3		Re	d Maple	Medium	Variable	Variable		
	Red Pine	5		12		Blac	k Spruce	Low	Variable	Variable		
40 42110 - Planted		nted Red P	Red Pine Sawtimber Wel			66.8 69 81		81-110	N/A		Thinned in 2019, thinned red pine and removed all merchantable trees	
	Canopy Species	% Cover	Size Class	s DBH Age		Sub-Ca	nopy Species	Density	Avg. Height	Size	Planted in 1955/56, some areas re-planted in 1966. Red pine stand, small sawlog to large pole sized trees. Currently open understory with	
	White Pine	1		15		Blac	k Cherry	Low	Variable	Variable	sparser mixed saplings in most areas.	
	Northern Pin Oak	1	Seedling	8		Ва	Isam Fir	Trace	Variable	Variable		
	Red Pine	98		11	69	Northe	ern Pin Oak	Low	Variable	Variable		
						Re	d Maple	Low	Variable	Variable		
						Quak	ing Aspen	Low	Variable	Variable		
						Blac	k Spruce	Trace	Variable	Variable		

Report 7 - Stands



Level 4 Co		Size De	nsity	Acres	Stand Age	BA Range	Managed S	ite	General Comments		
6115 - Lo		Poletimber Well		37.7	85 81-110		N/A		Mostly flooded drainageway. The entire north is dominated by black ash,		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Specie	es Density	Avg. Height	Size	standing dead and areas of dense saplings. The south contains more spruce and tamarack. Areas along the edges containing merchantable	
White Pine	2		14		Re	Red Maple		Variable	Variable	conifers and could be harvested with adjacent stands.	
Black Ash	61	Sapling	6	85	Ta	ag Alder	High	5 - 10 feet	5 - 10 feet		
uaking Aspen	2		10		Blad	ck Spruce	Low	Variable	Variable		
Black Spruce	20	Seedling	8	85				ı		_	
nern White Cedar	5		8								
Tamarack	10	Seedling	8								
)	6115 - Lo canopy Species White Pine Black Ash uaking Aspen Black Spruce tern White Cedar	Image: Anopy Species with Energy Species % Cover White Pine 2 Black Ash 61 uaking Aspen 2 Black Spruce 20 nern White Cedar 5	6115 - Lowland Ash Fanopy Species % Cover Size Class White Pine 2 Black Ash 61 Sapling uaking Aspen 2 Black Spruce 20 Seedling nern White Cedar 5	6115 - Lowland Ash Poletimber Eanopy Species	6115 - Lowland Ash Poletimber Well Fanopy Species % Cover Size Class DBH Age White Pine 2 14 Black Ash 61 Sapling 6 85 uaking Aspen 2 10 Black Spruce 20 Seedling 8 85 nern White Cedar 5 8	6115 - Lowland Ash Poletimber Well 37.7 Fanopy Species % Cover Size Class DBH Age White Pine 2 14 Ref Black Ash 61 Sapling 6 85 Ta uaking Aspen 2 10 Black Spruce 20 Seedling 8 85 errn White Cedar 5 8	6115 - Lowland Ash Poletimber Well 37.7 85 Eanopy Species % Cover Size Class DBH Age White Pine 2 14 Red Maple Black Ash 61 Sapling 6 85 Unknown Black Spruce 20 Seedling 8 85 Earn White Cedar 5 8	Sanopy Species Cover Size Class DBH Age Red Maple Low	6115 - Lowland Ash Poletimber Well 37.7 85 81-110 N/A Fanopy Species % Cover Size Class DBH Age White Pine 2 14 Red Maple Low Variable Black Ash 61 Sapling 6 85 uaking Aspen 2 10 Black Spruce 20 Seedling 8 85 nern White Cedar 5 8	6115 - Lowland Ash Poletimber Well 37.7 85 81-110 N/A Fanopy Species % Cover Size Class DBH Age White Pine 2 14 Red Maple Low Variable Variable Black Ash 61 Sapling 6 85 Tag Alder High 5 - 10 feet 5 - 10 feet uaking Aspen 2 10 Black Spruce Low Variable Variable Black Spruce 20 Seedling 8 85 tern White Cedar 5 8	