



Compartment Review Presentation

Crystal Falls Forest Management Unit

Compartment 12049

Entry Year 2027

Acreage: 1,811

County: Dickinson

Management Area: Ralph Moraine

Stand Examiner: Rich Goupell

Legal Description:

T42N,R29W, sec. 5,6; T43N,R29W, sec. 31-33; T43N,R30W, sec. 36

Identified Planning Goals:

This compartment is located in the Ralph Ground Moraine. One goal is to work toward more equal aspen age class distribution, and continue to thin hardwood maintaining diversity as needed. Keep remaining drainages functioning and work toward repairing those drainages that have been adversely affected. Protect stream quality and snowmobile trail.

Soil and topography:

This is fairly flat ground with some slightly rolling terrain. Soil types range from very poorly drained mucks to loamy fine sand and fine sandy loam.

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

The ownership is fairly contiguous with a few forties along the Leeman road that have full time homes on. On the east side are camps but still fairly contiguous state ownership. There is a snowmobile trail on the east side of the compartment that follows the power line running north and south.

Unique Natural Features:

The Sturgeon river flows through this compartment north to south with a stream dividing the compartment to the south and many drainages through the compartment.

Archeological, Historical, and Cultural Features:

Special Management Designations or Considerations:

The snowmobile trail must be protected.

Watershed and Fisheries Considerations:

The North Branch and unnamed tributary to the East Branch Sturgeon River are both designated trout streams and a 300-foot buffer is recommended in riparian 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.

Wildlife Habitat Considerations:

This compartment is dominated by upland aspen and maple stands that are interspersed with smaller spruce/fir, swamp conifer and lowland hardwood types. Pipelines and power lines provide some opening component that benefit turkeys, bear, deer and raptors (i.e. broadwing, coopers and red tailed hawks).

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 one mile southwest. There is some potential for development of sand & gravel within the compartment on the uplands, but bedrock is near the surface in places, and the relatively thin glacial sediments appear to be clay-rich. 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. Evidence from geophysical data suggests there is good potential for the occurrence of iron formations beneath the compartment, but any ore deposits may be too deep and/or too low grade to be economical to mine. Some test drilling has been completed in the immediate vicinity of the compartment, but there has been no recent leasing activity in the area involving State-owned mineral rights. Potential for future production of metallic minerals from within the compartment is considered low at this time. The State does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, the surface owner must provide the owner of the mineral rights reasonable access to the surface for mineral

exploration and development.

Vehicle Access:

Vehicle Access to this compartment is fairly good including the Leeman road to the north which is a paved county road.

Survey Needs:

Some corners may be needed

Recreational Facilities and Opportunities:

There are fishing opportunities here and there were quite a few hunters of turkeys and deer in this compartment.

Camping, trapping, hiking, and snowmobiling is also available here.

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:

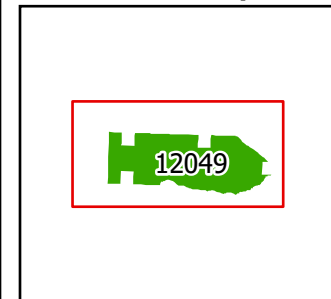
Base feature information, stand boundaries, cover types, and numbers

Proposed treatments

Site condition boundaries

Details on the road access system

Cover Type & Treatments Map



Compartment: 12049
T42N,R29W, sec. 5,6
County: Dickinson
Unit: Crystal Falls
Mgmt. Area: Ralph Moraine
YOE: 2027
Acres: 1,811 GIS Calculated
Examiner: Rich Goupell
Date Exported: 11/13/2025
Map Phase: Post Review



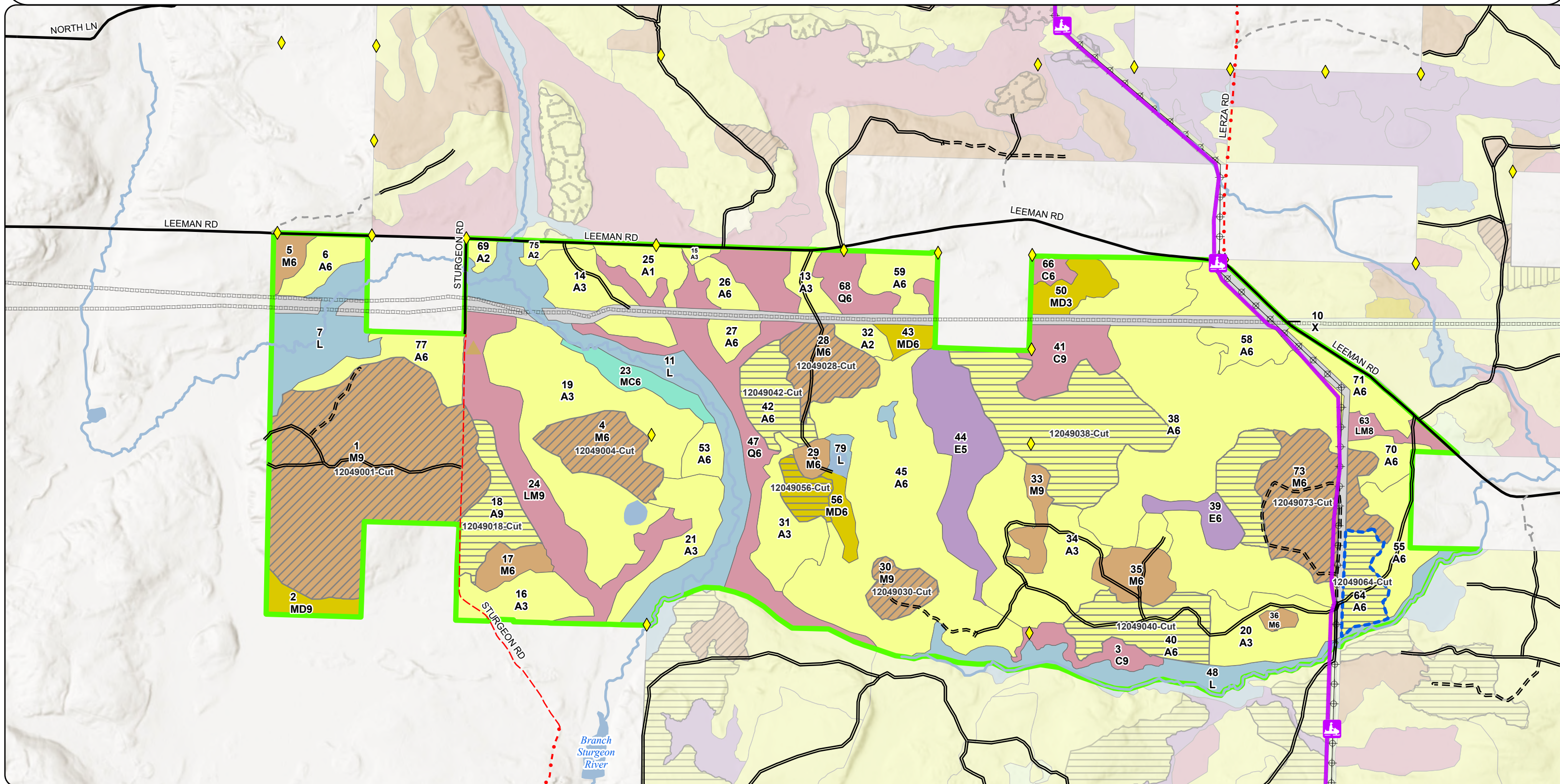
0 0.5 1 Miles

- Survey Grade Corners
- Berm
- Designated Snowmobile
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road

- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Electric
- Pipeline
- Streams
- Lakes and Rivers

- Compartment Boundary
- Clearcut
- Thinning
- Treatments with Site Conditions
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous

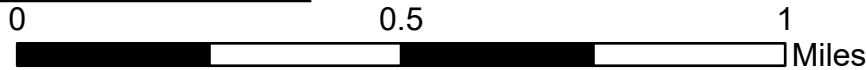
- 429 - Mixed Upland Conifers
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 110 - Low Intensity Urban
- 622 - Lowland Shrub



Stand Boundary Map



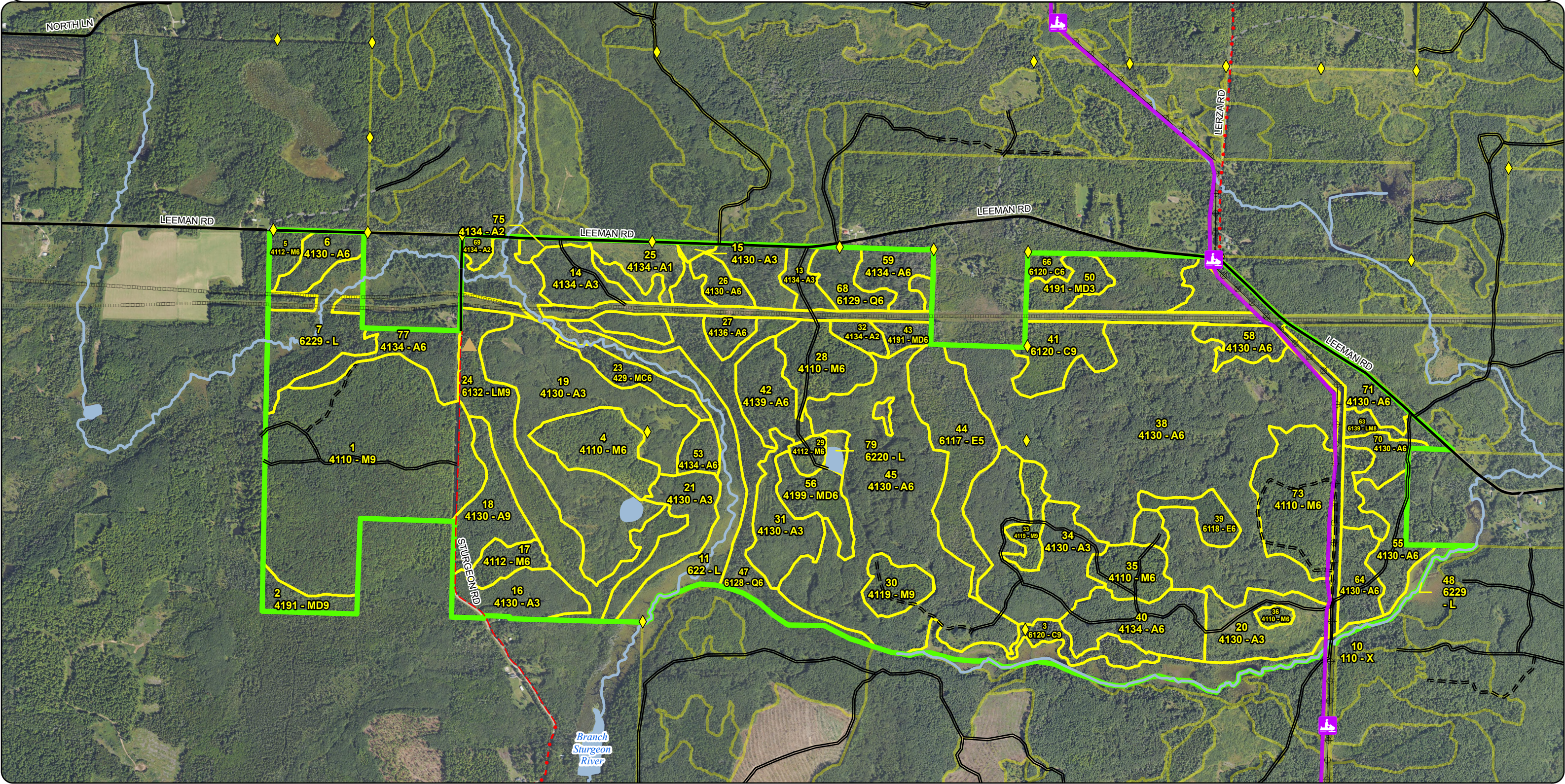
Compartment: 12049
T42N,R29W, sec. 5,6
County: Dickinson
Unit: Crystal Falls
Mgmt. Area: Ralph Moraine
YOE: 2027
Acres: 1,811 GIS Calculated
Examiner: Rich Goupell
Date Exported: 11/13/2025
Map Phase: Post Review



- Survey Grade Corners
- Berm
- Designated Snowmobile
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road

- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Electric
- Pipeline
- Streams
- Lakes and Rivers
- Compartment Boundary
- 411 - Northern Hardwood

- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 429 - Mixed Upland Conifers
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 110 - Low Intensity Urban
- 622 - Lowland Shrub



Special Conservation Areas & Site Conditions Map

Compartment: 12049
T42N,R29W, sec. 5,6
County: Dickinson
Unit: Crystal Falls
Mgmt. Area: Ralph Moraine
YOE: 2027
Acres: 1,811 GIS Calculated
Examiner: Rich Goupell
Date Exported: 11/13/2025
Map Phase: Post Review

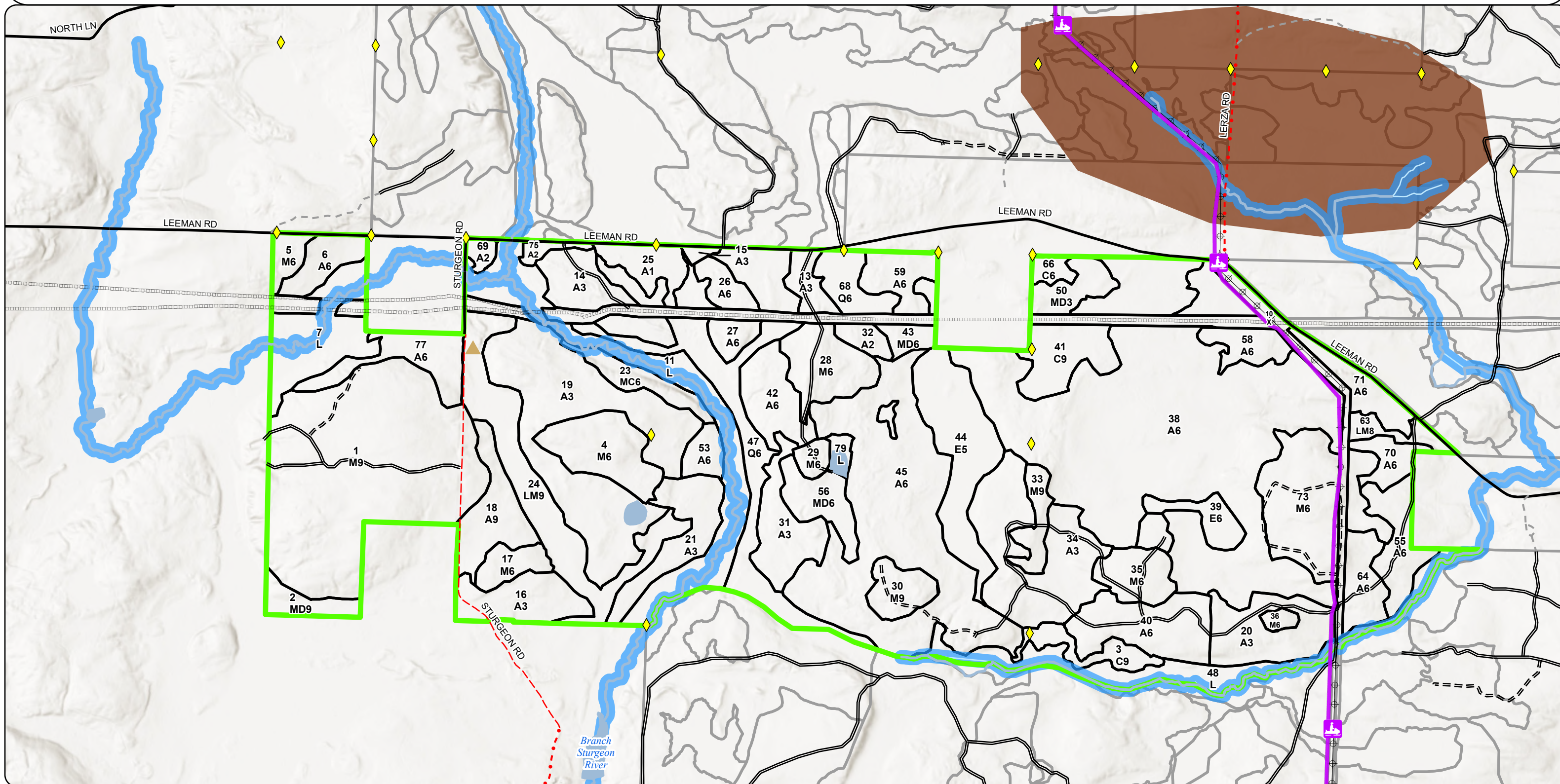


0 0.5 1 Miles

- Survey Grade Corners
- Berm
- Designated Snowmobile
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road

- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Electric
- Pipeline
- Streams

- Lakes and Rivers
- 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



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	53	192	90	55	438	145	0	0	0	0	0	0	0	0	0	0	0	973
Cedar	0	0	0	0	0	0	0	0	0	0	0	40	0	0	0	0	0	0	40
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	89	0	0	0	0	0	0	0	89
Lowland Deciduous	0	0	0	0	0	0	0	46	0	0	11	0	0	0	0	0	0	0	57
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	56	8	0	0	0	0	0	0	64
Lowland Shrub	141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	141
Mixed Upland Deciduous	0	0	13	0	0	0	17	0	0	0	16	0	0	0	0	0	0	0	46
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	331	0	0	0	0	0	0	0	331
Upland Conifers	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	13
Urban	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56
Total	198	53	205	90	55	438	162	46	0	13	503	48	0	0	0	0	0	0	1810



Report 2 – Treatment Summary

Crystal Falls Mgt. Unit
Year of Entry: 2027

Acres of Harvest

Compartment 49
Total Compartment Acres: 1,811

Commercial Harvest - 657
Harvests with Site Condition - 32
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	194	0	0	0	0	0	0	0	0	194
Mixed Upland Deciduous	10	0	0	0	0	0	0	0	0	10
Northern Hardwood	0	0	0	0	0	279	0	0	0	279
Total	204	0	0	0	0	279	0	0	0	484

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	484	0	0	0	0	0	0	0	0	484
Next Step	0	0	0	0	0	0	204	0	0	204
Total	484	0	0	0	0	0	204	0	0	688



Standard

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

Approved Treatments:

1	12049001-Cut	159.7	4110 - Sugar Maple Association	9	96	111-140	Harvest	Thinning	411 - Northern Hardwood	Planting Record	No
---	--------------	-------	--------------------------------	---	----	---------	---------	----------	-------------------------	-----------------	----

Prescription Thin to 70-90 BA following Complete Marker. Green tree some Aspen to leave. Leave all species represented.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

4	12049004-Cut	28.4	4110 - Sugar Maple Association	6	96	111-140	Harvest	Thinning	411 - Northern Hardwood	Planting Record	No
---	--------------	------	--------------------------------	---	----	---------	---------	----------	-------------------------	-----------------	----

Prescription Thin stand to 70-90 BA following the Complete Marker. Leave all species represented.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

18	12049018-Cut	24.6	4130 - Aspen	9	52		Harvest	Clearcut	413 - Aspen	Planting Record	No
----	--------------	------	--------------	---	----	--	---------	----------	-------------	-----------------	----

Prescription Final Harvest to a 3" spec. Leave Pine, Cedar, Hemlock and Oak if present. Also mark some representation of aspen/maple/overstory trees scattered throughout stand for diversity (can mark with green during cruise)

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen, Maple, Birch, Pine, Spruce Fir

Regen:

Other Leave retention on the East side of the stand focusing on the conifers.

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

S
t
a
n
d

Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
28 12049028-Cut	25.0	4110 - Sugar Maple Association	6	96	111-140	Harvest	Thinning	411 - Northern Hardwood	Planting Record	No
<u>Prescription</u> Thin 70-90 BA following Complete Marker. Leave all species represented. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
30 12049030-Cut	13.3	4119 - Mixed Northern Hardwoods	9	96	111-140	Harvest	Thinning	411 - Northern Hardwood	Planting Record	No
<u>Prescription</u> Thin 70-90 BA following Complete Marker. Leave all species represented. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
38 12049038-Cut	97.9	4130 - Aspen	6	40	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Final harvest 3" spec leave Pine, Cedar, Hemlock and Oak if present. Leave 4-6 one- to two- acre pockets of retention scattered throughout the stand focusing on conifer and underrepresented species. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen, Maple, Birch, Spruce/Fir, Pine <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
40 12049040-Cut	33.9	4134 - Aspen, Spruce/Fir	6	57	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Final harvest to a 4" spec. Leave Pine, Cedar, Hemlock, Oak, Cherry and Birch if present. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen, Maple, Birch, Spruce/Fir <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										

S
t
a
n
d

Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
42 12049042-Cut	22.1	4139 - Aspen, Mixed Deciduous	6	53		Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Final Harvest to a 3" spec. Leave Pine, Cedar, Hemlock, and Oak if present. Green mark some Cherry, Birch, and Fir to leave. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen, Maple, Birch, Pine, Fir, Spruce <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
56 12049056-Cut	10.0	4199 - Other Mixed Upland Deciduous	6	50	141-170	Harvest	Clearcut	4199 - Other Mixed Upland Deciduous	Planting Record	No
<u>Prescription</u> Final harvest to a 3" spec. Leave Pine, Cedar, Hemlock and Oak if present <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen, Maple, Birch, Basswood, Pine, Spruce Fir <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
64 12049064-Cut	15.9	4130 - Aspen	6	57	Unspecified	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Final Harvest to a 4" spec. Leave Pine Cedar, Oak, Hemlock and Cherry if present <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen, Maple, Spruce/Fir, Pine, Birch <u>Regen:</u> <u>Other</u> Add trail spec. <u>Comment:</u> <u>Site Condition:</u> BMPs <u>Proposed Start Date:</u> 10/01/2026										
73 12049073-Cut	52.7	4110 - Sugar Maple Association	6	96	141-170	Harvest	Thinning	411 - Northern Hardwood	Planting Record	No
<u>Prescription</u> Thin 70 - 90 BA following Complete Marker. Mark to favor Birch and Conifer to retain. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> Add trail spec. <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										

S
t
a
n
dTreatment
Name

Acres

Stand
CoverTypeSize
DensityStand
AgeBA
RangeTreatment
TypeTreatment
MethodCover Type
ObjectiveAge
StructureHabitat
Cut

Total Treatment
Acreage Proposed: 483.5



Availability for Management

Total	Acres	Acres Avail	Acres	Dominant Site Conditions				
Acres	Available	With Condition	Not Available		2G	3G	3J	5E
926	915	0	11	Aspen	5		5	1
40	0	0	40	Cedar	40			
89	0	0	89	Lowland Conifers	16		73	
57	46	0	11	Lowland Deciduous		11		
64	64	0	0	Lowland Mixed Forest				
141	141	0	0	Lowland Shrub				
46	46	0	0	Mixed Upland Deciduous				
331	331	0	0	Northern Hardwood				
13	13	0	0	Upland Conifers				
56	57	0	0	Urban				
1,763	1,613		150	Total Forested Acres	61	11	78	1
	91%		9%	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	Dominant Site 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)	73	Unspecified	Unspecified	Unspecified	Unspecified
Comments:								
2	Unavailable		2G: Too wet (sensitive soils, does not include access issues)	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:								

Report 4 – Site Conditions

Crystal Falls Mgt. Unit

Rich Goupell: Examiner

Compartment: 49

Year of Entry: 2027



3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	5	3L: Other wildlife concerns	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	3G: Other influence zones - See comments	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This area which had a drainage allthrough it was all cut except this little piece so could be called a retention area. The drainage goes through stand 38 so that has been cut already.							
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	23	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	3G: Other influence zones - See comments	Unspecified	Unspecified	Unspecified
Comments: This is a drainage right along the road. It has a lot of cedar in it and is quite wet							

Report 4 – Site Conditions



9	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Retention from Stand 69 cut under Mixed SBW Timber Sale (12-028-17-01). Cut completed 06/24/19.							
11	Unavailable	5E: Long-Term Retention	0	3J: Water quality/BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: Retention from Stand 75 cut under Mixed SBW Timber Sale (12-028-17-01). Cut completed 06/24/19.							
12	Unavailable	5E: Long-Term Retention	1	3J: Water quality/BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: Retention from Stand 25 cut under Mixed SBW Timber Sale (12-028-17-01). Cut completed 06/24/19.							

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				







Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
17	4112 - Maple, Beech, Cherry Association	Poletimber Well	10.1	96	51-80	N/A	M6 stand was cut under the Mixed SBW Timber Sale (12-028-17-01). Cut completed 06/24/19.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Sugar Maple		65	Log/Pole	10	96	Balsam Fir		Medium	5 - 10 feet	5 - 10 feet
Red Maple		20	Log/Pole	10	96					
Yellow Birch		5	Log/Pole	10	96					
Basswood		10	Log/Pole	10	96					
18	4130 - Aspen	Sawtimber Well	24.6	52		N/A				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
Red Maple		10	Pole	6		Balsam Fir	Low	10 - 20 feet	10 - 20 feet	
Quaking Aspen		75	Log/Pole	10	52					
Bigtooth Aspen		5	Log/Pole	10	52					
Balsam Fir		10	Pole/Sapling	5						
19	4130 - Aspen	Sapling Well	95.9	14	Immature	N/A				
Canopy Species		% Cover	Size Class	DBH	Age				There is a part of this west of the hardwood that seemed to be wetland. There are clones of aspen but also, tag alder and cattails where things didn't grow. Overall, it has regenerated.	
Quaking Aspen		75	Sapling	2	14					
Bigtooth Aspen		10	Sapling	2	14					
Balsam Fir		5	Sapling	2	21					
White Spruce		5	Sapling	4	21					
White Pine		5	Log/Pole	10	88					
20	4130 - Aspen	Sapling Well	30.8	7		N/A				
Canopy Species		% Cover	Size Class	DBH	Age				Stand updated after harvest. harvest complete 12/11/2018. Contract number 12-002-17.	
Quaking Aspen		100	Sapling	1	7					
21	4130 - Aspen	Sapling Well	25.6	25	Immature	N/A				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
Paper Birch		10	Sapling	3	25	Balsam Fir	Low	< 5 feet	< 5 feet	
Quaking Aspen		60	Sapling	4	25					
Bigtooth Aspen		15	Sapling	4	25					
Balsam Fir		10	Sapling	4	25					
White Spruce		5	Sapling	4	25					



</



</



<





<





</



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																															
75	4134 - Aspen, Spruce/Fir	Sapling Medium	3.9	6		N/A	UM8 stand was cut under the Mixed SBW Timber Sale (12-028-17-01). Cut completed 06/24/19.																																																															
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>80</td><td>Sapling</td><td>1</td><td>6</td></tr><tr><td>Balsam Fir</td><td>20</td><td>Sapling/Pole</td><td>4</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	80	Sapling	1	6	Balsam Fir	20	Sapling/Pole	4																																																	
Canopy Species	% Cover	Size Class	DBH	Age																																																																		
Quaking Aspen	80	Sapling	1	6																																																																		
Balsam Fir	20	Sapling/Pole	4																																																																			
77	4134 - Aspen, Spruce/Fir	Poletimber Well	21.7	38		N/A																																																																
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>5</td><td>Pole</td><td>5</td><td></td><td>Balsam Fir</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Paper Birch</td><td>10</td><td>Pole</td><td>5</td><td></td><td>White Spruce</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Quaking Aspen</td><td>50</td><td>Pole</td><td>5</td><td>38</td><td></td><td></td><td></td><td></td></tr><tr><td>Bigtooth Aspen</td><td>10</td><td>Pole</td><td>5</td><td>38</td><td></td><td></td><td></td><td></td></tr><tr><td>Balsam Fir</td><td>15</td><td>Pole</td><td>5</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>White Spruce</td><td>10</td><td>Sapling</td><td>3</td><td></td><td></td><td></td><td></td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	5	Pole	5		Balsam Fir	Low	< 5 feet	< 5 feet	Paper Birch	10	Pole	5		White Spruce	Low	< 5 feet	< 5 feet	Quaking Aspen	50	Pole	5	38					Bigtooth Aspen	10	Pole	5	38					Balsam Fir	15	Pole	5						White Spruce	10	Sapling	3					
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																														
Red Maple	5	Pole	5		Balsam Fir	Low	< 5 feet	< 5 feet																																																														
Paper Birch	10	Pole	5		White Spruce	Low	< 5 feet	< 5 feet																																																														
Quaking Aspen	50	Pole	5	38																																																																		
Bigtooth Aspen	10	Pole	5	38																																																																		
Balsam Fir	15	Pole	5																																																																			
White Spruce	10	Sapling	3																																																																			
79	6220 - Alder/Willow	None	5.4			No																																																																