

Compartment Review Presentation

Crystal Falls Forest Management Unit

Compartment 82 Entry Year 2016

Acreage: 1,234
County Dickinson

Management Area: Groveland

Revision Date: 07/22/2014

Stand Examiner: Linda Lindberg

Legal Description:

T41N,R29W, Sec. 28, 29

Identified Planning Goals:

To integrate management with natural area features keeping the integrety of the forest and the unique diversity of the area. Also, adding the recreation feature with the snowmobile trail.

Soil and topography:

The soil in this compartment is Dickinson Ssurgo Soils. The topography is rock outcrops to drainages. There are rolling areas with rock and wet intermingled. It is a challenge to manage this area due to the terrain.

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

This whole compartment is state land except one forty in the NW corner. Access to the SE part of the compartment is through private land. This private land has a hunting camp. Rock Lake is in the SE corner and there are cottages on that lake.

Unique Natural Features:

There are several lakes in this compartment. Lost lake with a ski trail is at the NE,(Merriman Trail) Scott Lake is SE of Lost Lake. Little Lost Lake is North of Rock Lake, Rock Lake is in the SE corner. Lake 29 is hidden amongst the rocks in the middle of section 29, and Lost Lake Creek flows north and south through section 28.

Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

Special Management Designations or Considerations:

This area has an ERA which is a Bedrock Glade, which is about 160 acres of "bald" rock outcrops. These are mostly in section 29. There is now also a DHA in the NE corner. This is fairly inaccessible due to the wet nature between the rocky outcrops

Watershed and Fisheries Considerations:

Wildlife Habitat Considerations:

This area provides unique wildlife habitat requirements associated with both the rocky outcrops and the intersecting wetland associated types. Areas of this compartment were underplanted to hemlock and white pine as part of the Rock Lake Deeryard Restoration agreement.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of thin to discontinous glacial till over bedrock. There is insufficient data to determine the glacial drift thickness. The Precambrian Archean granite/gneiss and Chocolay Group outcrops beneath the glacial drift. There is not a current economic use for these rocks, although the granite/gneiss has building stone potential. The Groveland Iron mine is located approximately three miles to the north. This compartment was previously leased for metallic exploration and the potential may still exist. A gravel pit is located one mile to the west, but potential appears to be limited. There is no economic oil and gas production in the UP.

Vehicle Access:

The snnowmobile trail is the main access through this compartment. There are some trails and logging roads where management has occurred in the past, but rocks cause major issues with access.

Survey Needs:

There are very few survey needs due to the contiguous ownership.

Recreational Facilities and Opportunities:

As mentioned, the snowmobile trail goes through this compartment.

Fire Protection:

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

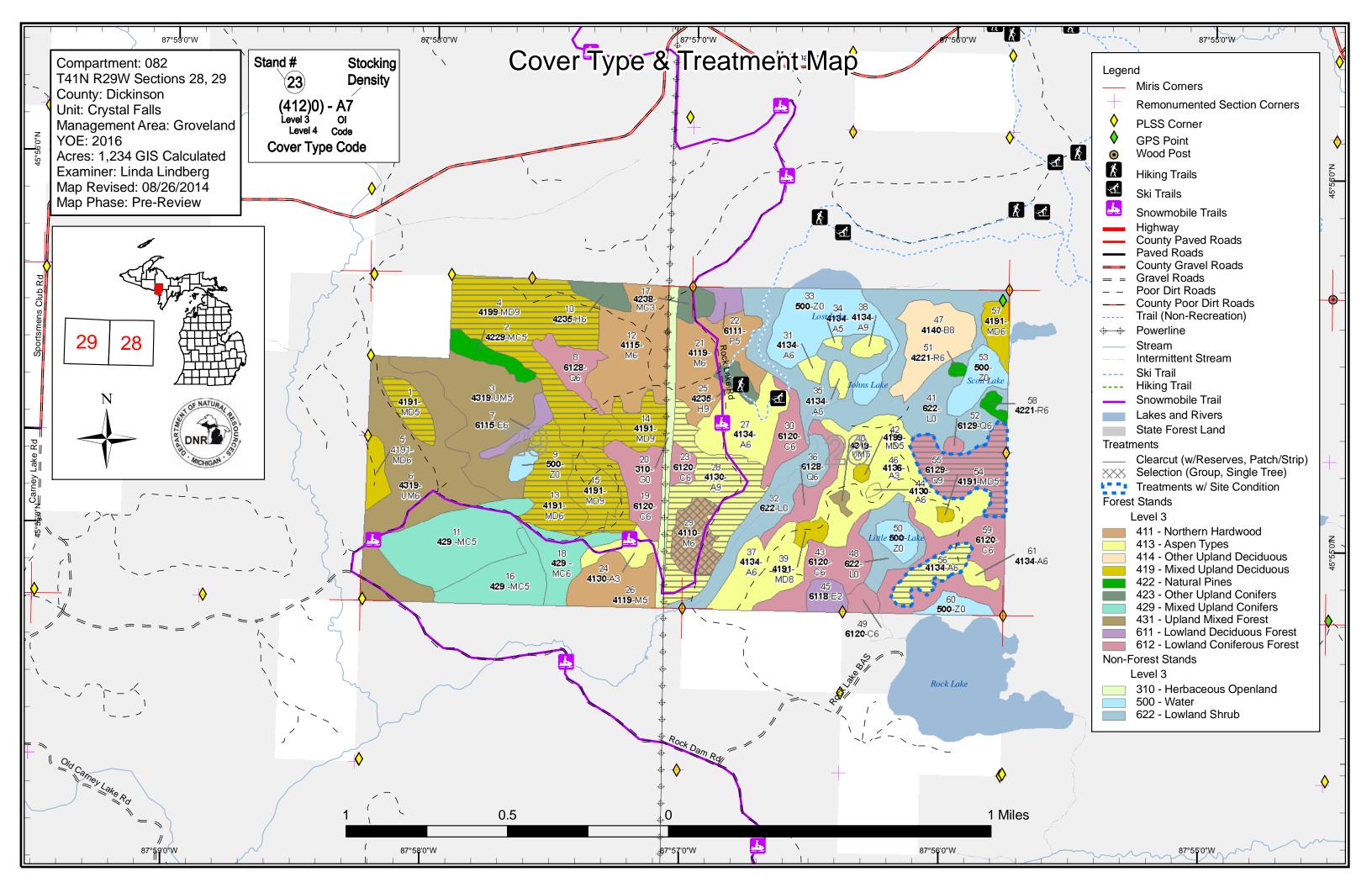
The following information is displayed, where pertinent, on the attached compartment maps:

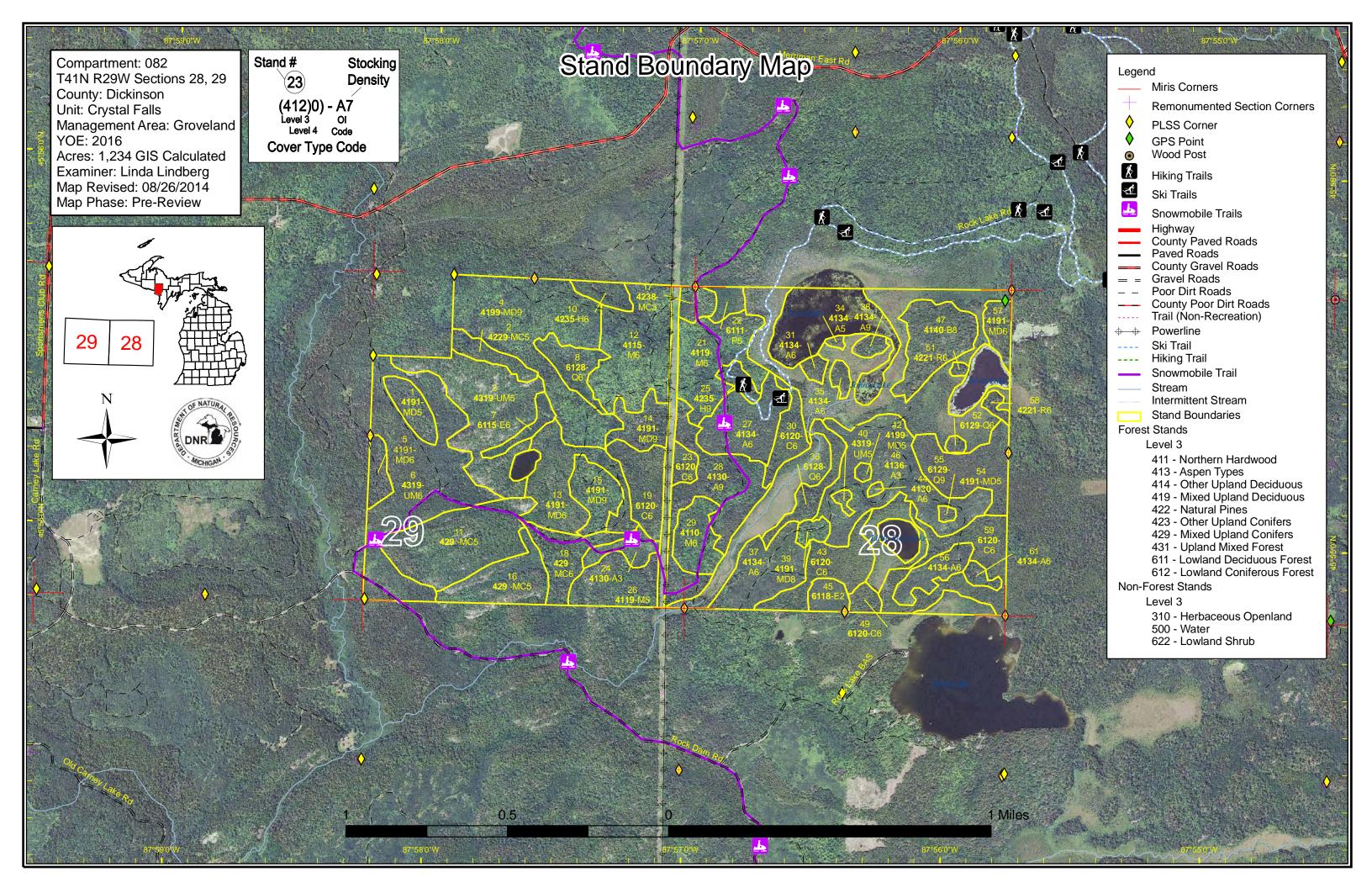
Base feature information, stand boundaries, cover types, and numbers

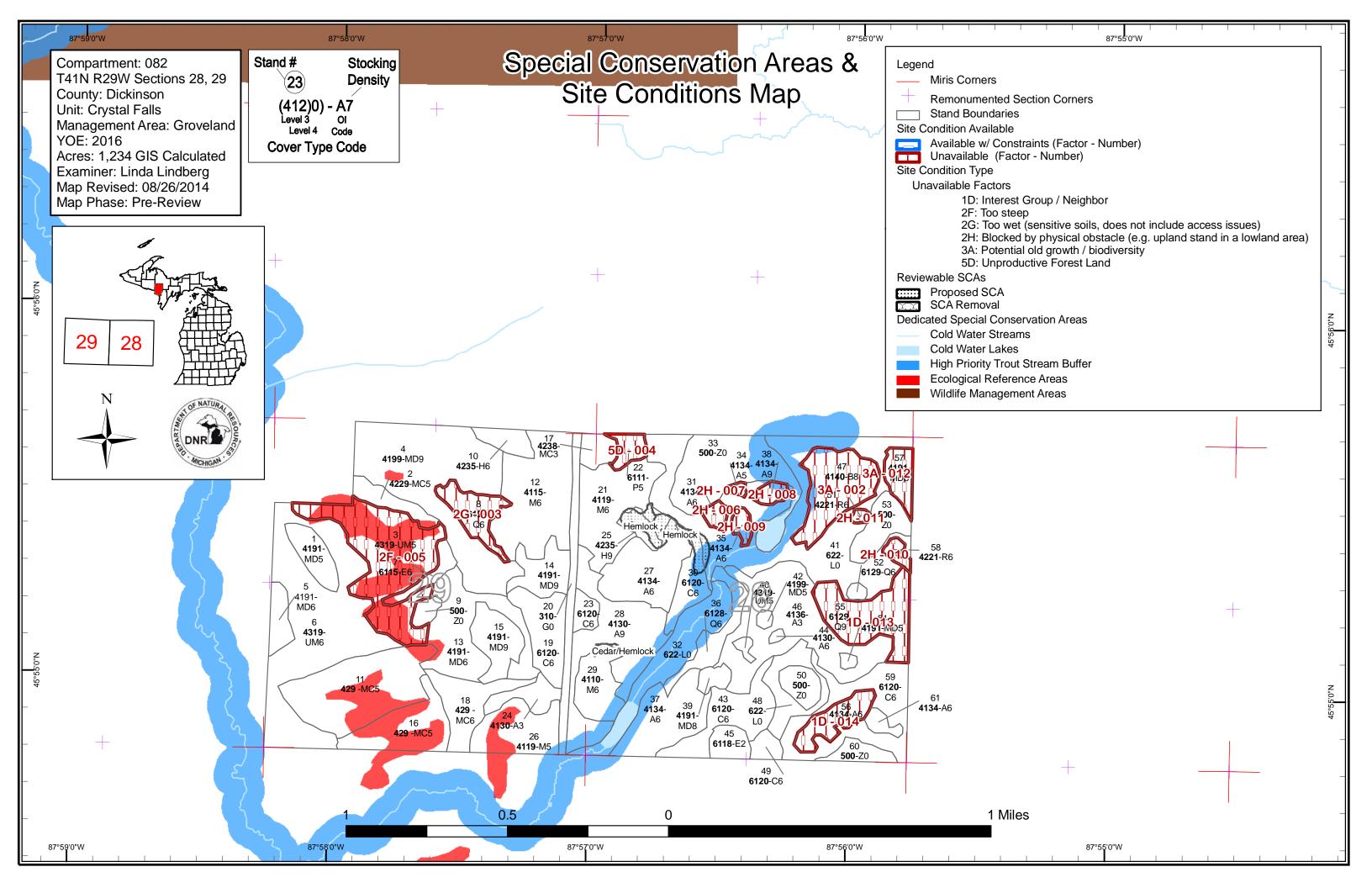
Proposed treatments

Site condition boundaries

Details on the road access system







Compartment 082 Year of Entry 2016

Crystal Falls Mgt. Unit Linda Lindberg : Examiner



Age Class

						Age v	Jiass									
		6.9	70.79	Parts /	,	AD PO	\$ / S	89.00	, o,	0.00 G	85.70	on on one	70,70	, o , , , , , , , , , , , , , , , , , ,	S /	, do
Aspen	0	9	89	30	0	0	0	63	11	0	0	0	0	0	202	
Cedar	0	0	0	0	0	0	0	28	74	0	0	0	0	0	102	
Hemlock	0	0	0	0	0	0	0	7	5	0	0	0	0	0	13	
Herbaceous Openland	16	0	0	0	0	0	0	0	0	0	0	0	0	0	16	
Lowland Aspen/Balsam Poplar	0	0	0	0	0	6	0	0	0	0	0	0	0	0	6	
Lowland Conifers	0	0	0	0	0	0	43	0	16	0	0	0	0	0	59	
Lowland Deciduous	0	0	7	0	0	0	6	0	0	0	0	0	0	0	14	
Lowland Shrub	142	0	0	0	0	0	0	0	0	0	0	0	0	0	142	
Mixed Upland Deciduous	0	0	0	0	0	0	37	132	14	0	0	0	0	0	183	
Natural Mixed Pines	0	0	0	0	0	0	0	0	9	0	0	0	0	0	9	
Northern Hardwood	0	0	0	0	0	0	0	0	128	0	0	0	0	0	128	
Paper Birch	0	0	0	0	0	0	0	29	0	0	0	0	0	0	29	
Red Pine	0	0	0	0	0	0	0	3	1	0	0	0	0	0	4	
Upland Conifers	0	0	0	0	0	0	52	0	26	0	0	0	0	27	105	
Upland Mixed Forest	0	0	0	0	86	0	0	58	2	0	0	0	0	0	146	
Water	76	0	0	0	0	0	0	0	0	0	0	0	0	0	76	
Total	234	9	96	30	86	6	139	320	286	0	0	0	0	27	1234	



Report 2 – Proposed Treatment Summaries

Crystal Falls Mgt. Unit Year of Entry 2016

Compartment 082 Total Compartment Acres: 1,234

Acres by Treatment Type

Commercial Harvest - 265 T

Tree Planting - 0

Other - 0

Habitat Cut - 0

Opening Maintenance - 0

			Cov	er Ty	oe by F	larves	st Meth	nod	
			Sea of		Zigo Sign	No Oo	OKC.		R. P.
Aspen Types		58	0	0	0	0	0	58	
Lowland Coniferous Forest		30	0	0	0	0	0	30	
Mixed Upland Deciduous		159	0	0	0	0	0	159	
Northern Hardwood		0	17	0	0	0	0	17	
	Total	247	17	0	0	0	0	265	

Crystal Falls Mgt. Unit S

Report 3 -- Treatments Prescribed with No Limiting Factor

Compartment: 082 Year of Entry 2016

DEPARTME	DNR MICHIGAN	
	CHIGAN	

a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
1	12082001-Cut	11.2	4191 - Mixed Upland Deciduous with Conifer	Medium Density Pole	77		Harvest	Clearcut with Reserves	4191 - Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal

Prescription Cut all trees 2 inches or more in diameter at brest height. Do not cut oak, elm, cedar, hemlock, red and white pine.

Specs:

Other_ Comments:

Next Regen survey per certification

Steps:

<u>Proposed</u>

Start Date: 10/01/2015

> 12082004-Cut 79.7 4199 - Other Mixed High 77 Harvest Clearcut with 4191 - Mixed Cmpt. Review Upland Deciduous Density Log **Upland Deciduous** Reserves Proposal with Conifer

Prescription Cut all trees 2 inches or greater except cherry, oak, elm, cedar, hemlock, red and white pine, sugar and red maple if they are present in the

Specs:

There is a small portion of the Bedrock Glade ERA in this stand and proper protocol will be followed when harvesting this stand because protocol <u>Other</u> Comments:

is not present at this time.

Next Steps: Regen survey per certification

Proposed

Start Date: 10/01/2015

12082013-Cut 37.3 4191 - Mixed High 67 Harvest Clearcut with 4191 - Mixed Cmpt. Review 13 **Upland Deciduous** Density Reserves **Upland Deciduous** Proposal with Conifer with Conifer Pole

Prescription Cut all trees that are 2 inches or larger at breast height. Do not cut cherry, elm, oak, hemlock, cedar, red and white pine. Also, do not cut red

Specs: and sugar maple.

Other There are many rocky areas that are inoperable with wet areas at the bottom edge so in the end, about 1/2 of the stand will end up being Comments: harvested. These areas are numerous and cannot be delineated ahead of time due to lack of time to do this. There is also a tiny part of the

ERA in this stand that will be taken out as retention or part of ERA.

Regen check according to certification <u>Next</u>

14.3

Steps:

<u>Proposed</u>

Start Date: 10/01/2015

12082014-Cut

81-110 Upland Deciduous Density Log Reserves **Upland Deciduous** Proposal with Conifer with Conifer

4191 - Mixed

Prescription Cut all trees 2 inches or more in diameter. Do not cut cherry, elm, oak, cedar, hemlock, red and white pine and red and sugar maple.

Harvest

Clearcut with

4191 - Mixed

Specs:

This stand also has rock and wet and will just be cut in between where operable which means the acreage will be diminished. <u>Other</u>

High

Comments:

Regen survey per certification

Steps:

<u>Next</u>

Proposed

Start Date: 10/01/2015 Cmpt. Review

Crystal Falls Mgt. Unit

Report 3 -- Treatments Prescribed with No Limiting Factor

Compartment: 082 Year of Entry 2016

DEPARTMEN	DNR MICHIGAN	1
`	MICHIGAN	

a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
15	12082015-Cut	16.3	4191 - Mixed Upland Deciduous with Conifer	High Density Log	70 I	81-110	Harvest	Clearcut with Reserves	4191 - Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal

Prescription Cut all trees 2 inches or more in diameter except do not cut oak, elm, cherry, cedar, hemlock, red and white pine and sugar and red maple.

Specs

S

Other Just one more area with rock, wet and operable areas involved. It is just too hard to delineate the no cut areas out ahead of time due to lack of

Comments: extra time.

<u>Next</u> Regen survey per certification

Steps:

<u>Proposed</u>

Start Date: 10/01/2015

12082028-Cut 45.9 4130 - Aspen High 77 51-80 Harvest Clearcut with 4130 - Aspen Cmpt. Review Reserves Proposal **Density Log**

Prescription Cut all trees 2 inches or more in diameter except do not cut oak, elm, cedar, cherry, hemlock, red and white pine. There is a hemlock inclusion

that was made a SCA that will be taken out of the sale. There are some steep areas in here that may not be operable. Specs:

<u>Other</u> There are wet areas in this stand also that will have to be delineated out of sale. The Pine Creek buffer will be taken out of this stand for

Comments:

<u>Next</u> Regen check per certification

Steps:

<u>Proposed</u>

Start Date: 10/01/2015

12082029-Cut 17.4 4110 - Sugar Maple High 111-140 Harvest Single Tree 4110 - Sugar Maple Cmpt. Review Selection Density Association Association Proposal

Pole

Prescription Mark trees to 80 BA. There are areas in this stand that are steep and you will need to mark perpendicular to the steep area to get up and down

Specs: the hill. Leave best tree in place regardless of species. Leave trees can be used as the best tree in place including red and white pine, cedar,

Canopy gaps will help with regenration eventhough there is some ash regen present. . hemlock, oak and elm. There is ash in this stand.

Part of this stand will be in the Pine Creek buffer and will be retention. <u>Other</u>

Comments:

Next Regen survey per certification

Steps:

Proposed

10/01/2015 Start Date:

Total Treatment

Acreage Proposed: 222.1

s t		Crystal F	alls Mgt. Unit	Report 4		eatment Site Con	s Prescribed dition	d with	Compartment: 082 Year of Entry 2016	OF NATURAL PRODURCES
a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
55	12082055-Cut	30.1	6129 - Mixed Coniferous Lowland Forest	High Density Log	65 g		Harvest	Clearcut with Reserves	6129 - Mixed Coniferous Lowland Forest	Cmpt. Review Proposal
Preso Spec			es or greater except, of marked out for retent				on.			
Other Comr		part of this	stand was included in	n the DHA a	nd will ne	ed to be e	ither taken out o	f the DHA will nee	d adjustment.	
Next Steps		check per c	ertification							
Propo Start		015								
<u>Limiti</u>	ng Factor	1D:	Interest Group / Neig	hbor						
56	12082056-Cut	12.5	4134 - Aspen, Spruce/Fir	High Density Pole	77		Harvest	Clearcut with Reserves	4134 - Aspen, Spruce/Fir	Cmpt. Review Proposal
Preso Spec			es or greater except deas here also to deal v		k, elm, c	herry, red	and white pine,	sugar maple and re	ed maple if present in th	e stand. There
Other Comr	-	to this is th	rough private to the so	outh.						
<u>Next</u> Steps	•	survey per o	certification							
Propo Start		015								

Total Treatment

Limiting Factor

Acreage Proposed: 42.5

1D: Interest Group / Neighbor

Crystal Falls Mgt. Unit Linda Lindberg: Examiner Compartment 082 Year of Entry 2016

Availability for Management

Total	Acres	Acres	Do	omina	nt Site	e Con	dition	s		
Acres	Available	Not Available		No	5D	ЗА	2H	2G	2F	1D
202	178	24	Aspen	178			11			12
102	102		Cedar	102						
13	13		Hemlock	13						
5		5	Lowland Aspen/Balsam Poplar		5					
58	15	43	Lowland Conifers	15				14		30
14	14		Lowland Deciduous	14						
182	174	9	Mixed Upland Deciduous	174		9				
9	9		Natural Mixed Pines	9						
128	128		Northern Hardwood	128						
29		29	Paper Birch			29				
4		4	Red Pine				4			
105	105		Upland Conifers	105						
146	88	58	Upland Mixed Forest	88					58	
997	826	172	Total Forested Acres	826	5	38	15	14	58	42
	83%	17%	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.

	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
002	Not Available	3A: Potential old growth / biodiversity	29	2F: Too steep	2G: Too wet (sensitive soils, does not include access issues)		
_	omments: ocky ground, with	wetland to cross to get there.	It is part	of the new DHA			
003	Not Available	2G: Too wet (sensitive soils, does not include access issues)	14	1C: Other dept or div proc/practices			
	omments: here is hemlock al	ong with the cedar here which	ı we do n	ot harvest			

Report 5 – Site Conditions

Crystal Falls Mgt. Unit Linda Lindberg: Examiner Compartment 082 Year of Entry 2016

004	Not Available	5D: Unproductive Forest Land	6	No Limiting Factor	No Limiting Factor	
	omments: here isn't enough v	volume to go after				
005	Not Available	2F: Too steep	58	3B: Threatened, endangered, and special concern species/communities		
	omments: ock/ see topograp	hy map. ERA Granite Bedrock	Glade			
006	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	3			
С	omments:					
007	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	1			
С	omments:					
008	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	4			
С	omments:					
009	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	3			
C	omments:					

Report 5 – Site Conditions

Crystal Falls Mgt. Unit Linda Lindberg: Examiner Compartment 082 Year of Entry 2016

010	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	3
С	omments:		
011	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	1
С	omments:		
012	Not Available	3A: Potential old growth / biodiversity	9
С	omments:		
013	Not Available	1D: Interest Group / Neighbor	30
	omments: ccess to this side	of the compartment is through	private land and will most likely be granted
014	Not Available	1D: Interest Group / Neighbor	13
	omments: his needs access	through private land and more	than likely will be obtained.

Crystal Falls Mgt. Unit

Compartment: 082 Year of Entry: 2016

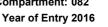


Report 6 - PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

* 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
Cedar/Hemlock Comments	Habitat Areas or Corridors	Other Habitat Area	SCA	1.6
Hemlock Comments	Habitat Areas or Corridors	Other Habitat Area	SCA	5.2
Hemlock Comments plant white pine and hemlock	Habitat Areas or Corridors	Other Habitat Area	SCA	6.7

Crystal Falls Mgt. Unit Compartment: 082





Report 7 – EXISTING SPECIAL CONSERVATION AREA DETAILS

* This is a list of SCA's for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to the Special Conservation Area Map for locations of the below listed Conservation Areas.

Conservati Area	on Type	Description	ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area
SCA	Archaeological Site	An aquatic or terrestrial area of the State that contains physics sites of cultural and historical significance that may occur upo bottomlands. They include thousands of Native American sett and British outposts, nineteenth century logging camps, mine the Great Lakes, there are shipwrecks and other remains doc be identified by Natural heritage data from the State Historic F this compartment will be implemented in such a manner as to the sensitive nature of this information, no further detail about	n terrestrial areas and Great Lakes lements and burial sites, as well as French as and homesteads. Beneath the waters of umenting the maritime trade. Such sites may Preservation Office. Proposed treatments in maintain the integrity of these sites. Due to
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen cond stocked trout populations and those of other coldwater fish sp conditions for coldwater fishes may occur in Michigan lakes if groundwater inflows, or are located in colder (northern) areas Director's action and designated as trout resources by Fisheri	ecies to persist from year to year. Suitable they are relatively deep, have substantial of the state. Such lakes are established by
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen constocked trout populations and those of other coldwater fish spayear to year. Coldwater streams in Michigan typically provide contributions of groundwater to their stream flows. Such stream designated as trout resources by Fisheries Order 210.	ecies (e.g., slimy sculpin) to persist from these conditions due to substantial
SCA	Habitat Area	An area that provide some specific need for the life cycle of w and Waterfowl Production Areas, deer wintering complexes in openings and savannas. Habitat areas are distinct from critical endangered or threatened species (such as Kirtland's warbler general in nature, are not primarily associated with threatened covered by species recovery plans that are developed in cooperations.	I lowland conifer communities, grassland all habitat designated for recovery of or piping plover areas) in that they are more do or endangered species, and are not
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems influences the aquatic ecosystem and vice-versa. Because of streams and open water wetlands, riparian areas harbor a hig communities are ecologically and socially significant in their eas aesthetics, habitat, bank stability, timber production, and the	the unique conditions adjacent to lakes, h diversity of plants and wildlife. Riparian ffects on water quality and quantity, as well
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples identified as Element Occurrences (EOs) by the Michigan Nat context of their natural community classification system. Elem (Excellent) or B (Good) and a Global (G) or State (S) element threatened (2), or rare (3) serve as an initial base of ERAs. The State. The system is comprised of individual or association managed for restoration and maintenance of natural ecological submit recommendations for lands as ERAs using the DNR C	ural Features Inventory (MNFI) within the ent Occurrences with viability ranks of A (rarity) ranking of endangered (1), ney may be located upon any ownership in ns of natural community types that are al processes and values. The public may

s t	Crystal Falls Mgt. Unit			Report 8 –	Forested Stands	Compartment: 082 Year of Entry: 2016	DNR DNR
a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:	MICHIGAN
1	4191 - Mixed Upland Deciduous with Conifer	Medium Density Pole	11.2	77			
2	42290 - Natural Mixed Pine	Medium Density Pole	9.3	80			
3	4319 - Mixed Upland Forest	Medium Density Pole	57.8	72			
4	4199 - Other Mixed Upland Deciduous	High Density Log	79.7	77			
5	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	7.9	85			
6	4319 - Mixed Upland Forest	High Density Pole	86.4	46			
7	6115 - Lowland Ash	High Density Pole	6.5	65			
8	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	13.8	86			
10	42350 - Upland Hemlock	High Density Pole	7.3	75	81-110		
11	429 - Mixed Upland Conifers	Medium Density Pole	52.3	65			
12	4115 - Y.Birch, Hemlock NH	High Density Pole	48.8	85	51-80		
13	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	37.3	67			
14	4191 - Mixed Upland Deciduous with Conifer	High Density Log	14.3	77	81-110		
15	4191 - Mixed Upland Deciduous with Conifer	High Density Log	16.3	70	81-110		
16	429 - Mixed Upland Conifers	Medium Density Pole	25.8	85			
17	42380 - Non Pine Upland Conifer, Mixed Deciduous	High Density Sapling	6.8	Uneven Age	51-80		
18	429 - Mixed Upland Conifers	High Density Pole	19.9	Uneven Age	-	This stand was cut last time	
19	6120 - Lowland Cedar	High Density Pole	20.7	86	81-110		

s t	Crystal Falls	Crystal Falls Mgt. Unit		Report 8	- Forested Stands	Compartment: 082 Year of Entry: 2016	DNR
a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:	MICHIGAN .
21	4119 - Mixed Northern Hardwoods	High Density Pole	37.9	85	51-80		
22	6111 - Lowland Balsam Poplar	Medium Density Pole	5.6	54			
23	6120 - Lowland Cedar	High Density Pole	5.2	86			
24	4130 - Aspen	High Density Sapling	9.0	10			
25	42350 - Upland Hemlock	High Density Log	5.3	85			
26	4119 - Mixed Northern Hardwoods	Medium Density Pole	23.8	85	51-80		
27	4134 - Aspen, Spruce/Fir	High Density Pole	29.8	34			
28	4130 - Aspen	High Density Log	45.9	77	51-80		
29	4110 - Sugar Maple Association	High Density Pole	17.4	85	111-140		
30	6120 - Lowland Cedar	High Density Pole	12.6	86			
31	4134 - Aspen, Spruce/Fir	High Density Pole	3.2	84			
34	4134 - Aspen, Spruce/Fir	Medium Density Pole	1.2	85			
35	4134 - Aspen, Spruce/Fir	High Density Pole	3.4	85			
36	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	13.1	68			
37	4134 - Aspen, Spruce/Fir	High Density Pole	29.5	22			
38	4134 - Aspen, Spruce/Fir	High Density Log	3.7	84			
39	4191 - Mixed Upland Deciduous with Conifer	Medium Density Log	4.4	84			
40	4319 - Mixed Upland Forest	Medium Density Pole	1.8	84			

s t	Crystal Falls	Report 8 – Forested Stands			Compartment: 082 Year of Entry: 2016	OF NATURAL AREBOURGE	
a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:	MICHIGAN .
42	4199 - Other Mixed Upland Deciduous	Medium Density Pole	1.6	80			
43	6120 - Lowland Cedar	High Density Pole	23.7	76			
44	4130 - Aspen	High Density Pole	1.0	77			
45	6118 - Lowland Deciduous with Cedar	Medium Density	7.5	22			
46	4136 - Aspen, Mixed Conifer	High Density Sapling	59.5	22			
47	4140 - Other Upland Deciduous	Medium Density Log	29.4	77	51-80		
49	6120 - Lowland Cedar	High Density Pole	4.7	76	81-110		
51	42210 - Natural Red Pine	High Density Pole	1.3	80			
52	6129 - Mixed Coniferous Lowland Forest	High Density Pole	1.7	84			
54	4191 - Mixed Upland Deciduous with Conifer	Medium Density Pole	1.4	77			
55	6129 - Mixed Coniferous Lowland Forest	High Density Log	30.1	65			
56	4134 - Aspen, Spruce/Fir	High Density Pole	12.5	77			
57	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	8.7	77			
58	42210 - Natural Red Pine	High Density Pole	2.9	77			
59	6120 - Lowland Cedar	High Density Pole	35.2	89			
61	4134 - Aspen, Spruce/Fir	High Density Pole	3.6	77			

Compartment: 082 Year of Entry: 2016



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
9	50 - Water	3.9	Unspecified	Unspecified	
20	3102 - Grass	15.7	Unspecified	Unspecified	
32	622 - Lowland Shrub	31.0	Unspecified	Unspecified	
33	50 - Water	43.5	Unspecified	Unspecified	
41	622 - Lowland Shrub	97.0	Unspecified	Unspecified	
48	622 - Lowland Shrub	14.4	Unspecified	Unspecified	
50	50 - Water	8.1	Unspecified	Unspecified	
53	50 - Water	13.7	Unspecified	Unspecified	
60	50 - Water	6.8	Unspecified	Unspecified	