



**ESCANABA Forest Management Unit
Compartment Review Presentation
Compartment 89 Entry Year: 2012
Compartment Acreage: 1,826 County: Delta**

Revision Date: August 25, 2010

Stand Examiner: Dan McNamee, Forester, FMD; Bill Rollo and Craig Albright, Wildlife Division

Legal Description: T43-R23W Sections 19,20,29,30 and 31

Identified Planning Goals: Deadhorse Moraines

Management Goals: Most of this compartment is comprised of tamarack to the east and upland aspen and hardwood types to the west. Treatment of two lowland conifer types will be done this treatment period using the seed tree silviculture method. A 42-year old aspen stand will also be treated this period. The northern hardwood types contain a good amount of advanced regeneration, and two stands will be treated by single tree selection and creating some regeneration gaps which should allow the established regeneration to recruit into the sub-canopy layer. There is a unique area located in this compartment which contains a large area of old beaver flooding along with some new dams. This area has been classified as a Special Conservation Area to try to create an area that will provide habitat for wildlife which includes areas of beaver flooding, wet meadow, lowland conifers, uplands of aspen and northern hardwoods. Roads constructed for timber harvest will be blocked and seeded upon completion of timber sales.

Soil and Topography: Topography is nearly level to slightly rolling. Soils are very poorly drained non-acid organic soils, poorly drained loamy soils, well drained loams. Major soil series are Trenary loams, Ensley, Charlevoix, Dawson, and Cathro.

Ownership Patterns, Development, and Land Use in and Around the Compartment: This compartment is part of a 1,800-acre block of state land. Ownership to the east, west and south is primarily private forestland.

Unique, Natural Features: Old beaver floodings and new beaver dams scattered throughout the compartment.

Archeological, Historical, and Cultural Features: Unknown

Special Management Designations or Considerations: Special Conservation Area in north-central part of compartment.

Watershed and Fisheries Considerations: N/A

Wildlife Habitat Considerations: The most significant habitat feature in this compartment is a 300-acre block of land that contains beaver floodings, wet meadows, and interspersed timber. This area continues to be designated a Special Conservation Area where natural processes will be allowed to operate. This habitat benefits wetland-associated wildlife such as waterfowl, furbearers, and songbirds. Elsewhere in the compartment, several timber harvest treatments will be conducted, primarily in spruce, tamarack, aspen, and northern hardwood stands. Regeneration of the 147-acre spruce stand may provide future habitat for snowshoe hares.

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of medium textured glacial till and peat and muck. There is approximately 35 feet of relief in the compartment. The glacial drift thickness varies between 0 and 10 feet. The Ordovician Trenton Formation underlies the glacial drift. The Trenton is quarried for stone/dolomite near Escanaba. A gravel pit is located 0.5 miles to the southwest of the compartment. There appears to be good gravel potential in the northwest corner of the compartment.

Vehicle Access: The access into this block of state land is limited to department personnel via an administrative easement.

Survey Needs: No survey needs at this time.

Recreational Facilities and Opportunities: Limited opportunities for hunting, camping, and other forest-associated recreation.

Fire Protection: Access is limited

Additional Compartment Information: N/A

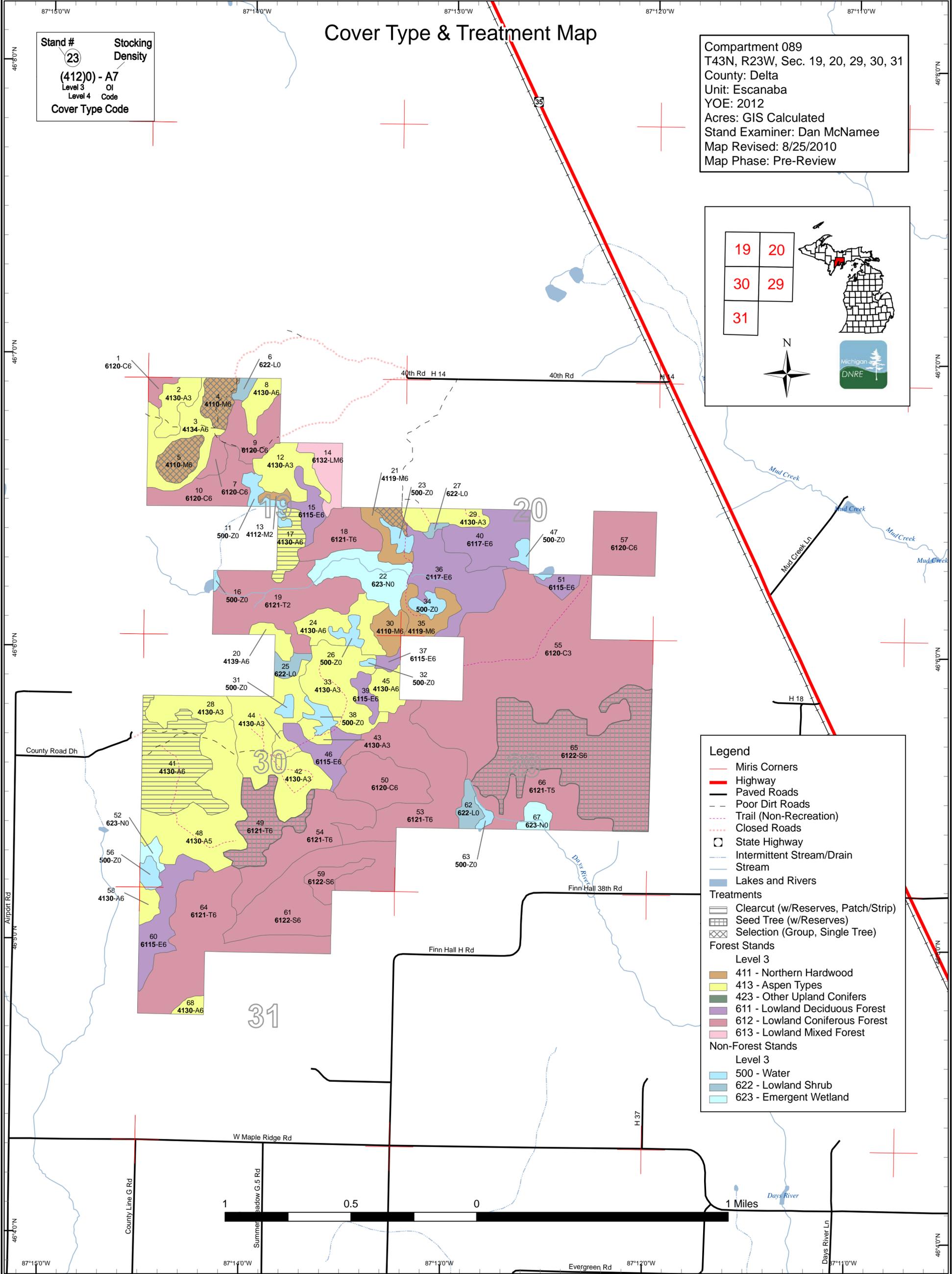
- **The following reports from the Inventory are attached:**
 - ◆ **Total Acres by Cover Type and Age Class**
 - ◆ **Proposed Treatment Summary**
 - ◆ **Proposed Treatments – No Limiting Factors**
 - ◆ **Proposed Treatments – With Limiting Factors**
 - ◆ **Stand Details (Forested and Nonforested)**
 - ◆ **Dedicated and Proposed Special Conservation Areas**

- **The following information is displayed, where pertinent, on the attached compartment maps:**
 - ◆ **Base feature information, stand boundaries, cover types, and numbers**
 - ◆ **Proposed treatments**
 - ◆ **Details on the road access system**

Cover Type & Treatment Map

Stand #
 (412)0 - A7
 Level 3 OI
 Level 4 Code
 Cover Type Code

Compartment 089
 T43N, R23W, Sec. 19, 20, 29, 30, 31
 County: Delta
 Unit: Escanaba
 YOE: 2012
 Acres: GIS Calculated
 Stand Examiner: Dan McNamee
 Map Revised: 8/25/2010
 Map Phase: Pre-Review



Legend

- Miris Corners
- Highway
- Paved Roads
- Poor Dirt Roads
- Trail (Non-Recreation)
- Closed Roads
- State Highway
- Intermittent Stream/Drain
- Stream
- Lakes and Rivers

Treatments

- Clearcut (w/Reserves, Patch/Strip)
- Seed Tree (w/Reserves)
- Selection (Group, Single Tree)

Forest Stands

Level 3

- 411 - Northern Hardwood
- 413 - Aspen Types
- 423 - Other Upland Conifers
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest

Non-Forest Stands

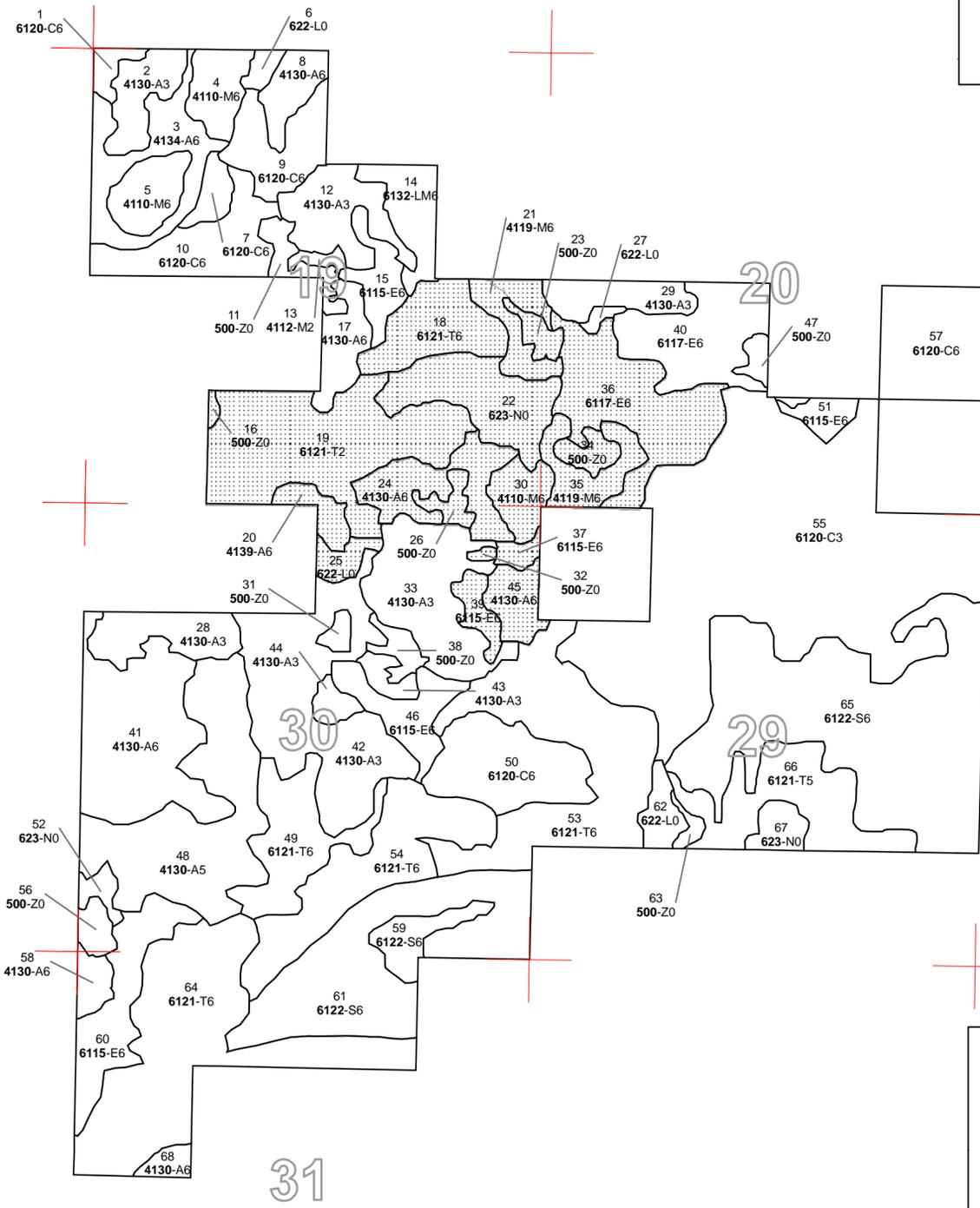
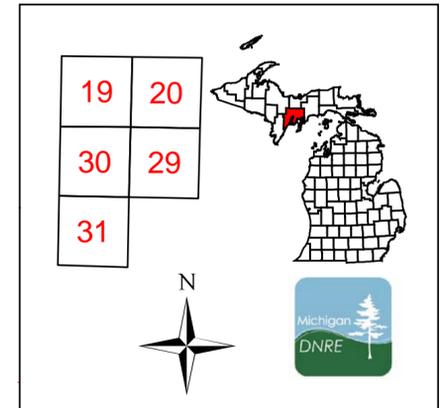
Level 3

- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland

Dedicated & Proposed Special Conservation Area Map

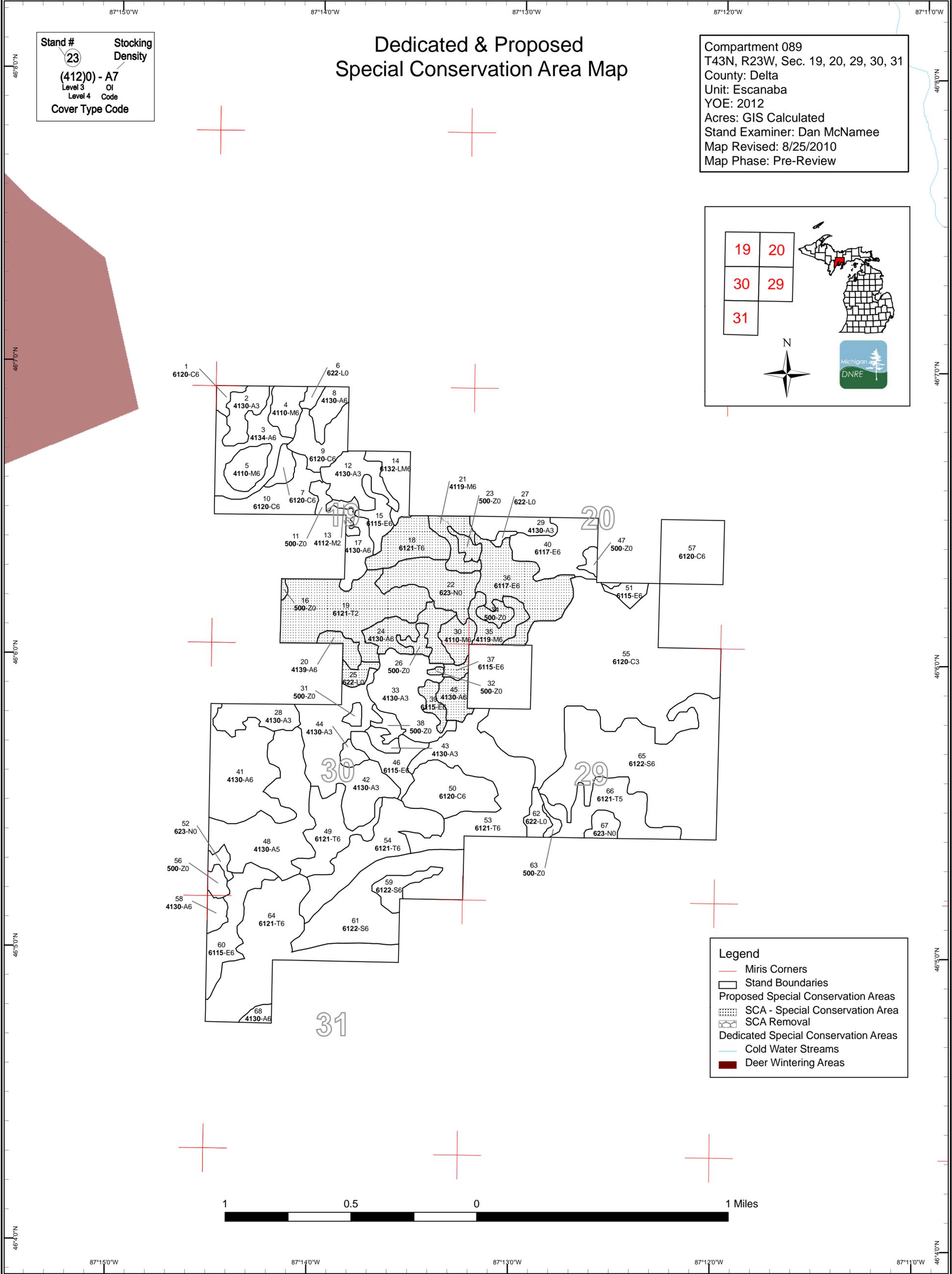
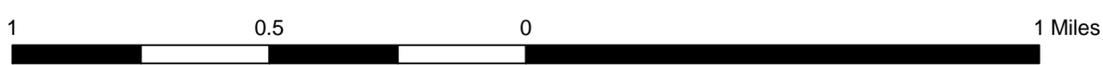
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Legend

- Miris Corners
- Stand Boundaries
- Proposed Special Conservation Areas
- ▨ SCA - Special Conservation Area
- ▩ SCA Removal
- ▭ Dedicated Special Conservation Areas
- Cold Water Streams
- Deer Wintering Areas





7 – 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.

Data updated before 10:00 AM

Stand	SCA Type	SCA Name	Acres	Comments
18	Unique Site - SCA	33089018	26.4	SCA- Beaver floodings,wet meadows, and mature forest patches that provide habitat for riparian wildlife.
19	Unique Site - SCA	33089019	74.3	SCA- Beaver floodings,wet meadows, and mature forest patches that provide habitat for riparian wildlife.
20	Unique Site - SCA	33089020	7.4	SCA- Beaver floodings,wet meadows, and mature forest patches that provide habitat for riparian wildlife.
21	Unique Site - SCA	33089021	9.8	SCA- Beaver floodings,wet meadows, and mature forest patches that provide habitat for riparian wildlife.If possible treat the east side of this stand. Try to move stand into large diameter class trees.
21	Unique Site - SCA	33089021_small	4.5	SCA- Beaver floodings,wet meadows, and mature forest patches that provide habitat for riparian wildlife.This stand (21small), treat to move stand into large diameter class trees.
24	Unique Site - SCA	33089024	25.5	SCA- Beaver floodings,wet meadows, and mature forest patches that provide habitat for riparian wildlife.
30	Unique Site - SCA	33089030	11.9	SCA- Beaver floodings,wet meadows, and mature forest patches that provide habitat for riparian wildlife.
35	Unique Site - SCA	33089035	15.3	SCA- Beaver floodings,wet meadows, and mature forest patches that provide habitat for riparian wildlife.
36	Unique Site - SCA	33089036	48.9	SCA- Beaver floodings,wet meadows, and mature forest patches that provide habitat for riparian wildlife.
37	Unique Site - SCA	33089037	3.5	SCA- Beaver floodings,wet meadows, and mature forest patches that provide habitat for riparian wildlife.
39	Unique Site - SCA	33089039	6.8	SCA- Beaver floodings,wet meadows, and mature forest patches that provide habitat for riparian wildlife.
45	Unique Site - SCA	33089045	11.4	SCA- Beaver floodings,wet meadows, and mature forest patches that provide habitat for riparian wildlife.
16	Unique Site - SCA	NF_33089016	1.0	SCA- Beaver floodings,wet meadows, and mature forest patches that provide habitat for riparian wildlife.



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Stand	SCA Type	SCA Name	Acres	Comments
22	Unique Site - SCA	NF_33089022	33.5	SCA- Beaver floodings,wet meadows, and mature forest patches that provide habitat for riparian wildlife.
23	Unique Site - SCA	NF_33089023	5.0	SCA- Beaver floodings,wet meadows, and mature forest patches that provide habitat for riparian wildlife.
25	Unique Site - SCA	NF_33089025	5.9	SCA- Beaver floodings,wet meadows, and mature forest patches that provide habitat for riparian wildlife.
26	Unique Site - SCA	NF_33089026	5.1	SCA- Beaver floodings,wet meadows, and mature forest patches that provide habitat for riparian wildlife.
32	Unique Site - SCA	NF_33089032	1.0	SCA- Beaver floodings,wet meadows, and mature forest patches that provide habitat for riparian wildlife.
34	Unique Site - SCA	NF_33089034	5.9	SCA- Beaver floodings,wet meadows, and mature forest patches that provide habitat for riparian wildlife.



Stand	Cover Type	Acres	Gen Cmts:
6	6220 - Alder/willow	3.5	Beaver Flooding, dead standing timber, tag alder.
11	50 - Water	8.2	Beaver Pond.
16	50 - Water	1.0	Beaver Pond.
22	623 - Emergent Wetland	33.5	Old beaver pond, now is bog with blueberry and leatherleaf.
23	50 - Water	5.0	Old beaver flooding filling in with catails and willow. only water is along road edge on east side of stand.
25	622 - Lowland Shrub	5.9	Dried up beaver pond, filling in with grasses, willow and tag alder.
26	50 - Water	5.1	Old beaver flooding, filling in with grass, willow still has water
27	622 - Lowland Shrub	1.8	Lowland shrub with scattered black ash. this was an old beaver flooding but is filling in with tag alder, Rm and Fb.
31	50 - Water	2.9	Beaver Flooding.
32	50 - Water	1.0	Beaver Flooding.
34	50 - Water	5.9	Tag alder with scattered dead timber. Old beaver flooding.
38	50 - Water	5.6	Old beaver dam, Dead standing timber.
47	50 - Water	4.1	South edge of beaver flooding.
52	623 - Emergent Wetland	4.3	Old beaver flooding, filling in with tag alder.
56	50 - Water	5.4	Beaver flooding.
62	622 - Lowland Shrub	7.9	Willow and tag alder.
63	50 - Water	2.4	Beaver pond.
67	623 - Emergent Wetland	7.5	Old beaver flooding,

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5 – Forested Stands

Data updated before 10:00 AM

Compartment: 089

Year of Entry: 2012



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	6120 - Lowland Cedar	High Density Pole	4.7	70		Mainly cedar, 1 - 2 sticks tall, small dbh (7"). Fb, Ash and Wb scattered throughout the stand.
2	4130 - Aspen	High Density Sapling	15.6	5		Treated in 2005 under permit 330060201, Days River Headwater. Small patches of hardwood thinned and included in this stand.
3	4134 - Aspen, Spruce/Fir	High Density Pole	29.1	35		
4	4110 - Sugar Maple Association	High Density Pole	14.0	72	81-110	Small patch of younger timber in NE Corner of stand (mix of A, Rm, Sm, Fb, Sp.). Some good maple regen in places.
5	4110 - Sugar Maple Association	High Density Pole	15.0	72	81-110	Excellent maple regen ranging from 1' - 20' feet tall. Stand was treated in 2005 under contrac 330060201, Days River Headwater Sale.
7	6120 - Lowland Cedar	High Density Pole	6.7	100		Good quality cedar, straight 3-4 sticks, 9"dbh.
8	4130 - Aspen	High Density Pole	11.8	23		Fully stocked stand (A, P, Fb). South tip has 1-2 acre patch of mature timber, predominately Aspen.
9	6120 - Lowland Cedar	High Density Pole	22.8	110		Poor quaiy cedar. Heavy tag alder understory.
10	6120 - Lowland Cedar	High Density Pole	29.8	105		Predominately cedar with Tam and Sp.. Pockets of Rm, Wb scattered throughout.
12	4130 - Aspen	High Density Sapling	25.4	33		Beaver are active in this stand. They are blocking the drainage that flows from West to East. North part of stand contains P with A, South part is predominately A with some pockets of P. There is some maple regen in the understory.
13	4112 - Maple, Beech, Cherry Association	Medium Density	2.6	15		Stand is filling in with Rm. This was part of stand 11 and the beaver cut the young aspen. This area is filling in with Rm on the uplands and Willow, tag alder on the lowlands.
14	6132 - Mixed Lowland Forest with Cedar	High Density Pole	17.1	70		Southern tip has Rm, A, Wb on a ridge. North is predominately black ash and cedar with other mixed lowland Hdwds. Small run of timber.
15	6115 - Lowland Ash	High Density Pole	12.2	70		
17	4130 - Aspen	High Density Pole	14.2	56		Access will be tough. Winter will have to be good and permission from landowner to the NW will be needed. If Plum Creek decides to harvest their timber to the west maybe we can piggyback and do a negotiated sale. This is a Limited Factor Stand.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
18	6121 - Tamarack	High Density Pole	26.4	60		SCA - Beaver floodings, wet meadows, and mature forest patches that provide seclusion and habitat attributes for riparian wildlife.
19	6121 - Tamarack	Medium Density	74.3	30		SCA- Beaver floodings, wet meadow, and mature forest patches that provide seclusion and habitat attributes for riparian wildlife. Bog area that is filling in with T, Sp, C. Some of the Tamarack is 1 stick but majority is submerchantable. There are pockets of cedar scattered throughout this stand.
20	4139 - Aspen, Mixed Deciduous	High Density Pole	7.4	72		SCA- beaver floodings, wet meadow, and mature forest patches that provide seclusion and habitat attributes for riparian wildlife.
21	4119 - Mixed Northern Hardwoods	High Density Pole	14.3	72	81-110	SCA- beaver floodings, wet meadows, and mature forest patches that provide seclusion and habitat attributes for riparian wildlife.
24	4130 - Aspen	High Density Pole	25.5	65		SCA- beaver floodings, wet meadow, and mature forest patches the provide seclusion and habitat for riparian wildlife.
28	4130 - Aspen	High Density Sapling	19.8	5		Treated in 2005 under contract 330040201, Leftover Aspen Sale.
29	4130 - Aspen	High Density Sapling	15.1	19		Nice stand of fully stocked aspen with pockets of balm. Stand was treated under contract 330089002.
30	4110 - Sugar Maple Association	High Density Pole	11.9	72	51-80	Primarily Sm stand. Avg BA for stand is 90.
33	4130 - Aspen	High Density Sapling	44.3	5		Stand treated in 2005 under contract 330040201, Leftover Aspen Sale. There is a pocket of lowlandconifer in the middle of stand (includes T, C and Spruce).
35	4119 - Mixed Northern Hardwoods	High Density Pole	15.3	70	1-50	Residual Rm and Fb, 7-8"dbh, 3 sticks tall. Balm and Aspen is regenerating where stand has been opened up. Treated in 1998 under permit 330299201, Beaver Flooding Aspen.
36	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	48.9	78		SCA- Beaver floodings, wet meadows and mature forest patches that provide seclusion and habitat attributes for riparian wildlife. Primarily black ash, Rm, Wb with C, Fb and T. Tam and cedar are heavy in some areas and the Fb is scattered throughout. Very wet ground. The NW corner of stand contains an area of Tamarack.
37	6115 - Lowland Ash	High Density Pole	3.5	62		
39	6115 - Lowland Ash	High Density Pole	6.8	62		
40	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	36.4	80		Very wet. Thick tag alder in understory.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
41	4130 - Aspen	High Density Pole	61.7	42		Stand is approximately 42 years old, good quality 8-10"dbh, 4-5 sticks tall.
42	4130 - Aspen	High Density Sapling	71.8	12		Low ground=P3; High Ground=A3. Rm, Ch, Willow in understory. Stand has low wet areas that run N & S. Those areas contain more P than A, but overall stand is a A3/A4. Stand was treated under contract 330049201, Days River Headwater.
43	4130 - Aspen	High Density Sapling	5.2	5		Treated in 2005, under contract 330040201, Leftover Aspen sale. Excellent Regeneration.
44	4130 - Aspen	High Density Sapling	4.8	5		Treated in 2005 under contract 330040201, Leftover Aspen Sale
45	4130 - Aspen	High Density Pole	11.4	66		SCA- beaver floodings, wet meadow and patches of mature forest that provide seclusion and habitat for riparian wildlife.
46	6115 - Lowland Ash	High Density Pole	18.4	61		
48	4130 - Aspen	Medium Density Pole	75.1	35		Treated in 1975. Stand is not in need of treatment at this time. Look at harvesting in the next treatment period. Lots of Rm regeneration in the SW corner of stand.
49	6121 - Tamarack	High Density Pole	33.3	56		Nice quality tamarack. 8-10"dbh, 4-5 sticks tall. Tam BA=50, Spr BA=20, Wb=10
50	6120 - Lowland Cedar	High Density Pole	37.3	80		Heavy to cedar with tamarack and spruce mixed in.
51	6115 - Lowland Ash	High Density Pole	6.5	62		Very wet. Small diameter 5-6"dbh, 1 stick tall
53	6121 - Tamarack	High Density Pole	80.8	60		Some large tamarack and spruce, majority is 5-7"dbh. Scattered patches of cedar to the east, more tam and spr to the west. No treatment is needed
54	6121 - Tamarack	High Density Pole	51.7	60		Almost pure Tamarack. Small run of timber 5-7"dbh, 2-3 sticks, let go another 10 yrs to see if the dbh >. If it doesn't then harvest. Merchantable Tam BA=20.
55	6120 - Lowland Cedar	High Density Sapling	234.0	82		Cedar and Tamarack are small diameter and short, quality is poor. Lots of cedar regen 6"- 6' tall. South edge has bigger timber, 3 sticks and 7-8" dbh. Merchantable Cedar BA=20, Tamarack BA=10, Spruce BA=20.
57	6120 - Lowland Cedar	High Density Pole	40.5	82		Cedar and Tamarack are small diameter and short poor quality. Lots of cedar regen in the understory 6"-6' tall. Merchantable BA for C=20, Spr=20 and T=10.

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5 – Forested Stands

Data updated before 10:00 AM

Compartment: 089

Year of Entry: 2012



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
58	4130 - Aspen	High Density Pole	6.3	25		Beaver activity along SW edge. Young fully stocked stand. Northeast pocket has beaver very active, where popple has been cut by beaver; Rm is filling in very heavy.
59	6122 - Black Spruce	High Density Pole	11.7	68		Open, sparse, small diameter timber. Tag alder is heavy in the understory.
60	6115 - Lowland Ash	High Density Pole	29.7	82		Very wet, small diameter timber.
61	6122 - Black Spruce	High Density Pole	78.9	75		Edge of stand contains bigger timber (7-8"db, 3-4 sticks tall). Middle of stand contains smaller timber (4-7"dbh, 1-2 sticks). BA/Spp. Spr=40, Tam=10.
64	6121 - Tamarack	High Density Pole	95.4	67		Small timber, decent quality, have to wait and see if timber will increase in dbh and height, dbh=4-7" height=1-2 stick with occasional 3-4 stick tree. BA/Spp; Tam=30, Spruce, Cedar and Wb are scattered and =10sq ft altogether.
65	6122 - Black Spruce	High Density Pole	147.1	76		Good quality spruce and tamarack, 8"dbh, 4 sticks tall. Wb and Rm 4-6"dbh, lots of Rm in the understory.
66	6121 - Tamarack	Medium Density Pole	41.0	76		Scattered clumps of tamarack, open areas are heavy to tag alder.
68	4130 - Aspen	High Density Pole	4.4	39		Small upland of timber. Access is restricted by private land. Landowner to the south would have to be contacted for access when stand is ready for harvest, possibly next treatment period.



Data updated before 10:00 AM

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Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
4 33089004-Cut	14.0	4110 - Sugar Maple Association	High Density Pole	72	Harvest	Group Selection	Sugar Maple Association	Cmpt. Review Proposal

Prescription Open stand up, thin to residual BA of 70-80. Create canopy gaps where there is established maple regen.

Specs:

Other

Comment:

Next

Steps:

Limiting Factor and No Treatment Reason

2A: Adjacent landowner denies access

Should be able to gain access from landowner to the east, but just in case they deny access apply the limited factor.

5 33089005-Cut	15.0	4110 - Sugar Maple Association	High Density Pole	72	Harvest	Group Selection	Sugar Maple Association	Cmpt. Review Proposal
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Prescription Create canopy gaps by dropping the residual BA to 30-40. This will allow the established regen to grow

Specs:

Other

Excellent maple regen over entire area of this stand.

Comment:

Next

Steps:

Limiting Factor and No Treatment Reason

2A: Adjacent landowner denies access

Should be able to gain access from landowner to the east, but just in case we are unable to stand will be limited factored.

17 33089017-Cut	14.2	4130 - Aspen	High Density Pole	56	Harvest	Clearcut	Aspen	Cmpt. Review Proposal
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Prescription

Specs:

Other

Comment:

Next

Steps:

Limiting Factor and No Treatment Reason

2G: Blocked by physical obstacle

Should be able to gain access but will need permission from landowner to the northeast. Access is also questionable because of beaver pond in the area.

**Total Treatment
Acreage Proposed: 43.2**



Stand	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
21	33089021_sm all-Cut	4.5	4119 - Mixed Northern Hardwoods	High Density Pole	72	Harvest	Single Tree Selection	Mixed Northern Hardwoods	Cmpt. Review Proposal

Prescription Mark stand down to 70 BA. Begin 'Big Tree' management.

Specs:

Other

Comments:

Next

Steps:

41	33089041-Cut	61.7	4130 - Aspen	High Density Pole	42	Harvest	Clearcut	Aspen	Cmpt. Review Proposal
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Prescription Possibly clear cut now for age class distribution.

Specs:

Other

Comments:

Next

Steps:

49	33089049-Cut	33.3	6121 - Tamarack	High Density Pole	56	Harvest	Seed Tree with Reserves	Tamarack	Cmpt. Review Proposal
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Prescription Harvest using the seed tree method. Leave 1 good quality seed tree every 33'.

Specs:

Other

Comments: Harvest using the seed tree method. Leave 1 good quality seed tree every 33'.

Next

Steps:

65	33089065-Cut	147.1	6122 - Black Spruce	High Density Pole	76	Harvest	Seed Tree with Reserves	Black Spruce	Cmpt. Review Proposal
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Prescription Treat stand if access is gained, will need a cold winter. Leave clumps of 10 -12-trees scattered throughout sale area. Check with TMS on how many clumps/ acre to leave.

Specs:

Other

Comments: Good quality spruce and tamarack, 8"dbh, 4 sticks tall. Wb and Rm 4-6"dbh, lots of Rm in the understory.

Next

Steps:

**Total Treatment
Acreage Proposed: 246.6**



Table 2 – Proposed Treatment Summaries

Data updated before 10:00 AM

Escanaba Mgt. Unit
Year of Entry 2012

Compartment 089
Total Compartment Acres: 1829

Acres by Treatment Type

Commercial Harvest - 290	Site Prep - 0	Tree Planting - 0	Prescribed Burn - 0	Other - 0
Habitat Cut - 0	Opening Maintenance - 0	Tree Seeding - 0	Pesticide - 0	

Cover Type by Harvest Method

	Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
Aspen	76	0	0	0	0	0	76
Lowland Spruce/Fir	0	0	147	0	0	0	147
Northern Hardwood	0	34	0	0	0	0	34
Tamarack	0	0	33	0	0	0	33
Total	76	34	180	0	0	0	290

Table 1 – Total Acres by Cover Type and Age Class

Data updated before 10:00 AM



	Age Class														Total	
	Non-Forested	1-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120 +		Uneven Age
Aspen	0	90	87	18	134	62	14	37	7	0	0	0	0	0	0	449
Cedar	0	0	0	0	0	0	0	0	5	312	0	36	23	0	0	376
Lowland Deciduous	0	0	0	0	0	0	0	35	61	66	0	0	0	0	0	162
Lowland Mixed Forest	0	0	0	0	0	0	0	0	17	0	0	0	0	0	0	17
Lowland Shrub	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
Lowland Spruce/Fir	0	0	0	0	0	0	0	12	226	0	0	0	0	0	0	238
Marsh	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45
Northern Hardwood	0	0	3	0	0	0	0	0	71	0	0	0	0	0	0	73
Tamarack	0	0	0	0	74	0	33	254	41	0	0	0	0	0	0	403
Water	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47
Total	111	90	89	18	208	62	48	338	428	378	0	36	23	0	0	1829



8 – DEDICATED CONSERVATION AREA DETAILS

* This is a list of Dedicated Biodiversity Areas for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to Dedicated Conservation Area Map for areas that the below listed Conservation Areas are located.

Data updated before 10:00 AM

ERA = Ecological Reference Area
HCVA = High Conservation Value Area
SCA = Special Conservation Area

Conservation Area	Type	Description
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