



**Baraga Forest Management Unit
Compartment Review Presentation**
Compartment #22 Entry Year: 2012
Compartment Acreage: 2,376 County: Baraga

Revision Date: 7/14/2010

Stand Examiner: Fred Hansen

Legal Description:

Baraga County. Covington Township.
T48N; R33W. Sec. 8, 9, 16, 20, 21, 22, 27, 28, 29

RMU (if applicable):

Management Goals: To maintain a healthy; sustainable forest with special consideration to wildlife and fisheries habitat.

Soil and Topography: Terrain is level to rolling with low ridges, and broad wetlands. Soils are Carbondale and Tacoosh mucks, Dawson and Greenwood peats, Champion Cobbly silt loams, and Champion-Net-Michigamme complex.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Cover types are the same on adjacent ownerships. Adjacent landowners are primarily private individuals. Lands to the south are primarily owned by the State.

Unique, Natural Features: Vermilac Lake and Parent Lake are included in this compartment.

Archeological, Historical, and Cultural Features: None identified.

Special Management Designations or Considerations: None identified.

Watershed and Fisheries Considerations: Parent Lake is part of this compartment. The Vermilac River crosses a small part of this compartment and is not listed as a trout stream. Maintain best management practices when cutting near this stream.

Wildlife Habitat Considerations: This compartment provides valuable wildlife habitat to grouse, deer, bear, furbearers, woodland raptors and neo tropical migrant song birds. Moose are of particular importance in this area and frequent this compartment. Accordingly, management activities which conserve deep shade

adjacent to aquatic feedings sites is desired for thermal regulation of moose during the summer. Maintenance of wildlife movement corridors particularly along riparian influence zones is a wildlife emphasis. Along with improvement of within stand structural and species composition of hardwood associations through under planting of conifer species such as eastern hemlock.

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of peat and muck and an end moraine of coarse-textured till, some areas thin to discontinuous. There is insufficient data to determine the Glacial Drift thickness. The Precambrian Michigamme Formation subcrops below the glacial drift. There is not a current economic use for the Michigamme. The nearest gravel pit is located one mile to the northeast and potential appears to be good on the upland areas. The closest iron mines are located ten miles to the north and are abandoned. None of the State land in this area has been leased for metallic exploration. There is no economic oil and gas production in the UP.

Vehicle Access: Vehicle access to the compartment is by means of US-41/M-28, Old M-28 and the Murphy Rd. which ends approximately ¼ mile east of the Murphy River in the NENE of sec. 25. An all season two-track road extends from the county road, eastward to the Vermilac River, thence south for approximately ½ mile. The balance of the road system in the compartment is limited to 4x4, and ORV traffic. Much of the area is very wet, and is limited to winter access.

Survey Needs: Some survey work will need to be done to facilitate timber harvest activities.

Recreational Facilities and Opportunities: Parent Lake access site and the North East end of Vermilac Lake are in this compartment.

Fire Protection: This is not a fire prone area. The rugged terrain and lack of all season roads could hinder fire operations if ever needed.

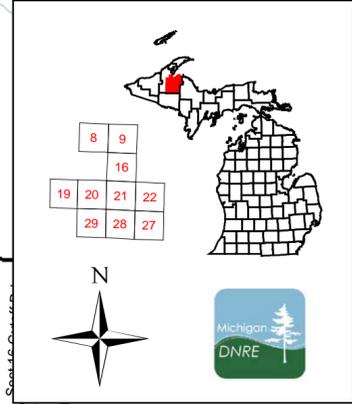
Additional Compartment Information:

- **The following 5 reports from the Operations Inventory System (OIPC) are attached:**
 - ◆ **Cover Type by Age Class**
 - ◆ **Cover Type by Management Objective**
 - ◆ **Compartment Volume Summary**
 - ◆ **Proposed Treatments – No Limiting Factors**
 - ◆ **Proposed Treatments – With Limiting Factors**

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

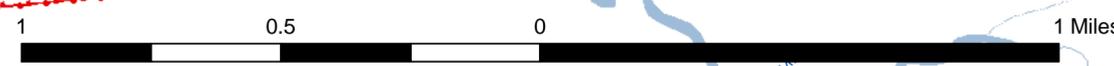
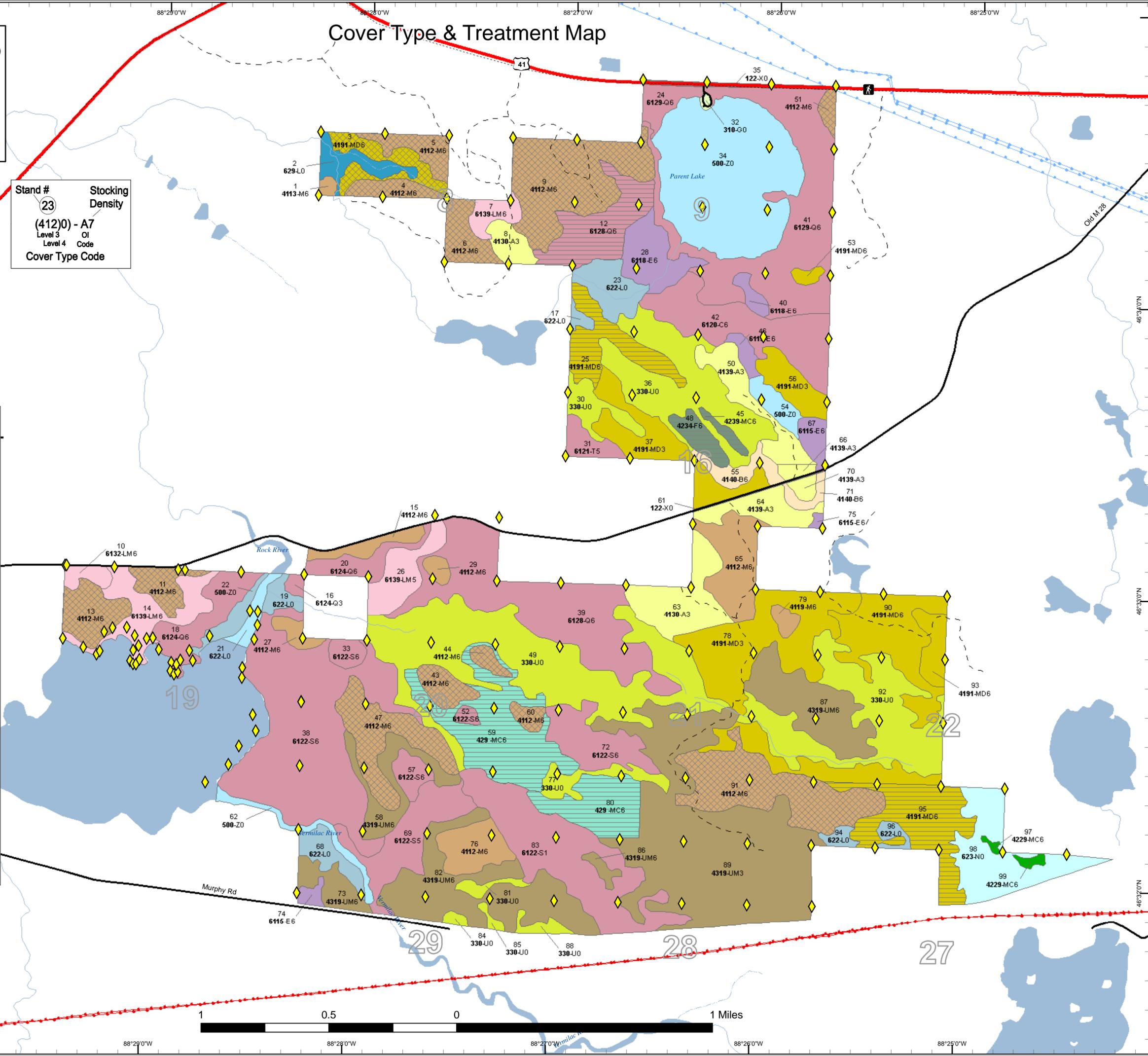
Cover Type & Treatment Map

Compartment 22
 T48N, R33W, Sec. 8,9,16,19-22,27-29
 County: Baraga
 Unit: Baraga
 YOE: 2012
 Acres: 1,831 GIS Calculated
 Stand Examiner: Fred Hansen
 Map Revised: 4/07/2010
 Map Phase: Pre-Review



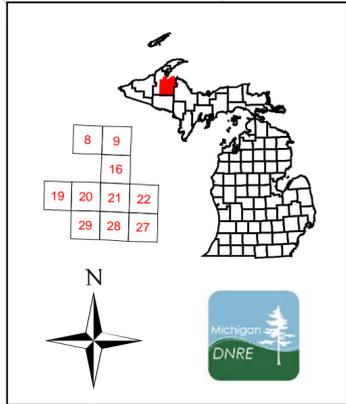
Stand # **23**
 Stocking Density
 (412)0 - A7
 Level 3 OI
 Level 4 Code
 Cover Type Code

- Legend**
- ◆ GMM Survey Corners
 - Pipe
 - Power
 - Highway
 - Paved Roads
 - Poor Dirt Roads
 - US Highway
 - Trails
 - Hiking Trails
 - Intermittent Stream/Drain
 - Stream
 - Lakes and Rivers
- Treatments**
- Clearcut (w/Reserves, Patch/Strip)
 - Selection (Group, Single Tree)
- Forest Stands**
- 411 - Northern Hardwood
 - 413 - Aspen Types
 - 414 - Other Upland Deciduous
 - 419 - Mixed Upland Deciduous
 - 422 - Natural Pines
 - 423 - Other Upland Conifers
 - 429 - Mixed Upland Conifers
 - 431 - Upland Mixed Forest
 - 611 - Lowland Deciduous Forest
 - 612 - Lowland Coniferous Forest
 - 613 - Lowland Mixed Forest
- Non-Forest Stands**
- 122 - Road/Parking Lot
 - 310 - Herbaceous Openland
 - 330 - Low-Density Trees
 - 500 - Water
 - 622 - Lowland Shrub
 - 623 - Emergent Wetland
 - 629 - Mixed non-forested wetland



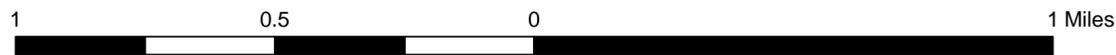
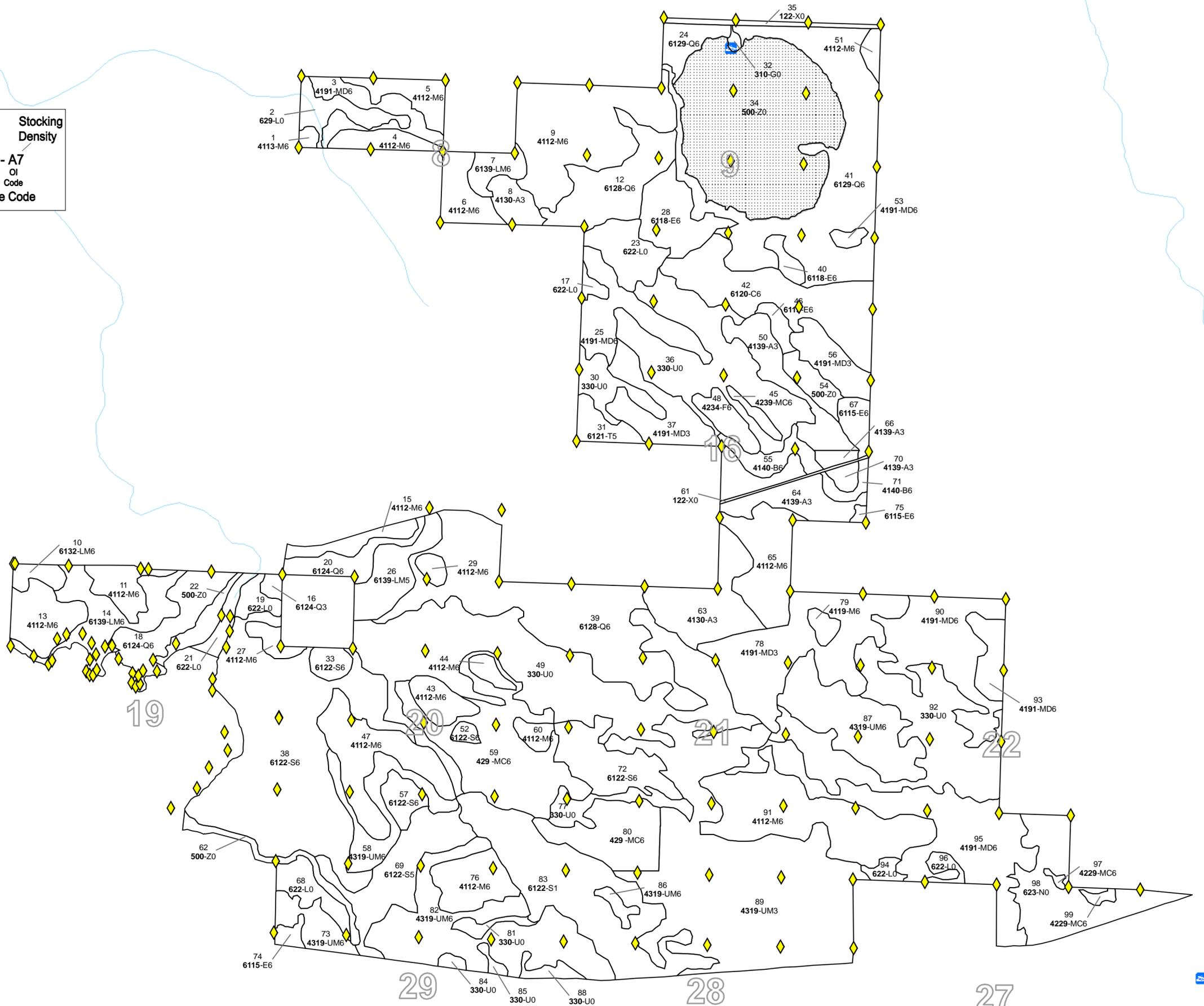
Dedicated & Proposed Special Conservation Area Map

Compartment 22
 T48N, R33W, Sec. 8,9,16,19-22,27-29
 County: Baraga
 Unit: Baraga
 YOE: 2012
 Acres: 1,831 GIS Calculated
 Stand Examiner: Fred Hansen
 Map Revised: 4/07/2010
 Map Phase: Pre-Review



Stand #
 23
Stocking Density
 (412)0 - A7
 Level 3 OI
 Level 4 Code
Cover Type Code

- Legend**
- GMM Survey Corners
 - Stand Boundaries
 - Proposed Special Conservation Areas
 - SCA - Special Conservation Area
 - Dedicated Special Conservation Areas
 - Cold Water Streams
 - Boat Access Sites
 - Campgrounds



88°31'0"W 88°30'0"W 88°29'0"W 88°28'0"W 88°27'0"W 88°26'0"W 88°25'0"W

46°34'0"N

46°33'0"N

46°32'0"N

46°35'0"N

46°34'0"N

46°33'0"N

46°32'0"N

Table 1 – Total Acres by Cover Type and Age Class
(Level 3 Cover Type)



	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 Types	0	83	50	0	0	0	0	0	0	0	0	0	0	0	0	133
Emergent Wetland	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
Herbaceous Openland	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
Low-Density Trees	465	0	0	0	0	0	0	0	0	0	0	0	0	0	465	
Lowland Coniferous Forest	0	0	0	0	0	0	0	0	56	0	535	116	202	0	965	
Lowland Deciduous Forest	0	0	0	0	0	0	0	0	0	0	5	7	0	0	67	
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	9	43	0	0	96	
Lowland Shrub	80	0	0	0	0	0	0	0	0	0	0	0	0	0	80	
Mixed non-forested wetland	18	0	0	0	0	0	0	0	0	0	0	0	0	0	18	
Mixed Upland Conifers	0	0	0	0	0	0	0	0	0	0	45	0	0	0	135	
Mixed Upland Deciduous	0	24	149	0	0	88	0	0	0	0	4	0	108	0	437	
Natural Pines	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4	
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	7	0	0	0	495	
Other Upland Conifers	0	0	0	0	0	0	0	0	0	0	0	0	19	0	19	
Other Upland Deciduous	0	0	0	0	0	0	0	0	0	0	16	0	0	0	22	
Road/Parking Lot	11	0	0	0	0	0	0	0	0	0	0	0	0	0	11	
Upland Mixed Forest	0	257	0	0	0	0	0	0	0	0	127	0	0	0	482	
Water	221	0	0	0	0	0	0	0	0	0	0	0	0	0	221	
Total	863	364	199	0	0	88	0	0	56	0	747	166	334	0	3719	



Table 2 – Proposed Treatment Summaries

Baraga Mgt. Unit
Year of Entry 2012

Compartment 022
Total Compartment Acres: 3719

Acres by Treatment Type

Commercial Harvest - 730	Site Prep - 0	Tree Planting - 0	Prescribed Burn - 0	Other - 184
Habitat Cut - 0	Opening Maintenance - 0	Tree Seeding - 0	Pesticide - 0	

Cover Type by Harvest Method

	<i>Clearcut</i>	<i>Selection</i>	<i>Seed Tree</i>	<i>Shelterwood</i>	<i>Thinning</i>	<i>Other - Specify</i>	<i>Total Acres</i>
Lowland Conifers	52	0	0	0	0	0	52
Lowland Spruce/Fir	4	0	0	0	0	0	4
Mixed Upland Deciduous	110	25	0	0	0	0	135
Northern Hardwood	0	385	0	0	0	0	385
Upland Conifers	149	0	0	0	0	0	149
Upland Spruce/Fir	5	0	0	0	0	0	5
Total	320	410	0	0	0	0	730

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Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective
3 11022003-Cut	25.4	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	99	Harvest	Single Tree Selection	Mixed Upland Deciduous with Conifer

Prescription Target BA 40-60. Remove balsam over 8" to regenerate cherry and pine.

Specs:

Other Wildlife wants to encourage long life conifer.

Comments:

Next
Steps:

4 11022004-Cut	14.3	4112 - Maple, Beech, Cherry Association	High Density Pole	99	Harvest	Single Tree Selection	Maple, Beech, Cherry Association
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Prescription Thin hardwoods to 85 BA. Retain all snags that do not pose a safety hazard. For further assistance refer to The Complete Marker. refer to The

Specs: Complete Marker.

Other

Comments:

Next underplant after harvest completion with Hemlock or/and Pine.

Steps:

5 11022005-Cut	18.9	4112 - Maple, Beech, Cherry Association	High Density Pole	99	Harvest	Single Tree Selection	Maple, Beech, Cherry Association
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Prescription Thin hardwood to 85 BA. Retain all snags that do not pose a safety hazard. For further assistance refer to The Complete Marker.

Specs:

Other

Comments:

Next underplant after harvest completion with Hemlock or/and Pine.

Steps:

6 11022006-Cut	22.1	4112 - Maple, Beech, Cherry Association	High Density Pole	99	Harvest	Single Tree Selection	Maple, Beech, Cherry Association
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Prescription Thin hardwood to 85 BA. Retain all snags that do not pose a safety hazard. For further assistance refer to The Complete Marker.

Specs:

Other

Comments:

Next underplant after harvest completion with Hemlock or/and Pine.

Steps:

9 11022009-Cut	98.8	4112 - Maple, Beech, Cherry Association	High Density Pole	99	Harvest	Single Tree Selection	Maple, Beech, Cherry Association
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Prescription Thin hardwood to 85 BA. Retain all snags that do not pose a safety hazard. For further assistance refer to The Complete Marker.

Specs:

Other

Comments:

Next underplant after harvest completion with Hemlock or/and Pine.

Steps:

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Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective
11 11022011-Cut	18.8	4112 - Maple, Beech, Cherry Association	High Density Pole	99	Harvest	Single Tree Selection	Maple, Beech, Cherry Association
<u>Prescription</u> Thin hardwood to 85 BA. Oak should be released on 3 sides to an average BA of 60. Retain all snags that do not pose a safety hazard. For <u>Specs:</u> further assistance refer to The Complete Marker. <u>Other Comments:</u> <u>Next Steps:</u> underplant after harvest completion with Hemlock or/and Pine.							
12 11022012-Cut	52.5	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	100	Harvest	Clearcut with Reserves	Lowland Coniferous, Mixed Deciduous
<u>Prescription</u> Reserve all cedar and white pine. Extra care should be taken to protect cedar. <u>Specs:</u> <u>Other Comments:</u> <u>Next Steps:</u>							
13 11022013-Cut	30.0	4112 - Maple, Beech, Cherry Association	High Density Pole	99	Harvest	Single Tree Selection	Maple, Beech, Cherry Association
<u>Prescription</u> Thin hardwood to 85 BA. Oak should be released on 3 sides to an average BA of 60. Retain all snags that do not pose a safety hazard. For <u>Specs:</u> further assistance refer to The Complete Marker. <u>Other Comments:</u> <u>Next Steps:</u> underplant after harvest completion with Hemlock or/and Pine.							
25 11022025-Cut	40.0	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	99	Harvest	Clearcut with Reserves	Mixed Upland Deciduous with Conifer
<u>Prescription</u> Ccut with reserves, Poor quality Hdwds. Management Objective-Birch/aspens/fir. Retain some birch for seed. North end of stand is <u>Specs:</u> inaccessible(big rock knob). Retain all cedar. <u>Other Comments:</u> <u>Next Steps:</u> Check regeneration within 4 years of harvest completion.							
45 11022045-Cut	14.2	42390 - Mixed Non-Pine Upland Conifers	High Density Pole	110	Harvest	Clearcut	Mixed Non-Pine Upland Conifers
<u>Prescription</u> Cut all trees <u>Specs:</u> <u>Other Comments:</u> <u>Next Steps:</u>							

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Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective
48 11022048-Cut	5.3	42340 - Upland Spruce/Fir	High Density Pole	110	Harvest	Clearcut	Upland Spruce/Fir
<u>Prescription</u> cut all trees							
<u>Specs:</u>							
<u>Other Comments:</u>							
<u>Next Steps:</u>							
51 11022051-Cut	5.6	4112 - Maple, Beech, Cherry Association	High Density Pole	99	Harvest	Single Tree Selection	Maple, Beech, Cherry Association
<u>Prescription</u> Thin hardwood to 85 BA. Retain all snags that do not pose a safety hazard. For further assistance refer to The Complete Marker.							
<u>Specs:</u>							
<u>Other Comments:</u> Old camp in stand.							
<u>Next Steps:</u>							
91 11022091-Cut	92.6	4112 - Maple, Beech, Cherry Association	High Density Pole	99	Harvest	Single Tree Selection	Maple, Beech, Cherry Association
<u>Prescription</u> Thin hardwood to 85 BA. Oak (if present) should be released on 3 sides to an average BA of 60. Retain all snags that do not pose a safety hazard. For further assistance refer to The Complete Marker.							
<u>Specs:</u>							
<u>Other Comments:</u>							
<u>Next Steps:</u> If access is sufficient underplant after harvest completion with Hemlock or/and Pine.							
95 11022095-Cut	69.5	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	110	Harvest	Clearcut with Reserves	Mixed Upland Deciduous with Conifer
<u>Prescription</u> cut all trees except cedar, pine and oak if present							
<u>Specs:</u>							
<u>Other Comments:</u> birch and aspen on the decline							
<u>Next Steps:</u>							
34 NF_11022034-Other	183.9	Unspecified		0	Other	Unspecified	Multiple/Other – Specify in Comments
<u>Prescription</u> plant wild rice							
<u>Specs:</u>							
<u>Other Comments:</u>							
<u>Next Steps:</u> pick and eat							

**Total Treatment
Acreage Proposed: 691.9**

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Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective
43 11022043-Cut	15.9	4112 - Maple, Beech, Cherry Association	High Density Pole	99	Harvest	Single Tree Selection	Maple, Beech, Cherry Association
<u>Prescription</u> Thin hardwood to 85 BA. Oak (if present) should be released on 3 sides to an average BA of 60. Retain all snags that do not pose a safety hazard. For further assistance refer to The Complete Marker. <u>Specs:</u>							
<u>Other Comment:</u>							
<u>Next Steps:</u> If access is sufficient underplant after harvest completion with Hemlock or/and Pine.							
<u>Limiting Factor and No Treatment Reason</u> 2D: Road needed							
44 11022044-Cut	6.6	4112 - Maple, Beech, Cherry Association	High Density Pole	99	Harvest	Single Tree Selection	Maple, Beech, Cherry Association
<u>Prescription</u> Thin hardwood to 85 BA. Oak (if present) should be released on 3 sides to an average BA of 60. Retain all snags that do not pose a safety hazard. For further assistance refer to The Complete Marker. <u>Specs:</u>							
<u>Other Comment:</u>							
<u>Next Steps:</u>							
<u>Limiting Factor and No Treatment Reason</u> 2D: Road needed							
47 11022047-Cut	54.2	4112 - Maple, Beech, Cherry Association	High Density Pole	99	Harvest	Single Tree Selection	Maple, Beech, Cherry Association
<u>Prescription</u> Thin hardwood to 85 BA. Oak (if present) should be released on 3 sides to an average BA of 60. Retain all snags that do not pose a safety hazard. For further assistance refer to The Complete Marker. <u>Specs:</u>							
<u>Other Comment:</u>							
<u>Next Steps:</u> If access is sufficient underplant after harvest completion with Hemlock or/and Pine.							
<u>Limiting Factor and No Treatment Reason</u> 2D: Road needed							
52 11022052-Cut	3.7	6122 - Black Spruce	High Density Pole	95	Harvest	Clearcut with Reserves	Black Spruce
<u>Prescription</u> Cut all trees except cedar if present. <u>Specs:</u>							
<u>Other Comment:</u>							
<u>Next Steps:</u>							
<u>Limiting Factor and No Treatment Reason</u> 2D: Road needed							

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Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective
59 11022059-Cut	89.9	429 - Mixed Upland Conifers	High Density Pole	105	Harvest	Clearcut with Reserves	Mixed Non-Pine Upland Conifers
<u>Prescription</u> Cut all trees except pine and cedar							
<u>Specs:</u>							
<u>Other</u> Retain white pine and cedar							
<u>Comment:</u>							
<u>Next</u> Check regeneration within 4 years of harvest completion.							
<u>Steps:</u>							
<u>Limiting Factor and No</u> 2D: Road needed							
<u>Treatment Reason</u>							
60 11022060-Cut	7.0	4112 - Maple, Beech, Cherry Association	High Density Pole	99	Harvest	Single Tree Selection	Maple, Beech, Cherry Association
<u>Prescription</u> Thin hardwood to 85 BA. Oak (if present) should be released on 3 sides to an average BA of 60. Retain all snags that do not pose a safety hazard. For further assistance refer to The Complete Marker.							
<u>Specs:</u>							
<u>Other</u>							
<u>Comment:</u>							
<u>Next</u> If access is sufficient underplant after harvest completion with Hemlock or/and Pine.							
<u>Steps:</u>							
<u>Limiting Factor and No</u> 2D: Road needed							
<u>Treatment Reason</u>							
80 11022080-Cut	45.2	429 - Mixed Upland Conifers	High Density Pole	95	Harvest	Clearcut with Reserves	Mixed Non-Pine Upland Conifers
<u>Prescription</u> cut all trees except pine and cedar							
<u>Specs:</u>							
<u>Other</u> Stand under contract							
<u>Comment:</u>							
<u>Next</u>							
<u>Steps:</u>							
<u>Limiting Factor and No</u> 1F: Other dept or div proc/practices							
<u>Treatment Reason</u> Currently under contract with TSI Logging INC., "Fault Again Fir" 11-015-06-01							

**Total Treatment
Acreage Proposed: 222.4**

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Baraga Mgt. Unit

5 – Forested Stands
Inventory Method: IFMAPCompartment: 022
Year of Entry: 2012

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	4113 - R.Maple, Conifer	High Density Pole	2.9	Uneven Age		
3	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	25.4	Uneven Age	81-110	
4	4112 - Maple, Beech, Cherry Association	High Density Pole	14.3	Uneven Age	111-140	
5	4112 - Maple, Beech, Cherry Association	High Density Pole	18.9	Uneven Age	111-140	
6	4112 - Maple, Beech, Cherry Association	High Density Pole	22.1	Uneven Age	111-140	
7	6139 - Mixed Lowland Forest	High Density Pole	13.4	100	81-110	
8	4130 - Aspen	High Density Sapling	14.3	14		
9	4112 - Maple, Beech, Cherry Association	High Density Pole	98.8	Uneven Age	111-140	
10	6132 - Mixed Lowland Forest with Cedar	High Density Pole	8.7	90	111-140	
11	4112 - Maple, Beech, Cherry Association	High Density Pole	18.8	Uneven Age	111-140	
12	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	52.5	Uneven Age	111-140	
13	4112 - Maple, Beech, Cherry Association	High Density Pole	30.0	Uneven Age	111-140	
14	6139 - Mixed Lowland Forest	High Density Pole	43.9	Uneven Age	111-140	
15	4112 - Maple, Beech, Cherry Association	High Density Pole	13.6	Uneven Age	51-80	
16	6124 - Lowland Spruce- Fir	High Density Sapling	3.7	Uneven Age		
18	6124 - Lowland Spruce- Fir	High Density Pole	37.1	110		
20	6124 - Lowland Spruce- Fir	High Density Pole	19.6	110		
24	6129 - Mixed Coniferous Lowland Forest	High Density Pole	15.1	90	81-110	

S t a n d	Baraga Mgt. Unit		5 – Forested Stands			Compartment: 022	General Comments:
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Inventory Method: IFMAP	
25	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	40.0	Uneven Age	81-110		
26	6139 - Mixed Lowland Forest	Medium Density Pole	30.0	105	1-50		wet
27	4112 - Maple, Beech, Cherry Association	High Density Pole	8.1	Uneven Age			
28	6118 - Lowland Deciduous with Cedar	High Density Pole	35.2	Uneven Age	1-50		
29	4112 - Maple, Beech, Cherry Association	High Density Pole	5.7	Uneven Age	111-140		
31	6121 - Tamarack	Medium Density Pole	13.6	70			
33	6122 - Black Spruce	High Density Pole	9.1	90			
37	4191 - Mixed Upland Deciduous with Conifer	High Density Sapling	52.8	16			
38	6122 - Black Spruce	High Density Pole	206.8	90			
39	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	145.8	110	111-140		
40	6118 - Lowland Deciduous with Cedar	High Density Pole	7.0	Uneven Age	81-110		
41	6129 - Mixed Coniferous Lowland Forest	High Density Pole	154.3	90	81-110		
42	6120 - Lowland Cedar	High Density Pole	80.3	90	51-80		
43	4112 - Maple, Beech, Cherry Association	High Density Pole	15.9	Uneven Age	111-140		
44	4112 - Maple, Beech, Cherry Association	High Density Pole	6.6	99	111-140		
45	42390 - Mixed Non- Pine Upland Conifers	High Density Pole	14.2	110	81-110		
46	6115 - Lowland Ash	High Density Pole	6.7	100	51-80		
47	4112 - Maple, Beech, Cherry Association	High Density Pole	54.2	Uneven Age	111-140		



S t a n d	Baraga Mgt. Unit		5 – Forested Stands			Compartment: 022	General Comments:
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Year of Entry: 2012	
48	42340 - Upland Spruce/Fir	High Density Pole	5.3	110	1-50		
50	4139 - Aspen, Mixed Deciduous	High Density Sapling	33.0	6			
51	4112 - Maple, Beech, Cherry Association	High Density Pole	5.6	Uneven Age	81-110		
52	6122 - Black Spruce	High Density Pole	3.7	95			
53	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	4.1	90	1-50		
55	4140 - Other Upland Deciduous	High Density Pole	15.6	95	1-50		
56	4191 - Mixed Upland Deciduous with Conifer	High Density Sapling	23.8	7			
57	6122 - Black Spruce	High Density Pole	12.6	95			OI 1915
58	4319 - Mixed Upland Forest	High Density Pole	32.0	Uneven Age	1-50		
59	429 - Mixed Upland Conifers	High Density Pole	89.9	Uneven Age			
60	4112 - Maple, Beech, Cherry Association	High Density Pole	7.0	Uneven Age			
63	4130 - Aspen	High Density Sapling	50.2	5			
64	4139 - Aspen, Mixed Deciduous	High Density Sapling	26.1	16			
65	4112 - Maple, Beech, Cherry Association	High Density Pole	45.1	Uneven Age	81-110		
66	4139 - Aspen, Mixed Deciduous	High Density Sapling	4.6	16			
67	6115 - Lowland Ash	High Density Pole	11.2	Uneven Age	51-80		
69	6122 - Black Spruce	Medium Density Pole	53.1	95			
70	4139 - Aspen, Mixed Deciduous	High Density Sapling	5.2	16			



Stand	Baraga Mgt. Unit		5 – Forested Stands			Compartment: 022	General Comments:
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Year of Entry: 2012	
71	4140 - Other Upland Deciduous	High Density Pole	6.5	Uneven Age	1-50		
72	6122 - Black Spruce	High Density Pole	42.1	70	51-80		
73	4319 - Mixed Upland Forest	High Density Pole	19.6	95	51-80		
74	6115 - Lowland Ash	High Density Pole	4.9	95	81-110		
75	6115 - Lowland Ash	High Density Pole	1.7	Uneven Age	51-80		
76	4112 - Maple, Beech, Cherry Association	High Density Pole	29.1	Uneven Age	111-140		
78	4191 - Mixed Upland Deciduous with Conifer	High Density Sapling	96.0	16			
79	4119 - Mixed Northern Hardwoods	High Density Pole	6.0	Uneven Age			
80	429 - Mixed Upland Conifers	High Density Pole	45.2	95	51-80		
82	4319 - Mixed Upland Forest	High Density Pole	102.7	95	111-140		
83	6122 - Black Spruce	Low Density Sapling	115.7	100	1-50		
86	4319 - Mixed Upland Forest	High Density Pole	5.2	95			
87	4319 - Mixed Upland Forest	High Density Pole	65.8	Uneven Age	81-110		
89	4319 - Mixed Upland Forest	High Density Sapling	256.7	4			
90	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	70.4	48	51-80		
91	4112 - Maple, Beech, Cherry Association	High Density Pole	92.6	Uneven Age	141-170		
93	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	17.1	48	81-110		
95	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	107.7	110	111-140		



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Baraga Mgt. Unit

5 – Forested Stands

Compartment: 022

Inventory Method: IFMAP

Year of Entry: 2012



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
97	42290 - Natural Mixed Pine	High Density Pole	1.4	115	1-50	island of timber
99	42290 - Natural Mixed Pine	High Density Pole	2.7	115	1-50	



Stand	Cover Type	Acres	Gen Cmts:
2	629 - Mixed non-forested wetland	18.5	
17	6220 - Alder/willow	3.9	
19	6220 - Alder/willow	9.1	
21	6220 - Alder/willow	11.9	
22	50 - Water	10.0	
23	6220 - Alder/willow	27.3	
30	3302 - Low Density Conifer Trees	18.8	
32	3102 - Grass	1.7	Parent Lake public access site
34	50 - Water	183.9	Parent Lake
35	122 - Road/Parking Lot	7.9	
36	3302 - Low Density Conifer Trees	98.4	Black spruce and tag alder
49	3302 - Low Density Conifer Trees	200.4	
54	50 - Water	13.3	Beaver activity
61	122 - Road/Parking Lot	2.7	
62	50 - Water	13.4	
68	6220 - Alder/willow	17.4	
77	3302 - Low Density Conifer Trees	17.4	Seeding in with Tam and White pine
81	3302 - Low Density Conifer Trees	5.9	



Stand	Cover Type	Acres	Gen Cmts:
84	3302 - Low Density Conifer Trees	2.7	
85	3302 - Low Density Conifer Trees	2.8	
88	3302 - Low Density Conifer Trees	6.0	
92	3302 - Low Density Conifer Trees	112.5	black spruce and tam.
94	6220 - Alder/willow	5.2	
96	6220 - Alder/willow	5.7	
98	6239 - Mixed Emergent Wetland	66.1	Some small black spruce and tam.



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.

Inventory Method: IFMAP

Stand	SCA Type	SCA Name	Acres	Comments
34	SCA Removal	NF_11022034	183.9	add treatment to plant wild rice



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.

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

Conservation Area	Type	Description
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
SCA	Concentrated Recreation Area	Facilities that are designed and maintained for routine or heavy recreational use, including State Parks, State Forest campgrounds, motorized and non-motorized trails, trailheads, staging areas and public access sites.