



**Baraga Forest Management Unit
Compartment Review Presentation
Compartment #25 Entry Year: 2013
Compartment Acreage: 3211 County: Baraga**

Revision Date: 7/13/2011

Stand Examiner: Jason Mittlestat

Legal Description: T47N, R33W Sections 6, 7, 8, 9
T47N, R34W Section 1
T48N, R33W Sections 31, 32
T48N, R34W Sections 24, 25, 26

Identified Planning Goals ('Management Area' or 'RMU' # if applicable): Covington/Ned Lake

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

Soil and Topography: The topography in this compartment is level to rolling. Soils consist of Champion cobbly silt loams and Champion-Net-Michigamme complex in the uplands with Carbondale-Tacoosh and Witbeck-Tacoosh sands and mucks in the lowlands.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Adjacent private lands are a mix of forest industry and small private landowners. Most of the adjacent land is large industrial timberland. The compartment is bordered by state land to the north, compartment 24.

Unique, Natural Features: Vermilac Lake, Drummond Lake, and the Murphy River.

Archeological, Historical, and Cultural Features: None identified

Special Management Designations or Considerations: None identified

Watershed and Fisheries Considerations: The Murphy River, Vermilac Lake and Drummond Lake are part of this compartment.

Wildlife Habitat Considerations: The compartment is within the Covington / Ned Lake Wildlife Management Area with featured species such as northern goshawk, American marten, and snowshoe hares. This compartment is characterized by hardwood/aspens/spruce/fir mixed forest conditions. Northern hardwoods will be managed to promote species and structural diversity particularly favoring mesic conifers (i.e. hemlock). Maintenance of upland and lowland conifer wildlife movement corridors are emphasized particularly as they benefit moose which are common here. Summer thermal refuge benefits provided by conifer cover in proximity to aspen / hardwood / wetland foraging habitat for moose is emphasized. The southeast portion of this compartment is recommended as a SCA for moose and associated wildlife habitat. In addition to moose, game species such as deer, grouse, bear as well as nongame species such as goshawk are emphasized through habitat management prescriptions.

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of an end moraine of coarse-textured glacial till and peat and muck. The glacial drift thickness varies between 10 and 50 feet or lacks data. The Precambrian Michigamme Formation subcrops below the glacial drift. There is not a current economic use for the Michigamme. Gravel pits are located in the area with the closest in Section 32 and potential appears to be good. Old iron mines and graphite pits are located nine miles to the north. A slate quarry lies one mile to the north. This area has not been leased before. There is no economic oil and gas production in the UP.

Vehicle Access: Access by vehicles is limited due to the rugged terrain of this area. There are few roads, with most being winter access roads impassable when not frozen. The compartment can be reached from: US-141, Murphy Road, Bailey Road, Tracy Lake Road, and from the natural gas line running through the northern part of the compartment.

Survey Needs: Survey work will be needed before conducting timber harvest activities.

Recreational Facilities and Opportunities: Vermilac Lake is a locally popular fishing lake. The compartment receives some use by hunters with a limited road network.

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: Several stands were coded as Potential Old Growth in OI and are being recommended for removal now. Stand numbers 66, 69, 71, 72, 75, and 79. These stands do not have features consistent with the current approach of Potential Old Growth. However, these stands are being factor limited to create a contiguous block of moose loafing habitat.

- **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**

Table 1 – Total Acres by Cover Type and Age Class

Jason Mittlestat : Examiner



	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	153	102	0	0	0	0	0	0	9	0	0	0	0	0	264
Bog	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	8
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	20
Lowland Conifers	0	0	0	0	0	0	0	0	0	149	471	0	120	0	0	741
Lowland Deciduous	0	0	0	0	0	0	0	0	0	22	0	0	0	0	0	22
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	7
Lowland Shrub	65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	74	0	0	114	132	0	320
Marsh	334	0	0	0	0	0	0	0	0	0	0	0	0	0	0	334
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	0	0	0	116	0	0	116
Northern Hardwood	0	9	0	0	24	0	0	0	22	15	0	0	0	0	925	995
Paper Birch	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	15
Tamarack	0	0	0	0	0	0	0	0	0	0	30	0	0	0	0	30
Upland Conifers	0	13	0	0	0	0	0	0	0	41	11	0	0	0	0	65
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	53	0	0	0	0	0	53
Upland Spruce/Fir	0	0	65	0	0	0	0	0	0	2	0	0	5	0	0	72
Urban	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
Water	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30
Total	512	176	167	0	24	0	0	0	22	366	511	0	385	132	945	3241



Table 2 – Proposed Treatment Summaries

Baraga Mgt. Unit
Year of Entry 2013

Compartment 025
Total Compartment Acres: 3241

Acres by Treatment Type

Commercial Harvest - 422	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

	<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	71	0	0	0	0	0	71
Mixed Upland Deciduous	83	0	0	0	0	0	83
Northern Hardwood	0	237	0	0	0	0	237
Upland Mixed Forest	30	0	0	0	0	0	30
Total	185	237	0	0	0	0	422

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Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
8 11025008-Cut	12.6	4119 - Mixed Northern Hardwoods	High Density Pole	75	Harvest	Single Tree Selection	4119 - Mixed Northern Hardwoods	Cmpt. Review Proposal - Incomplete

Prescription Poor quality timber, the eastern part is a rock ridge and might be inoperable. Acres will vary with redline - operable ground. Mark to 50 BA and put on a 30 year entry. Follow the complete marker. Favor, cedar, hemlock, white pine and oak where present. Protect hemlock inclusions from harvest damage while marking to promote hemlock expansion.

Other Wld: treat standard hardwood specs but hold all long lived conifers (hemlock, WP, cedar) and oak.

Comments:

Next Steps:

19 11025019-Cut	47.0	4119 - Mixed Northern Hardwoods	High Density Log	99	Harvest	Single Tree Selection	4119 - Mixed Northern Hardwoods	Cmpt. Review Proposal - Incomplete
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Prescription Thin stand down to 70-90 square feet of Basal Area using the single tree selection method. Follow marking guidelines as outlined in the "Complete Marker". Favor mesic conifers White Pine and Hemlock as well as Hard Mast producing species such as Northern Red Oak. Protect hemlock inclusions from harvest damage while marking to promote hemlock expansion.

Other Wet area south of the tower will need to be removed from the treatment. There is a wet swail in the east part of the stand that should be able to be marked though. Acreage might be reduced due to wet ground.

Comments:

Wld: Treat with standard hardwood specs but hold all long lived conifers (hemlock, WP, cedar) and oak.

Next Steps:

23 11025023-Cut	83.4	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	111	Harvest	Clearcut with Reserves	4191 - Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal - Incomplete
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Prescription Reserve: white pine, cedar, hemlock, oak if present. Yellow birch over 18" dbh is to be left. Cut all other trees greater than 4.6" at DBH that meets product standards. No conifers below 4.6" are to be cut.

Other Lots of white pine, manage for paper birch and white pine. There are a few wet pockets. Stand shape will vary with the prescribed hardwood stand to the south.

Comments:

Wld: Split treatment of stand - Final harvest w/ reserves west half along PVT parcel. Hold all cedar / hemlock / spruce & fir under 4 1/2 inches. Take efforts to minimize damage. No seasonal restriction on cutting recommended by WLD, scarification should be encouraged. Hold east half of stand as migration corridor / N to S extension of conifer movement corridor and as moose pathway (area approximately N and east of stand 18 to stand 177 to the north). (FMD: Treatment shape has been changed to reflect this)

Next Steps:

26 11025026-Cut	15.5	4119 - Mixed Northern Hardwoods	High Density Pole	99	Harvest	Single Tree Selection	4119 - Mixed Northern Hardwoods	Cmpt. Review Proposal - Incomplete
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Prescription Thin stand down to 60-70 square feet of Basal Area using the single tree selection method. Follow marking guidelines as outlined in the "Complete Marker". Favor mesic conifers White Pine and Hemlock as well as Hard Mast producing species such as Northern Red Oak. Protect hemlock inclusions from harvest damage while marking to promote hemlock expansion.

Other Lots of softwood on the edges, area will vary with the adjacent clearcut. Poor quality, mark 60-70 sq ft BA.

Comments:

Wld: Treat with standard hardwood specs but hold all long lived conifers (hemlock, WP, cedar) and oak.

Next Steps:



S t a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
34	11025034-Cut	14.0	6124 - Lowland Spruce-Fir	High Density Pole	84	Harvest	Clearcut with Reserves	6124 - Lowland Spruce-Fir	Cmpt. Review Proposal - Incomplete

Prescription Cut all trees greater than 4.5" dbh that meet product standards other than: white pine, cedar, and hemlock if present.

Specs:

Other Spruce, fir stand prescribed for final harvest surrounding a hardwood ridge that will be marked.

Comments:

Wld: Final harvest. Hold all hemlock, cedar and pine. Retain all advanced spruce and fir regeneration under 4 ½ inches, as possible. Take efforts to minimize damage. No seasonal restriction on cutting recommended by WLD, scarification should be encouraged.

Next

Steps:

36	11025036-Cut	18.1	4112 - Maple, Beech, Cherry Association	High Density Pole	99	Harvest	Single Tree Selection	4112 - Maple, Beech, Cherry Association	Cmpt. Review Proposal - Incomplete
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Prescription Thin stand down to 60-70 square feet of Basal Area using the single tree selection method. Follow marking guidelines as outlined in the

Specs: "Complete Marker". Favor mesic conifers White Pine and Hemlock as well as Hard Mast producing species such as Northern Red Oak. Protect hemlock inclusions from harvest damage while marking to promote hemlock expansion.

Other Poor quality, acreage will vary with topo and the adjacent final harvest stand.

Comments:

Wld: Treat with standard hardwood specs but hold all long lived conifers (hemlock, WP, cedar) and oak. Avoid entry into stand 224 F6.

Next

Steps:

44	11025044-Cut	30.2	4319 - Mixed Upland Forest	High Density Pole	85	Harvest	Clearcut with Reserves	4319 - Mixed Upland Forest	Cmpt. Review Proposal - Incomplete
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Prescription Cut all trees over 4.6" dbh that meet product standards other than: white pine, cedar, hemlock, and yellow birch over 18" dbh. No conifer under 4.6" is to be harvested.

Other Lines will vary with cedar component. Sale area will follow upland ridge. Use Baily Road as the southern boundary. Poor quality timber. Use
Comments: 4.6" spec.

Wld: Split treatment of stand - Final harvest on west half of stand. Hold all hemlock, cedar and pine. Retain all advanced spruce and fir regeneration under 4 ½ inches, as possible. Take efforts to minimize damage. No seasonal restriction on cutting recommended by WLD, scarification should be encouraged. Hold, no entry into eastern half of stand. Provide for connectivity with stand 339 to the north and 3339 to the south as movement corridor. (FMD: Shape has been changed to reflect this)

Next

Steps:

47	11025047-Cut	28.7	4112 - Maple, Beech, Cherry Association	High Density Log	99	Harvest	Single Tree Selection	4112 - Maple, Beech, Cherry Association	Cmpt. Review Proposal - Incomplete
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Prescription Thin stand down to 60-70 square feet of Basal Area using the single tree selection method. Follow marking guidelines as outlined in the

Specs: "Complete Marker". Favor mesic conifers White Pine and Hemlock as well as Hard Mast producing species such as Northern Red Oak. Mark to encourage cherry where present.

Other Mark leaf off if possible. Some pockets of smaller diameter maple. Mark to encourage cherry where present. Some good quality cherry.

Comments:

Wld: Treat with standard hardwood specs but hold all long lived conifers (hemlock, WP, cedar) and oak

Next

Steps:

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Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
48 11025048-Cut	57.0	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	111	Harvest	Clearcut with Reserves	6128 - Lowland Coniferous, Mixed Deciduous	Cmpt. Review Proposal - Incomplete

Prescription Cut all trees greater than 4.6" dbh that meet product standards. Do not cut: white pine, cedar, hemlock, or any yellow birch over 18" dbh. No
Specs: conifers under 4.6" DBH are to be harvested.

Other Some wet pockets of black ash running through the middle of the stand. Will have to change treatment shape to reflect moose corridor.
Comments:

Wld: Split treatment of stand - Final harvest on south half of stand from line approximately corner of PVT land to SE tip of stand. In harvest area hold all hemlock, cedar and pine. Retain all advanced spruce and fir regeneration under 4 1/2 inches, as possible. Take efforts to minimize damage. Avoid entry into cedar clumps and white pine island. No seasonal restriction on cutting recommended by WLD, scarification should be encouraged. Hold, no entry into northern half of stand as movement corridor along NW orientation of ridge top. (FMD: Shape has been changed to reflect comments)

Next
Steps:

49 11025049-Cut	76.0	4112 - Maple, Beech, Cherry Association	High Density Log	99	Harvest	Single Tree Selection	4112 - Maple, Beech, Cherry Association	Cmpt. Review Proposal - Incomplete
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Prescription Thin stand down to 60-70 square feet of Basal Area using the single tree selection method. Follow marking guidelines as outlined in the
Specs: "Complete Marker". Favor mesic conifers White Pine and Hemlock as well as Hard Mast producing species such as Northern Red Oak. Protect hemlock inclusions from harvest damage while marking to promote hemlock expansion.

Other Some rough ground which could limit acres.
Comments:

Wld: Standard hardwood specs plus: Leave all oak. Avoid damage in hemlock patches and inclusions by avoid harvesting within inclusions. Mechanically harvest with tracked equipment in non snow season to get scarification. Leave some yellow birch within hemlock inclusions. Attempt to group select around hemlock inclusions (one tree length) to create canopy regeneration gaps targeting light seeded species, primarily hemlock. Plan gap harvests to bridge between hemlock inclusions and individuals.

Next
Steps:

51 11025051-Cut	39.6	4119 - Mixed Northern Hardwoods	High Density Pole	99	Harvest	Single Tree Selection	4119 - Mixed Northern Hardwoods	Cmpt. Review Proposal - Incomplete
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Prescription Thin stand down to 60-70 square feet of Basal Area using the single tree selection method. Follow marking guidelines as outlined in the
Specs: "Complete Marker". Favor mesic conifers White Pine and Hemlock as well as Hard Mast producing species such as Northern Red Oak. Protect hemlock inclusions from harvest damage while marking to promote hemlock expansion.

Other Cut to keep on rotation. Some pockets of dead tops and low BA. Last cut in 1993.
Comments:

Wld: Standard hardwood specs plus: Leave all oak. Avoid damage in hemlock patches and inclusions by avoid harvesting within inclusions. Mechanically harvest with tracked equipment in non snow season to get scarification. Leave some yellow birch within hemlock inclusions. Attempt to group select around hemlock inclusions (one tree length) to create canopy regeneration gaps targeting light seeded species, primarily hemlock. Plan gap harvests to bridge between hemlock inclusions and individuals.

Next
Steps:

**Total Treatment
Acreage Proposed: 422.0**

Table 4 -- Treatments Prescribed with a Limiting Factor



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Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
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Prescription Specs:

Other Comment:

Next Steps:

Limiting Factor and No Treatment Reason

Total Treatment Acreage Proposed: 0

Out of YOE -- Treatments
Prescribed with No Limiting Factor

Year of Entry: 2013



Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
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Prescription
Specs:

Other
Comments:

Next
Steps:

**Total Treatment
Acreage Proposed: 0**

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Baraga Mgt. Unit

5 – Forested Stands

Compartment: 025
Year of Entry: 2013

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	22.4	81	111-140	
5	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	43.1	81	81-110	
6	4119 - Mixed Northern Hardwoods	High Density Pole	2.9	71	81-110	
7	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	17.0	81	81-110	
8	4119 - Mixed Northern Hardwoods	High Density Pole	12.6	75	81-110	
10	4119 - Mixed Northern Hardwoods	High Density Pole	3.1	75	81-110	
11	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	55.5	81	81-110	
12	6122 - Black Spruce	High Density Pole	19.3	135	51-80	Sparce and very small diameter black spruce.
13	4119 - Mixed Northern Hardwoods	High Density Pole	3.7	71	81-110	
14	6122 - Black Spruce	High Density Pole	22.3	81	51-80	
16	6122 - Black Spruce	Low Density Pole	8.5	81	1-50	Poor quality, highway flooded timber.
17	6122 - Black Spruce	High Density Pole	112.5	135	51-80	
19	4119 - Mixed Northern Hardwoods	High Density Log	47.0	Uneven Age	111-140	
20	4140 - Other Upland Deciduous	High Density Pole	14.8	111	51-80	
21	6129 - Mixed Coniferous Lowland Forest	High Density Pole	20.2	91	81-110	
22	6122 - Black Spruce	High Density Pole	40.2	111	51-80	Small diameter black spruce.
23	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	116.2	111	81-110	

S t a n d	Baraga Mgt. Unit		5 – Forested Stands			Compartment: 025 Year of Entry: 2013	General Comments:
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range		
24	6120 - Lowland Cedar	High Density Pole	7.6	111	81-110		Wet cedar stand.
26	4119 - Mixed Northern Hardwoods	High Density Pole	15.5	Uneven Age	81-110		
27	6122 - Black Spruce	High Density Pole	73.6	111	51-80		
28	6129 - Mixed Coniferous Lowland Forest	High Density Pole	30.7	111	81-110		
29	4119 - Mixed Northern Hardwoods	High Density Log	74.7	Uneven Age	81-110		
30	4119 - Mixed Northern Hardwoods	High Density Log	11.5	Uneven Age	81-110		
32	4139 - Aspen, Mixed Deciduous	High Density Sapling	153.2	5			
33	4119 - Mixed Northern Hardwoods	High Density Log	24.2	Uneven Age	51-80		
34	6124 - Lowland Spruce- Fir	High Density Pole	14.0	84	81-110		
36	4112 - Maple, Beech, Cherry Association	High Density Pole	18.1	Uneven Age	81-110		
37	6124 - Lowland Spruce- Fir	High Density Pole	7.5	84	81-110		
39	4113 - R.Maple, Conifer	High Density Sapling	9.5	5			
40	6139 - Mixed Lowland Forest	Medium Density Pole	7.0	111	51-80		
41	6124 - Lowland Spruce- Fir	High Density Pole	49.2	91	51-80		
42	4119 - Mixed Northern Hardwoods	High Density Pole	14.5	87	81-110		
43	429 - Mixed Upland Conifers	High Density Sapling	13.0	5			
44	4319 - Mixed Upland Forest	High Density Pole	52.9	85	81-110		
45	4115 - Y.Birch, Hemlock NH	High Density Log	22.7	Uneven Age	81-110		



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Baraga Mgt. Unit

5 – Forested Stands

Compartment: 025
Year of Entry: 2013

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
46	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	12.4	85	81-110	
47	4112 - Maple, Beech, Cherry Association	High Density Log	28.7	Uneven Age	111-140	
48	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	89.7	111	81-110	
49	4112 - Maple, Beech, Cherry Association	High Density Log	76.0	Uneven Age	111-140	
50	42340 - Upland Spruce/Fir	High Density Sapling	65.0	18		
51	4119 - Mixed Northern Hardwoods	High Density Pole	39.6	Uneven Age	81-110	
53	4119 - Mixed Northern Hardwoods	High Density Log	4.9	Uneven Age	111-140	
54	4119 - Mixed Northern Hardwoods	High Density Log	283.5	Uneven Age	81-110	
55	4130 - Aspen	High Density Sapling	49.6	18		
57	4119 - Mixed Northern Hardwoods	High Density Log	5.1	Uneven Age	81-110	
58	4119 - Mixed Northern Hardwoods	High Density Log	3.7	Uneven Age	81-110	
59	4130 - Aspen	High Density Sapling	52.3	18		
60	4112 - Maple, Beech, Cherry Association	High Density Pole	2.9	Uneven Age	81-110	
61	6124 - Lowland Spruce- Fir	High Density Pole	212.1	91	51-80	
62	42380 - Non Pine Upland Conifer, Mixed Deciduous	High Density Pole	41.2	85	81-110	
63	4119 - Mixed Northern Hardwoods	High Density Log	190.1	Uneven Age	81-110	
65	42350 - Upland Hemlock	High Density Log	17.6	Uneven Age	141-170	
66	42380 - Non Pine Upland Conifer, Mixed Deciduous	High Density Pole	10.7	91	81-110	

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Baraga Mgt. Unit

5 – Forested Stands

Compartment: 025
Year of Entry: 2013

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
67	4110 - Sugar Maple Association	High Density Log	18.2	Uneven Age		
68	42350 - Upland Hemlock	High Density Log	2.2	Uneven Age	141-170	
69	4119 - Mixed Northern Hardwoods	High Density Log	58.8	Uneven Age	141-170	
71	6124 - Lowland Spruce- Fir	High Density Pole	60.8	99		
72	42320 - Upland Spruce	High Density Pole	5.0	111	81-110	
73	6129 - Mixed Coniferous Lowland Forest	Medium Density	128.3	91		
74	6122 - Black Spruce	Medium Density Pole	43.5	81	1-50	
75	6121 - Tamarack	High Density Pole	30.0	98	51-80	
78	42320 - Upland Spruce	High Density Pole	2.5	81	51-80	
79	4134 - Aspen, Spruce/Fir	High Density Pole	9.1	81	81-110	
80	4119 - Mixed Northern Hardwoods	High Density Pole	23.6	35	51-80	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
2	6225 - Bog	4.2	N/A	Unspecified	
3	50 - Water	1.8	N/A	Unspecified	
4	6225 - Bog	3.1	N/A	Unspecified	
9	122 - Road/Parking Lot	11.4	N/A	Unspecified	
15	623 - Emergent Wetland	16.6	N/A	Unspecified	
18	122 - Road/Parking Lot	13.3	N/A	Unspecified	
25	623 - Emergent Wetland	243.4	N/A	Unspecified	
31	50 - Water	1.6	N/A	Unspecified	
35	623 - Emergent Wetland	49.3	N/A	Unspecified	
38	622 - Lowland Shrub	15.5	N/A	Unspecified	
52	6225 - Bog	24.2	N/A	Unspecified	
56	623 - Emergent Wetland	24.6	N/A	Unspecified	
64	622 - Lowland Shrub	36.8	N/A	Unspecified	
70	622 - Lowland Shrub	12.3	N/A	Unspecified	
76	6225 - Bog	27.0	N/A	Unspecified	
77	50 - Water	26.9	N/A	Unspecified	



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.

Stand	SCA Type	SCA Name	Acres	Comments
66	SCA Removal	11025066	10.7	Was placed in SCA previously due to remoteness
69	SCA Removal	11025069	58.8	Listed as Potential Old Growth in OI. Was placed in SCA previously due to remoteness
71	SCA Removal	11025071	60.8	Was placed in SCA previously due to remoteness
72	SCA Removal	11025072	5.0	Was placed in SCA previously due to remoteness
75	SCA Removal	11025075	30.0	Was placed in SCA previously due to remoteness
79	SCA Removal	11025079	9.1	Was placed in SCA previously due to remoteness Remove.



8 – DEDICATED CONSERVATION AREA DETAILS

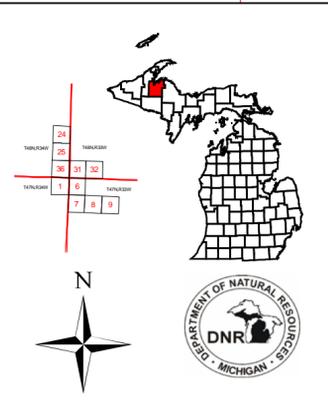
* This is a list of Dedicated Biodiversity Areas for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to Dedicated Conservation Area Map for areas that the below listed Conservation Areas are located.

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

Conservation Area	Type	Description
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Cover Type & Treatment Map

Compartment 025
 T48N, R34W, Sec. 24, 25, 36
 T48N, R33W, Sec. 31, 32
 T47N, R34W, Sec. 01
 T47N, R33W, Sec. 06-09
 County: Baraga
 Unit: Baraga
 YOE: 2013
 Acres: 3,241 GIS Calculated
 Stand Examiner: Jason Mittlestat
 Map Revised: 4/25/2011
 Map Phase: Pre-Review



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

Legend

- GPS Survey Corner
- Miris Corners
- Remounted Section Corners
- Highway
- Paved Roads
- Poor Dirt Roads
- US Highway

Utility Lines

- Pipe
- Intermittent Stream/Drain
- Stream
- Lakes and Rivers

Treatments

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

Forest Stands

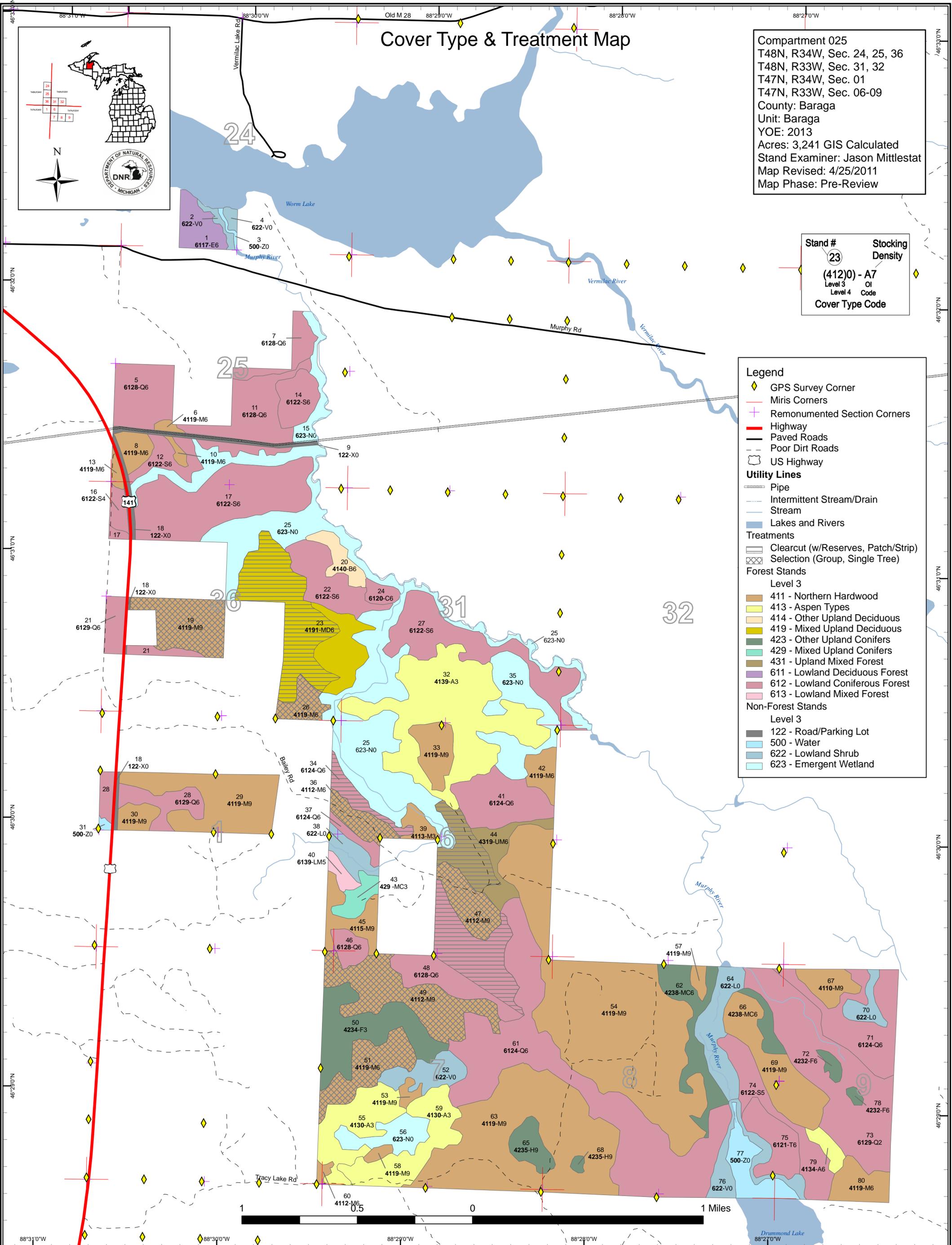
Level 3

- 411 - Northern Hardwood
- 413 - Aspen Types
- 414 - Other Upland Deciduous
- 419 - Mixed Upland Deciduous
- 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

Level 3

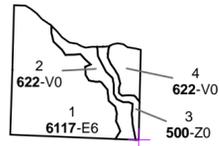
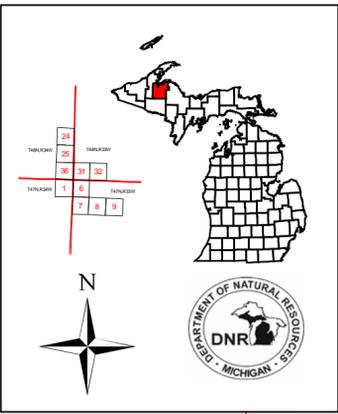
- 122 - Road/Parking Lot
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland



1 0.5 0 1 Miles

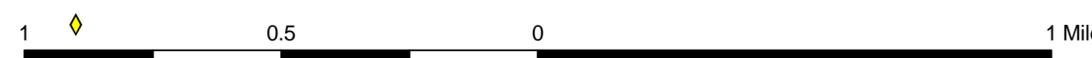
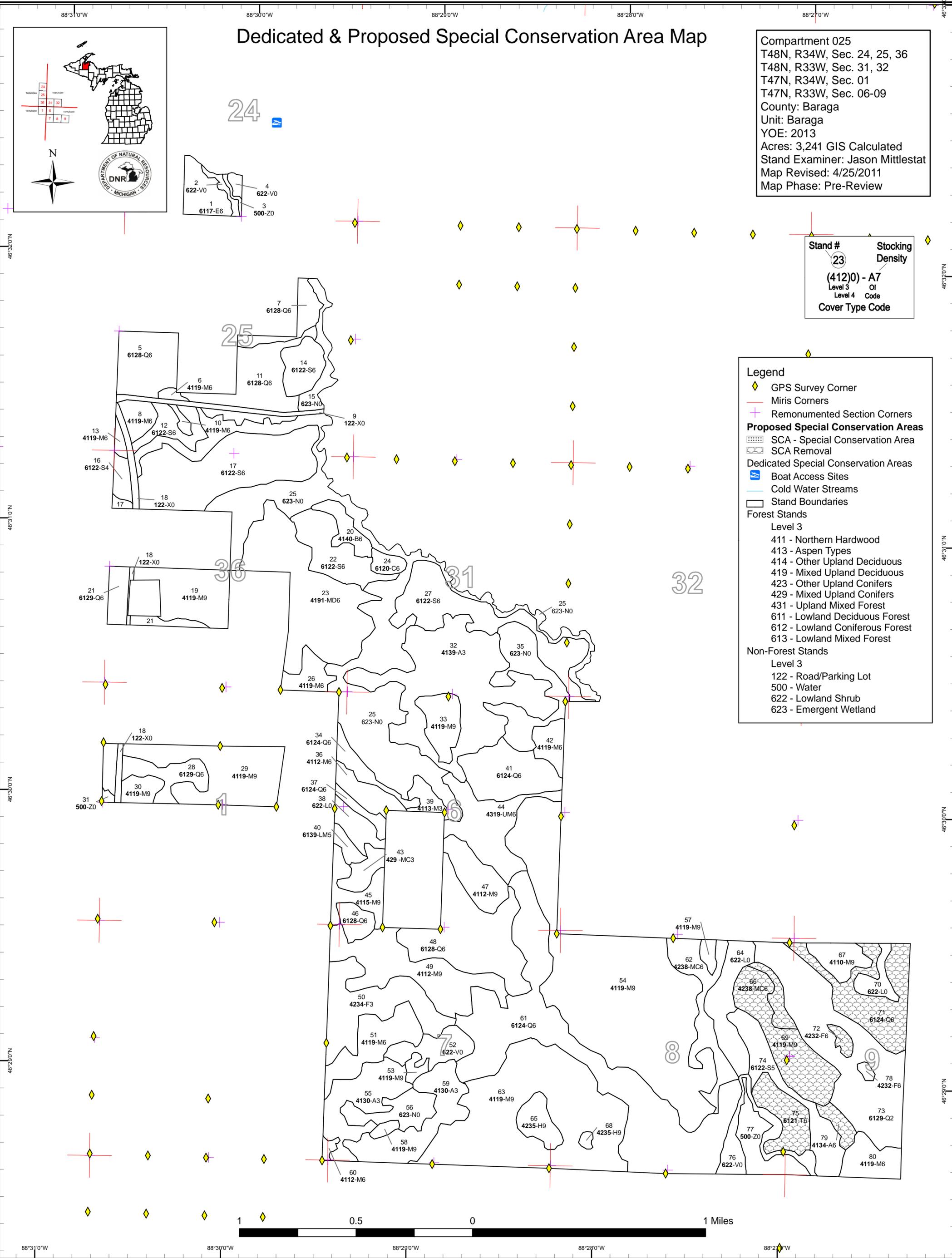
Dedicated & Proposed Special Conservation Area Map

Compartment 025
 T48N, R34W, Sec. 24, 25, 36
 T48N, R33W, Sec. 31, 32
 T47N, R34W, Sec. 01
 T47N, R33W, Sec. 06-09
 County: Baraga
 Unit: Baraga
 YOE: 2013
 Acres: 3,241 GIS Calculated
 Stand Examiner: Jason Mittlestat
 Map Revised: 4/25/2011
 Map Phase: Pre-Review



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

- Legend**
- ◆ GPS Survey Corner
 - Miris Corners
 - ⊕ Remonumented Section Corners
 - Proposed Special Conservation Areas**
 - ▨ SCA - Special Conservation Area
 - ▩ SCA Removal
 - Dedicated Special Conservation Areas**
 - ⊡ Boat Access Sites
 - Cold Water Streams
 - ▭ Stand Boundaries
 - Forest Stands**
 - Level 3
 - 411 - Northern Hardwood
 - 413 - Aspen Types
 - 414 - Other Upland Deciduous
 - 419 - Mixed Upland Deciduous
 - 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**
 - Level 3
 - 122 - Road/Parking Lot
 - 500 - Water
 - 622 - Lowland Shrub
 - 623 - Emergent Wetland



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