



Report 1 – Compartment Review Presentation

Baraga Forest Management Unit

Compartment 23

Entry Year 2015

Acreage: 647

County Baraga

Management Area: Covington/Ned Lake

Revision Date: 07/17/2013

Stand Examiner: Jason Mittlestat

Legal Description:

Baraga County, Covington Township.
T48N R33W Sec 24, 25, 26, 27.

Identified Planning Goals:

Covington / Ned Lake (4.10)

To maintain a healthy; sustainable forest with special consideration to wildlife habitat, fisheries habitat, and recreational needs while ensuring water protection for King Lake and Little King Lake.

Soil and topography:

The compartment is level to rolling. Soils are Champion Michigamme cobbly silt loam, Witbeck-Tacoosh complex, Dawson and Greenwood peats, Carbondale and Tacoosh mucks, Michigamme-Rock outcrop and Champion cobbly silt loam.

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

The surrounding lands are owned by both private individuals and industry. The private individual lands are used primarily for hunting and recreation. The industry lands are managed for timber. The state land in this compartment is fragmented. The islands in King Lake are state owned.

Unique, Natural Features:

Eagles nest on the islands in King Lake and shoreline.

Archeological, Historical, and Cultural Features:

None listed.

Special Management Designations or Considerations:

None listed.

Watershed and Fisheries Considerations:

None listed.

Wildlife Habitat Considerations:

Compartment 23 is found in the Covington/Ned Lake Management Area is mostly on a Ground Moraines in Southern Baraga County. The dominant Natural Communities are mesic northern forests and poor conifer swamps. Major forest cover types include Northern Hardwood, Mixed Lowland Conifer, and Lowland Brush. Wildlife management issues in the management area are mast (hard and soft); habitat fragmentation; coarse woody debris; large living and dead standing trees (for cavities); mesic conifer; mature forest; within stand diversity; and early successional forest (hardwood browse adjacent to closed canopy lowland conifer swamps). This management area is the heart of WUP moose country due the spatial arrangement of lowlands and uplands and the provision of summer and winter thermal cover near aquatic feeding sites.

The following have been identified, as featured species for the Covington/Ned Lake Management Area: American Marten, Black Bear, Gray Jay, Moose, and Northern Goshawk.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of coarse-textured glacial till, some areas thin, and to the south an end moraine of coarse-textured till. 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 pits are located in Sections 23 & 24 and potential appears to be good. The closest iron mines are located six 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:

The King Lake county road passes through the eastern portion of the compartment and ends and the King Lake State Forest Campground. The remainder of the access is from logging roads.

Survey Needs:

Survey work will be needed to facilitate timber harvest activities.

Recreational Facilities and Opportunities:

King Lake State Forest Campground is in this compartment.

Fire Protection:

This is not a fire prone area.

Additional Compartment Information:

There are no proposed SCA's for this compartment.

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**

Report 2 – Total Acres by Cover Type and Age Class



| | Age Class | | | | | | | | | | | | | Total | |
|------------------------|------------|----------|----------|----------|----------|----------|-----------|-----------|-----------|------------|-----------|----------|----------|------------|------------|
| | 0-9 | 10-19 | 20-29 | 30-39 | 40-49 | 50-59 | 60-69 | 70-79 | 80-89 | 90-99 | 100-109 | 110-119 | 120 + | | Uneven Age |
| Cedar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 16 |
| Exposed Rock | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Lowland Conifers | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 59 | 0 | 0 | 0 | 0 | 0 | 59 |
| Lowland Deciduous | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 19 | 0 | 0 | 0 | 0 | 0 | 28 |
| Lowland Mixed Forest | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Lowland Shrub | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 |
| Lowland Spruce/Fir | 0 | 0 | 0 | 0 | 0 | 4 | 6 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 15 |
| Mixed Upland Deciduous | 100 | 0 | 0 | 0 | 0 | 63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 169 |
| Northern Hardwood | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 115 | 115 |
| Tamarack | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 67 | 15 | 0 | 0 | 0 | 0 | 130 |
| Upland Conifers | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 0 | 0 | 0 | 0 | 41 |
| Upland Mixed Forest | 0 | 0 | 0 | 0 | 0 | 14 | 6 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 40 |
| White Pine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Total | 133 | 0 | 0 | 0 | 0 | 0 | 84 | 60 | 71 | 111 | 67 | 0 | 0 | 120 | 646 |



Report 3 – Proposed Treatment Summaries

Baraga Mgt. Unit
Year of Entry 2015

Compartment 023
Total Compartment Acres: 646

Acres by Treatment Type

Commercial Harvest - 143 Tree Planting - 0 Other - 0
 Habitat Cut - 0 Opening Maintenance - 0

Cover Type by Harvest Method

| | Clearcut | Selection | Seed Tree | Shelterwood | Thinning | Other - Specify | Total Acres |
|-------------------------------|------------|-----------|-----------|-------------|----------|-----------------|-------------|
| Mixed Upland Conifers | 41 | 0 | 0 | 0 | 0 | 0 | 41 |
| Mixed Upland Deciduous | 62 | 0 | 0 | 0 | 0 | 0 | 62 |
| Northern Hardwood | 0 | 6 | 0 | 0 | 0 | 0 | 6 |
| Upland Mixed Forest | 34 | 0 | 0 | 0 | 0 | 0 | 34 |
| Total | 137 | 6 | 0 | 0 | 0 | 0 | 143 |



| S t a n d | Treatment Name | Acres | CoverType | Size Density | Stand Age | BA Range | Treatment Type | Treatment Method | Cover Type Objective | Approval Status |
|--|----------------|-------|--|------------------------|-----------|----------|----------------|------------------------|--|-----------------------|
| | | | | | | | | | | |
| 1 | 11023001-Cut | 3.9 | 429 - Mixed Upland Conifers | Medium Density Sapling | 1 | | Harvest | Clearcut with Reserves | 42390 - Mixed Non-Pine Upland Conifers | Cmpt. Review Proposal |
| <p><u>Prescription</u> Harvest all species down to 4.6 inches DBH except white pine. Also reserve black cherry, hemlock, red oak and cedar if present.</p> <p><u>Specs:</u></p> <p><u>Other</u> Retention for this stand will be greater than 3% and will consist of reserve tree species.</p> <p><u>Comments:</u> If the producer who bought King Fir does not want to negotiate this sale then the treatment can be cancelled.</p> <p><u>Next Steps:</u> Check for adequate regeneration within 5 years of harvest completion.</p> <p><u>Proposed Start Date:</u> 10/01/2013</p> | | | | | | | | | | |
| 34 | 11023034-Cut | 36.9 | 429 - Mixed Upland Conifers | High Density Pole | 101 | 111-140 | Harvest | Clearcut with Reserves | 42200 - Natural White Pine | Cmpt. Review Proposal |
| <p><u>Prescription</u> Harvest all species down to 4.6 inches DBH except black cherry, hemlock, cedar and white pine. Also, reserve red oak if present. All yellow birch 20" DBH and greater shall be retained.</p> <p><u>Specs:</u></p> <p><u>Other</u> Retention for this stand will be greater than 3% and will consist of reserve tree species. Retention will be encompassed in the riparian corridor and will consist of large aspen, balsam and paper birch.</p> <p><u>Comments:</u></p> <p><u>Next Steps:</u> Check for adequate regeneration within 5 years of harvest completion.</p> <p><u>Proposed Start Date:</u> 10/01/2014</p> | | | | | | | | | | |
| 42 | 11023042-Cut | 61.8 | 4191 - Mixed Upland Deciduous with Conifer | High Density Pole | 67 | 111-140 | Harvest | Clearcut with Reserves | 4191 - Mixed Upland Deciduous with Conifer | Cmpt. Review Proposal |
| <p><u>Prescription</u> Harvest all species down to 4.6 inches DBH except black cherry, hemlock, cedar and white pine. Also, reserve red oak if present. All yellow birch 20" DBH and greater shall be retained.</p> <p><u>Specs:</u></p> <p><u>Other</u> Retention for this stand will be greater than 3% and will consist of reserve tree species.</p> <p><u>Comments:</u> There is a 2 small bog features in the center of the stand that will be buffered one tree length (treatment shape reflects this). Retention islands should be 3 acres or more.</p> <p><u>Next Steps:</u> Check for adequate regeneration within 5 years of harvest completion.</p> <p><u>Proposed Start Date:</u> 10/01/2014</p> | | | | | | | | | | |
| 43 | 11023043-Cut | 20.1 | 4319 - Mixed Upland Forest | High Density Pole | 93 | 111-140 | Harvest | Clearcut with Reserves | 4319 - Mixed Upland Forest | Cmpt. Review Proposal |
| <p><u>Prescription</u> Harvest all species down to 4.6 inches DBH except black cherry, hemlock, cedar and white pine. Also, reserve red oak if present. All yellow birch 20" DBH and greater shall be retained.</p> <p><u>Specs:</u></p> <p><u>Other</u> Retention for this stand will be greater than 3% and will consist of reserve tree species. Retention will be encompassed in the riparian corridor and will consist of large aspen, balsam and paper birch.</p> <p><u>Comments:</u></p> <p><u>Next Steps:</u> Check for adequate regeneration within 5 years of harvest completion.</p> <p><u>Proposed Start Date:</u> 10/01/2014</p> | | | | | | | | | | |

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| | Treatment Name | Acres | CoverType | Size Density | Stand Age | BA Range | Treatment Type | Treatment Method | Cover Type Objective | Approval Status |
|----|----------------|-------|----------------------------|-------------------|-----------|----------|----------------|------------------------|----------------------------|-----------------------|
| 49 | 11023049-Cut | 13.9 | 4319 - Mixed Upland Forest | High Density Pole | 69 | 81-110 | Harvest | Clearcut with Reserves | 4319 - Mixed Upland Forest | Cmpt. Review Proposal |

Prescription Harvest all species down to 4.6 inches DBH except hemlock, cedar, red oak and white pine. Also retain all black cherry if present. All yellow birch 20" DBH and greater shall be retained.

Other Retention for this stand will be greater than 3% and will consist of reserve tree species. Retention will be encompassed in the stand boundary and will consist of large aspen, balsam and paper birch.

Next Check for adequate regeneration within 5 years of harvest completion.

Proposed
Start Date: 10/01/2014

| | | | | | | | | | | |
|----|--------------|-----|---------------------------------|------------------|----|--------|---------|-----------------------|---------------------------------|-----------------------|
| 54 | 11023054-Cut | 6.0 | 4119 - Mixed Northern Hardwoods | High Density Log | 81 | 81-110 | Harvest | Single Tree Selection | 4119 - Mixed Northern Hardwoods | Cmpt. Review Proposal |
|----|--------------|-----|---------------------------------|------------------|----|--------|---------|-----------------------|---------------------------------|-----------------------|

Prescription Selectively thin hardwoods to 50-70 sqft of BA. Manage for a 30 year rotation. Do not harvest white pine and cedar where present. Also retain some large diameter aspen for wildlife. Follow all guidelines set forth in "The Complete Marker".

Other Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type.

Next
Steps:

Proposed
Start Date: 10/01/2014

**Total Treatment
Acreage Proposed: 142.6**



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| Treatment Name | Acres | CoverType | Size Density | Stand Age | BA Range | Treatment Type | Treatment Method | Cover Type Objective | Approval Status |
|----------------|-------|-----------|--------------|-----------|----------|----------------|------------------|----------------------|-----------------|
|----------------|-------|-----------|--------------|-----------|----------|----------------|------------------|----------------------|-----------------|

#Type!

Prescription
Specs:

Other
Comment:

Next
Steps:

Proposed
Start Date: #Type!

Limiting Factor

**Total Treatment
Acreage Proposed: 0**

Report 6 – Out of YOE – Treatments
Prescribed with No Limiting Factor

Year of Entry: 2015



| Treatment Name | Acres | CoverType | Size Density | Stand Age | BA Range | Treatment Type | Treatment Method | Cover Type Objective | Approval Status |
|----------------|-------|-----------|--------------|-----------|----------|----------------|------------------|----------------------|-----------------|
|----------------|-------|-----------|--------------|-----------|----------|----------------|------------------|----------------------|-----------------|

Prescription
Specs:

Other
Comments:

Next
Steps:

Proposed
Start Date: #Type!

**Total Treatment
Acreage Proposed: 0**

Report 7 – Site Conditions

Baraga Mgt. Unit

Compartment 023

Jason Mittlestat : Examiner

Year of Entry 2015

Availability for Management

| Total Acres | Acres | | Dominant Site Conditions | Dominant Site Conditions | | | | | |
|----------------|-----------|---------------|--------------------------|--------------------------|----|----|----|----|-----|
| | Available | Not Available | | No | 5D | 3J | 3D | 2H | 2G |
| 16 | | 16 | Cedar | | | | | | 16 |
| 59 | | 59 | Lowland Conifers | | | 59 | | | |
| 28 | | 28 | Lowland Deciduous | | | | | | 28 |
| 3 | | 3 | Lowland Mixed Forest | | | | | | 3 |
| 15 | | 15 | Lowland Spruce/Fir | | 4 | | | | 11 |
| 169 | 163 | 5 | Mixed Upland Deciduous | 163 | | | | 5 | |
| 115 | 115 | | Northern Hardwood | 115 | | | | | |
| 130 | | 130 | Tamarack | | 80 | | | | 50 |
| 41 | 41 | | Upland Conifers | 41 | | | | | |
| 40 | 34 | 6 | Upland Mixed Forest | 34 | | | 6 | | |
| 3 | 3 | | White Pine | 3 | | | | | |
| 617 | 356 | 261 | Total Forested Acres | 356 | 84 | 59 | 6 | 5 | 107 |
| | 58% | 42% | Relative Percent | | | | | | |

**Due to limitations in the current Site Conditions Analysis tool, all nonforested acres are considered available. Future development will enable analysis of nonforested types.*

| Site No. | Dominant Site Cond Availability | Dominant Site Condition | Acres | Other Site Condition | Other Site Condition | Other Site Condition | Other Site Condition |
|------------------|---------------------------------|---|-------|----------------------|----------------------|----------------------|----------------------|
| 020 | Not Available | 2G: Too wet (sensitive soils, does not include access issues) | 20 | | | | |
| Comments: | | | | | | | |
| 021 | Not Available | 2G: Too wet (sensitive soils, does not include access issues) | 37 | | | | |
| Comments: | | | | | | | |

Report 7 – Site Conditions

Baraga Mgt. Unit
Jason Mittlestat : Examiner

Compartment 023
Year of Entry 2015

| | | | | | |
|------------------|---------------|---|----|---|--|
| 022 | Not Available | 2G: Too wet (sensitive soils, does not include access issues) | 18 | | |
| Comments: | | | | | |
| 023 | Not Available | 5D: Unproductive Forest Land | 8 | 2G: Too wet (sensitive soils, does not include access issues) | |
| Comments: | | | | | |
| 024 | Not Available | 5D: Unproductive Forest Land | 26 | 2G: Too wet (sensitive soils, does not include access issues) | |
| Comments: | | | | | |
| 025 | Not Available | 5D: Unproductive Forest Land | 15 | 2G: Too wet (sensitive soils, does not include access issues) | |
| Comments: | | | | | |
| 026 | Not Available | 2G: Too wet (sensitive soils, does not include access issues) | 4 | | |
| Comments: | | | | | |
| 028 | Not Available | 5D: Unproductive Forest Land | 5 | 2G: Too wet (sensitive soils, does not include access issues) | |
| Comments: | | | | | |

Report 7 – Site Conditions

Baraga Mgt. Unit
Jason Mittlestat : Examiner

Compartment 023
Year of Entry 2015

| | | | | | |
|------------------|----------------------|--|----|--|---|
| 029 | Not Available | 3J: Water quality / BMPs (stream, river, or lake) | 59 | 3B: Threatened, endangered, and special concern species/communities | 2G: Too wet (sensitive soils, does not include access issues) |
| Comments: | | | | | |
| 030 | Not Available | 5D: Unproductive Forest Land | 27 | 2G: Too wet (sensitive soils, does not include access issues) | |
| Comments: | | | | | |
| 031 | Not Available | 2G: Too wet (sensitive soils, does not include access issues) | 3 | | |
| Comments: | | | | | |
| 032 | Not Available | 2G: Too wet (sensitive soils, does not include access issues) | 2 | 3J: Water quality / BMPs (stream, river, or lake) | |
| Comments: | | | | | |
| 033 | Not Available | 2G: Too wet (sensitive soils, does not include access issues) | 2 | | |
| Comments: | | | | | |

Report 7 – Site Conditions

Baraga Mgt. Unit

Compartment 023

Jason Mittlestat : Examiner

Year of Entry 2015

| | | | |
|-----------|---------------|--|----|
| 034 | Not Available | 2G: Too wet (sensitive soils, does not include access issues) | 2 |
| Comments: | | | |
| 035 | Not Available | 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area) | 5 |
| Comments: | | | |
| 036 | Not Available | 2G: Too wet (sensitive soils, does not include access issues) | 4 |
| Comments: | | | |
| 037 | Not Available | 2G: Too wet (sensitive soils, does not include access issues) | 2 |
| Comments: | | | |
| 038 | Not Available | 2G: Too wet (sensitive soils, does not include access issues) | 16 |
| Comments: | | | |
| 039 | Not Available | 3D: Recreational / Scenic values | 6 |
| Comments: | | | |

Report 7 – Site Conditions

Baraga Mgt. Unit

Compartment 023

Jason Mittlestat : Examiner

Year of Entry 2015

| | | | | |
|------------------------------|---------------|--|---|---|
| 040 | Not Available | 2G: Too wet (sensitive soils, does not include access issues) | 4 | |
| Comments: | | | | |
| 041 | Not Available | 2G: Too wet (sensitive soils, does not include access issues) | 9 | |
| Comments: | | | | |
| 042 | Not Available | 5D: Unproductive Forest Land | 4 | 2G: Too wet (sensitive soils, does not include access issues) |
| Comments: | | | | |
| 043 | Not Available | 3E: Easement / lease, non-military (e.g.- Consumers Power red pine, etc) | 6 | |
| Comments: pipeline | | | | |



Report 8 – 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 |
|--|------------------------------|-------------------------|----------------|-------|
| King Lake Boat Launch Comments | Concentrated Recreation Area | Boat Access Site | SCA | |
| King Lake SFCG Comments | Concentrated Recreation Area | State Forest Campground | SCA | |



Report 9 – 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 Lake | A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200. |
| 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. |

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Baraga Mgt. Unit

Report 10 – Forested Stands

Compartment: 023
Year of Entry: 2015

| Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | General Comments: |
|---|-------------------------|-------|--------------|-------------|---|
| 429 - Mixed Upland Conifers | Medium Density | 3.9 | 1 | | Stand was prescribed last rotation and was supposed to be cut with King Lake Fir, but was not included for some reason. Prescribe and include with king fir if he wants to negotiate. |
| 6121 - Tamarack | High Density Sapling | 15.5 | 97 | | |
| 6130 - Fir, Aspen, Maple | High Density Pole | 3.1 | 61 | | |
| 6121 - Tamarack | Medium Density Pole | 4.7 | 77 | | |
| 6121 - Tamarack | High Density Pole | 3.6 | 101 | | |
| 4199 - Other Mixed Upland Deciduous | High Density Pole | 5.4 | Uneven Age | 81-110 | Stand is silviculturally ready to be harvested but has no access and is small acreage. Birch is in the process of dying out. Factor Limit. |
| 6121 - Tamarack | High Density Sapling | 11.0 | 101 | | |
| 6120 - Lowland Cedar | High Density Pole | 15.7 | 101 | | Ash is dying out. |
| 6122 - Black Spruce | High Density Pole | 4.0 | 69 | | |
| 4191 - Mixed Upland Deciduous with Conifer | High Density Sapling | 100.1 | 1 | | Cut in the winters of 2012 and 2013 as "King Lake Fir 2" 11-020-08-01. |
| 42200 - Natural White Pine | High Density Log | 0.5 | 87 | | |
| 4319 - Mixed Upland Forest | High Density Pole | 5.6 | 71 | 51-80 | King Lake Campground. |
| 6124 - Lowland Spruce- Fir | High Density Pole | 58.8 | 83 | | Stand has Lake Influence Riparian issues. |
| 6122 - Black Spruce | High Density Pole | 2.1 | 91 | | |
| 42200 - Natural White Pine | High Density Log | 0.6 | 87 | | |
| 42200 - Natural White Pine | High Density Log | 0.5 | 87 | | |
| 6122 - Black Spruce | High Density Pole | 2.4 | 91 | | |

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Baraga Mgt. Unit

Report 10 – Forested Stands

Compartment: 023
Year of Entry: 2015

| Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | General Comments: |
|--|------------------------|-------|--------------|-------------|---|
| 4115 - Y.Birch, Hemlock NH | High Density Pole | 2.6 | Uneven Age | 81-110 | Marked unit of "King Lake Fir 2" 11-020-08-01 cut in the winter of 2012. |
| 42200 - Natural White Pine | High Density Log | 0.5 | 87 | | |
| 42200 - Natural White Pine | High Density Log | 0.2 | 87 | | |
| 6122 - Black Spruce | Low Density Pole | 2.1 | 77 | | |
| 429 - Mixed Upland Conifers | High Density Pole | 36.9 | 101 | 111-140 | Final acreage will be reduced due to wet areas. |
| 4119 - Mixed Northern Hardwoods | High Density Log | 61.3 | Uneven Age | 81-110 | Thinned in last rotation...Hi Blind Hdwd 11-008-05-01 |
| 6117 - Lowland Deciduous, Mixed Coniferous | High Density Pole | 19.5 | 96 | 51-80 | |
| 4119 - Mixed Northern Hardwoods | High Density Log | 34.2 | Uneven Age | 81-110 | Cut last rotation as "Hi Blind Hdwds" 11-008-05-01. |
| 4112 - Maple, Beech, Cherry Association | High Density Log | 10.8 | Uneven Age | 81-110 | Delay treatment until next rotation and harvest with "High Blind Hdwds" (Preinventory stands 29 and 32) |
| 6121 - Tamarack | High Density Pole | 37.0 | 97 | | |
| 4191 - Mixed Upland Deciduous with Conifer | High Density Pole | 63.4 | 67 | 111-140 | |
| 4319 - Mixed Upland Forest | High Density Pole | 20.1 | 93 | 111-140 | Acerage will be reduced due to wet areas. |
| 6121 - Tamarack | Low Density Pole | 25.9 | 78 | | |
| 6122 - Black Spruce | Low Density Sapling | 4.1 | 75 | | |
| 6121 - Tamarack | Low Density Pole | 14.5 | 94 | | |
| 42200 - Natural White Pine | High Density Log | 0.4 | 87 | | |
| 4319 - Mixed Upland Forest | High Density Pole | 13.9 | 69 | 81-110 | |
| 6117 - Lowland Deciduous, Mixed Coniferous | High Density Pole | 8.5 | 81 | 51-80 | |

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Baraga Mgt. Unit

Report 10 – Forested Stands

Compartment: 023
Year of Entry: 2015



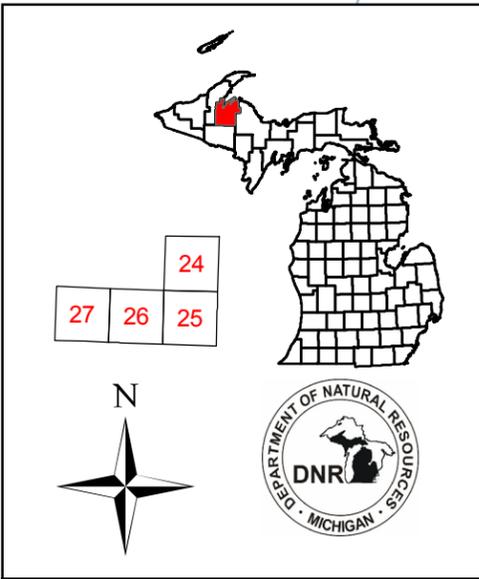
| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | General Comments: |
|-------|---------------------------------|-------------------|-------|------------|----------|-------------------|
| 51 | 42200 - Natural White Pine | High Density Log | 0.5 | 87 | | |
| 52 | 6121 - Tamarack | High Density Pole | 9.1 | 71 | | |
| 53 | 6121 - Tamarack | Low Density Pole | 8.2 | 74 | | |
| 54 | 4119 - Mixed Northern Hardwoods | High Density Log | 6.0 | Uneven Age | 81-110 | |



| Stand | Cover Type | Acres | Managed Site | Management Priority (Objective) | General Comments: |
|-------|---------------------|-------|--------------|---------------------------------|-------------------|
| 4 | 622 - Lowland Shrub | 2.4 | N/A | Unspecified | |
| 6 | 622 - Lowland Shrub | 5.9 | N/A | Unspecified | |
| 15 | 622 - Lowland Shrub | 1.9 | N/A | Unspecified | |
| 16 | 622 - Lowland Shrub | 1.1 | N/A | Unspecified | |
| 24 | 720 - Exposed Rock | 0.0 | N/A | Unspecified | |
| 26 | 720 - Exposed Rock | 0.1 | N/A | Unspecified | |
| 27 | 720 - Exposed Rock | 0.1 | N/A | Unspecified | |
| 29 | 720 - Exposed Rock | 0.1 | N/A | Unspecified | |
| 30 | 720 - Exposed Rock | 0.1 | N/A | Unspecified | |
| 31 | 720 - Exposed Rock | 0.1 | N/A | Unspecified | |
| 32 | 720 - Exposed Rock | 0.0 | N/A | Unspecified | |
| 33 | 622 - Lowland Shrub | 0.3 | N/A | Unspecified | |
| 35 | 622 - Lowland Shrub | 4.3 | N/A | Unspecified | |
| 38 | 622 - Lowland Shrub | 3.8 | N/A | Unspecified | |
| 45 | 622 - Lowland Shrub | 8.5 | N/A | Unspecified | |

Cover Type & Treatment Map

Compartment: 023
 T48N R33W
 13 23 24 25 26 27 34
 County: Baraga
 Unit: Baraga
 YOE: 2015
 Acres: 646 GIS Calculated
 Examiner: Jason Middlestat
 Map Revised: 05/22/2013
 Map Phase: Pre-Review



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

Legend

- ◆ DNR Survey Corners
- Miris Corners
- Paved Roads
- - - Poor Dirt Roads
- Stream
- - - Intermittent Stream
- Lakes and Rivers
- Pipeline
- Powerline
- State Forest Land

Treatments

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

Forest Stands

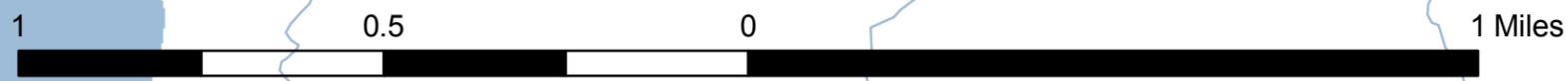
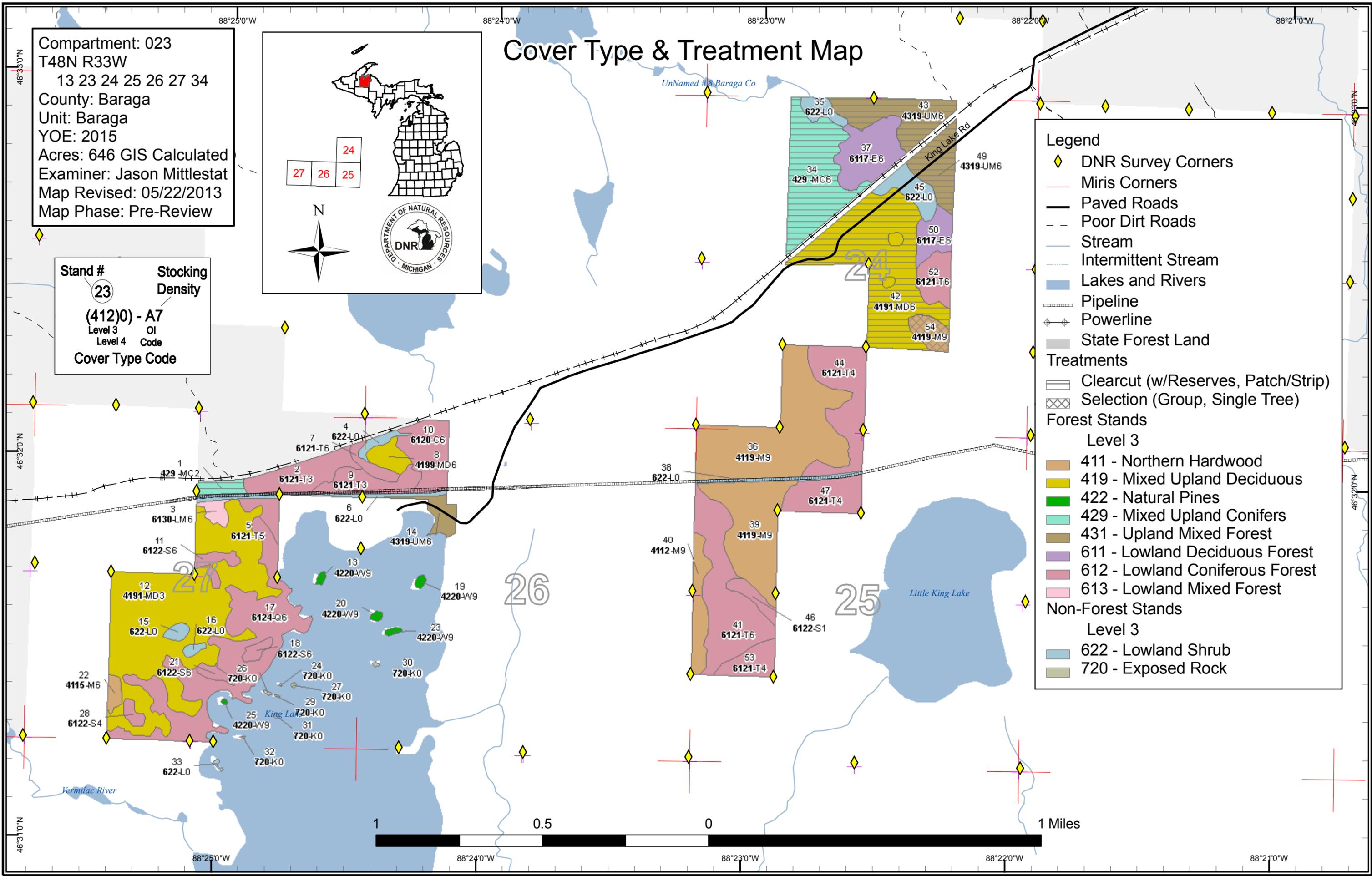
Level 3

- 411 - Northern Hardwood
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 429 - Mixed Upland Conifers
- 431 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest

Non-Forest Stands

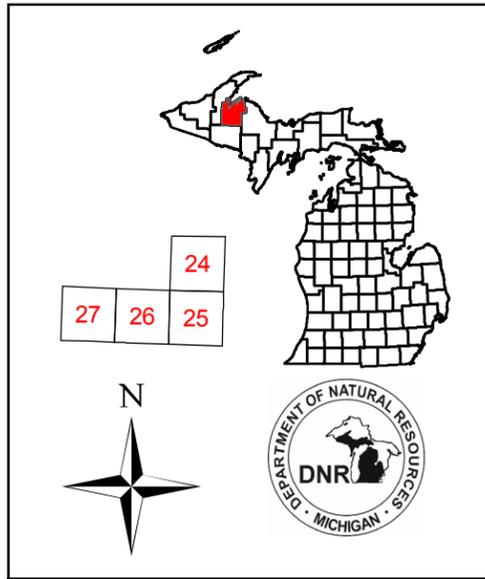
Level 3

- 622 - Lowland Shrub
- 720 - Exposed Rock



Special Conservation Areas & Site Conditions Map

Compartment: 023
 T48N R33W
 13 23 24 25 26 27 34
 County: Baraga
 Unit: Baraga
 YOE: 2015
 Acres: 646 GIS Calculated
 Examiner: Jason Middlestat
 Map Revised: 04/15/2013
 Map Phase: Pre-Review



Stand # **Stocking Density**
 23
(4120) - A7
 Level 3 OI
 Level 4 Code
Cover Type Code

Legend

- Miris Corners
- Site Condition Available
- Available w/ Constraints (Factor - Number)
- Unavailable (Factor - Number)
- Reviewable SCAs
- Incorrect Data
- Proposed SCA
- SCA Removal
- Stand Boundaries

