



ROSCOMMON FOREST MANAGEMENT UNIT COMPARTMENT REVIEW PRESENTATION

COMPARTMENT # 102 ENTRY YEAR: 2012

Compartment Acreage: 1578

County: Roscommon

Revision Date: 1/26/10

Stand Examiner: D. Ekdom

Legal Description: T22N R2W Sections 4 – 6

Management Area: Upper Muskegon

Management Goals: Maintain current age and species diversity in a range of early and late successional ecosystems.

Soil and Topography: Terrain is primarily flat to gently rolling with numerous wet drainages and potholes. Soils are well drained Rubicon and Roselawn sands, poorly drained Saugatuck sands, and poorly drained Rifle peats.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Compartment is a solid block of state ownership and is surrounded by state land except for the southeast corner. There is one large block of private property in the northwest corner of the compartment which contains permanent and seasonal residences on small forested acreages.

Unique, Natural Features: Documented occurrences of nesting osprey, common loon, and great blue heron in and adjacent to the compartment.

Archeological, Historical, and Cultural Features: None known or detected during fieldwork but high potential around flooding and creek.

Special Management Designations or Considerations: Portions of the Backus State Game Area are within the compartment but are not considered Special Conservation Areas (SCA). A large portion of the compartment is within the Backus Lake Flooding Wildlife Management Area and is considered an SCA.

Watershed and Fisheries Considerations: Backus Lake, Backus Creek, and Backus Lake Flooding.

Wildlife Habitat Considerations: Maintain ecosystem diversity in the compartment via habitat manipulation to benefit game species such as deer, grouse, rabbits, and turkeys as well as non-game species.

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 600 and 800 feet. Beneath the glacial drift is the Mississippian Michigan Formation. The Michigan is quarried for gypsum in the State. Most of the nearby gravel pits are associated with upland areas. The nearest gravel pit is located three miles to the north. Gravel potential is thought to be limited. St. Helen Field lies seven miles to the northeast. The field has produced over 8.7 million BO and 14.7 Bcf gas from the Devonian Richfield Formation and is in secondary recovery operations currently. None of the State land is currently leased in the compartment.

Vehicle Access: Vehicle access is excellent via county seasonal roads and forest two-tracks but is restricted east of the dike to management personnel only by a wildlife gate.

Survey Needs: None necessary at this time.

Recreational Facilities and Opportunities: No developed recreational facilities are within the compartment except for several wildlife viewing areas. There is one unofficial camping area in the compartment which gets heavy use during the summer and during the various hunting seasons and several unofficial boating access sites.

Fire Protection: Good access, lots of natural and man-made barriers to fire spread, many potential drafting points, and mostly hardwood fuel types. Minimal wildland-urban interface problems. No major problems foreseen at this time.

Additional Compartment Information: Proposed treatments include 80 acres of final harvests in aspen cover types and 54 acres of thinnings in mostly red pine cover types.

- **The following 5 reports from the Inventory 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**

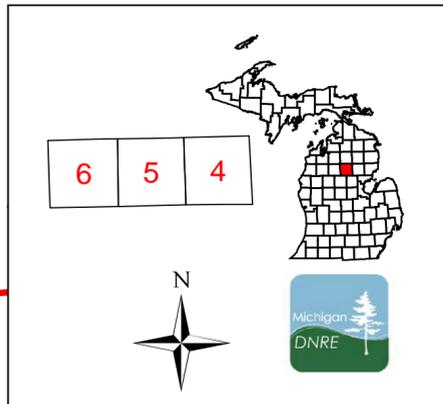
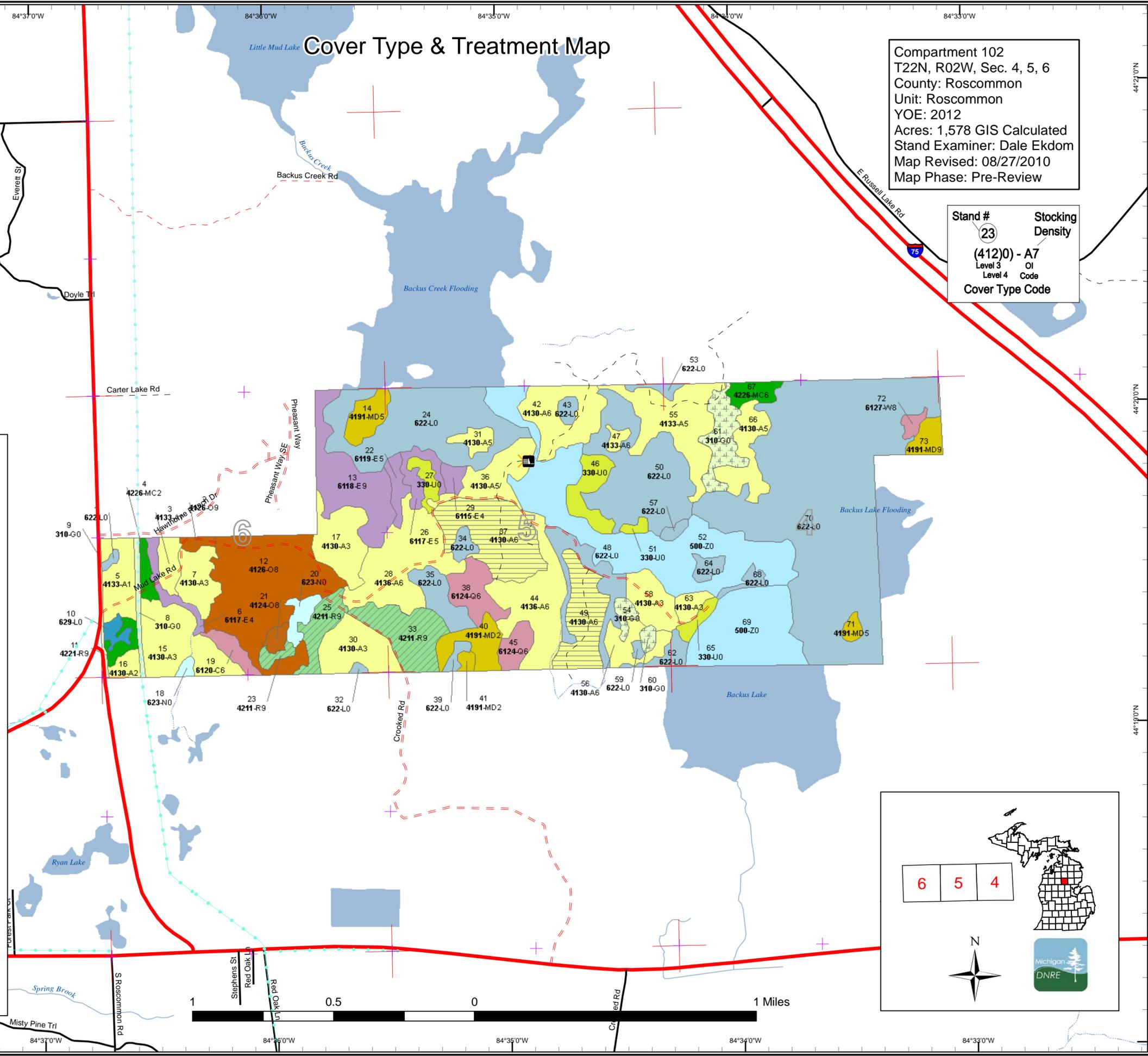
Cover Type & Treatment Map

Compartment 102
 T22N, R02W, Sec. 4, 5, 6
 County: Roscommon
 Unit: Roscommon
 YOE: 2012
 Acres: 1,578 GIS Calculated
 Stand Examiner: Dale Ekdorn
 Map Revised: 08/27/2010
 Map Phase: Pre-Review

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

Legend

- Miris Corners
 - Remonumented Section Corners
 - Dike
 - Gate
 - Cable
 - Pipe
 - Power
 - Highway
 - County Paved Roads
 - Paved Roads
 - County Gravel Roads
 - Poor Dirt Roads
 - County Poor Dirt Roads
 - Interstate Highway
 - State Highway
 - Intermittent Stream/Drain
 - Stream
 - Lakes and Rivers
- Treatments**
- Other Treatment - See Comments
 - Thinning (Crown, Low, Systematic)
 - Clearcut (w/Reserves, Patch/Strip)
- Forest Stands**
- Level 3
- 412 - Oak Types
 - 413 - Aspen Types
 - 419 - Mixed Upland Deciduous
 - 421 - Planted Pines
 - 422 - Natural Pines
 - 611 - Lowland Deciduous Forest
 - 612 - Lowland Coniferous Forest
- Non-Forest Stands**
- Level 3
- 310 - Herbaceous Openland
 - 330 - Low-Density Trees
 - 500 - Water
 - 622 - Lowland Shrub
 - 623 - Emergent Wetland
 - 629 - Mixed non-forested wetland

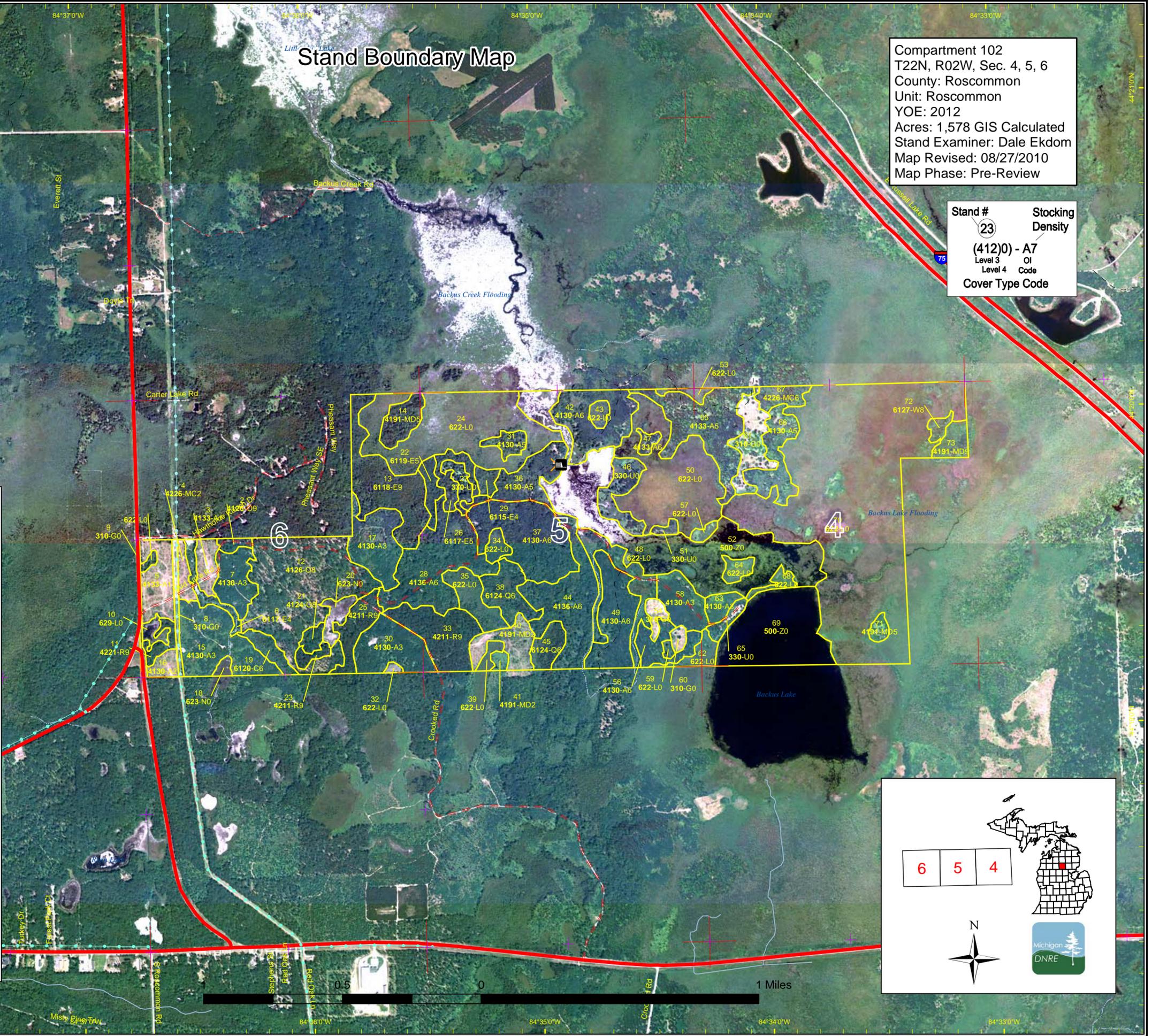


Stand Boundary Map

Compartment 102
 T22N, R02W, Sec. 4, 5, 6
 County: Roscommon
 Unit: Roscommon
 YOE: 2012
 Acres: 1,578 GIS Calculated
 Stand Examiner: Dale Ekdorn
 Map Revised: 08/27/2010
 Map Phase: Pre-Review

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

- Legend**
- Miris Corners
 - Remonumented Section Corners
 - Gate
 - Dike
 - Cable
 - Pipe
 - Power
 - Highway
 - County Paved Roads
 - County Gravel Roads
 - Poor Dirt Roads
 - County Poor Dirt Roads
 - Interstate Highway
 - Intermittent Stream/Drain
 - Stream
 - Stand Boundaries
- Forest Stands**
- Level 3**
- 412 - Oak Types
 - 413 - Aspen Types
 - 419 - Mixed Upland Deciduous
 - 421 - Planted Pines
 - 422 - Natural Pines
 - 611 - Lowland Deciduous Forest
 - 612 - Lowland Coniferous Forest
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- Level 3**
- 310 - Herbaceous Openland
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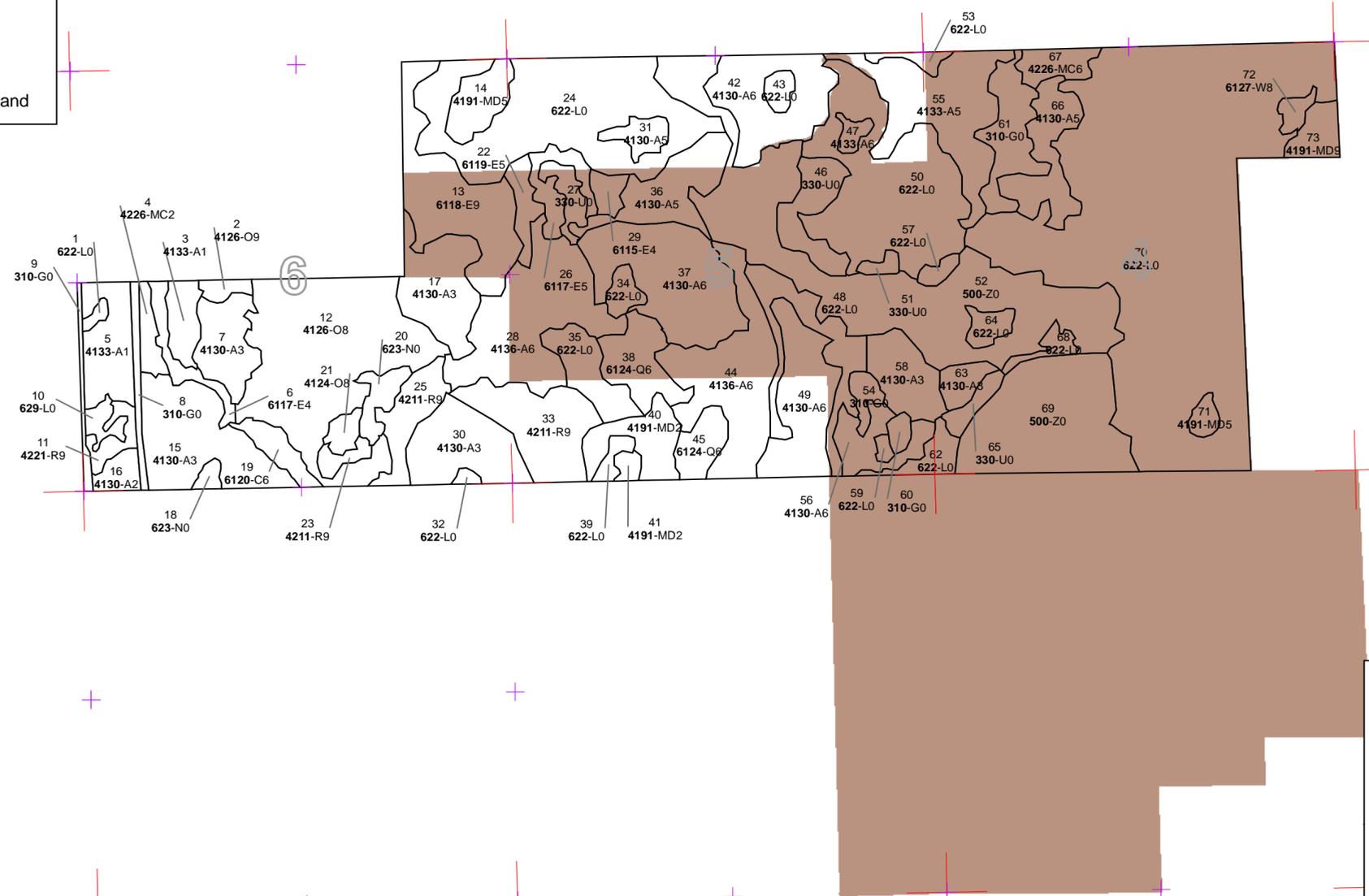
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Dedicated & Proposed Special Conservation Area Map

Compartment 102
 T22N, R02W, Sec. 4, 5, 6
 County: Roscommon
 Unit: Roscommon
 YOE: 2012
 Acres: 1,578 GIS Calculated
 Stand Examiner: Dale Ekdorn
 Map Revised: 08/27/2010
 Map Phase: Pre-Review

- Legend**
- Miris Corners
 - + Remonumented Section Corners
 - Proposed Special Conservation Areas**
 - ▨ SCA - Special Conservation Area
 - ▨ SCA Removal
 - Wildlife Management Areas**
 - Wildlife Management Areas
 - Stand Boundaries
 - Forest Stands**
 - Level 3**
 - 412 - Oak Types
 - 413 - Aspen Types
 - 419 - Mixed Upland Deciduous
 - 421 - Planted Pines
 - 422 - Natural Pines
 - 611 - Lowland Deciduous Forest
 - 612 - Lowland Coniferous Forest
 - Non-Forest Stands**
 - Level 3**
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Stand # 23
 Stacking Density
 (412)0 - A7
 Level 3 OI
 Level 4 Code
 Cover Type Code



Michigan
 DNRE

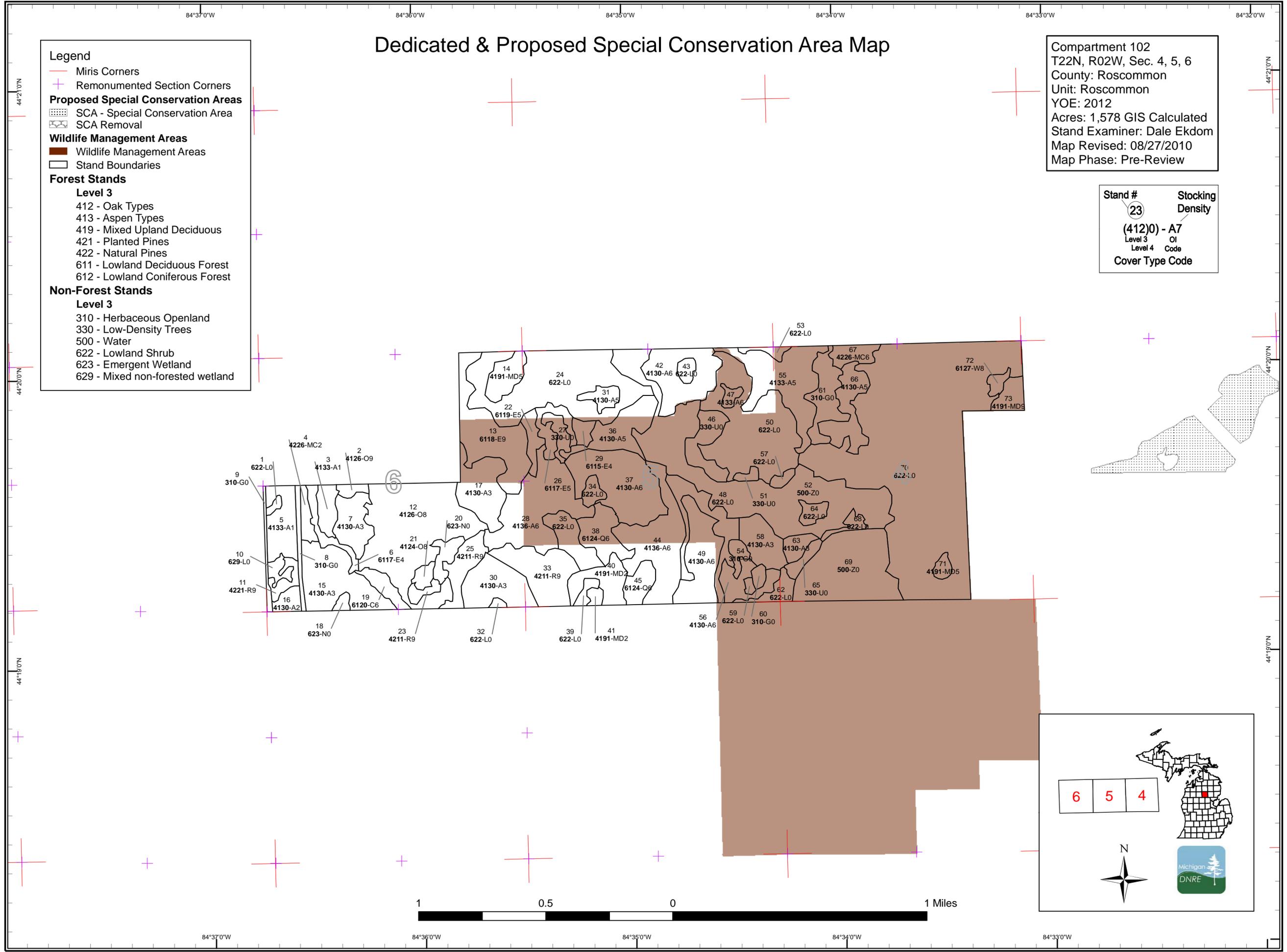
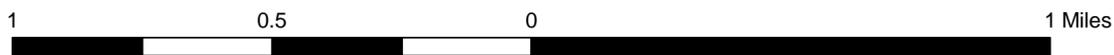


Table 1 – Total Acres by Cover Type and Age Class

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 | 35 | 90 | 45 | 0 | 322 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 492 |
| Cedar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 8 |
| Herbaceous Openland | 36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36 |
| Low-Density Trees | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| Lowland Conifers | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 18 | 0 | 4 | 0 | 0 | 31 |
| Lowland Deciduous | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 58 | 0 | 0 | 0 | 0 | 73 |
| Lowland Shrub | 513 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 513 |
| Marsh | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| Mixed Upland Deciduous | 0 | 16 | 3 | 0 | 0 | 13 | 0 | 0 | 3 | 8 | 0 | 0 | 0 | 0 | 0 | 43 |
| Natural Mixed Pines | 0 | 0 | 0 | 0 | 6 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| Oak | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 97 | 0 | 0 | 0 | 0 | 97 |
| Red Pine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 55 |
| Water | 177 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 177 |
| Total | 766 | 51 | 93 | 45 | 6 | 357 | 0 | 0 | 59 | 18 | 180 | 0 | 4 | 0 | 0 | 1578 |



Table 2 – Proposed Treatment Summaries

Data updated before 10:00 AM

Roscommon Mgt. Unit
Year of Entry 2012

Compartment 102
Total Compartment Acres: 1578

Acres by Treatment Type

| | | | | |
|--------------------------|-------------------------|-------------------|---------------------|------------|
| Commercial Harvest - 133 | Site Prep - 0 | Tree Planting - 0 | Prescribed Burn - 0 | Other - 27 |
| 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 | 79 | 0 | 0 | 0 | 0 | 0 | 79 |
| Oak | 0 | 0 | 0 | 0 | 4 | 0 | 4 |
| Red Pine | 0 | 0 | 0 | 0 | 49 | 0 | 49 |
| Total | 79 | 0 | 0 | 0 | 54 | 0 | 133 |



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 |
|---|-------|---------------------------|--------------------|-----------|----------------|------------------------|-----------------------------------|-----------------------|
| 21 71102021-Cut | 4.2 | 4124 - Red with White Oak | Medium Density Log | 92 | Harvest | Crown Thinning | Oak, Pine | Cmpt. Review Proposal |
| <u>Prescription</u> thin to 70-90 SF/Acre by removing a mix of pine and oak and manage for a mixed stand, buffer marsh to the east and any interior vernal ponds | | | | | | | | |
| <u>Specs:</u> for retention | | | | | | | | |
| <u>Other</u> starting BA averages 81-110 SF/Acre, where there is a good u.s. of planted red pine - open up the canopy around the red pine to allow pine to | | | | | | | | |
| <u>Comments:</u> grow into the canopy, where red pine is lacking, thin oak using hardwood marking guidelines to improve growth and open up the canopy where appropriate to encourage oak regeneration | | | | | | | | |
| <u>Next</u> | | | | | | | | |
| <u>Steps:</u> | | | | | | | | |
| 23 71102023-Cut | 3.9 | 42110 - Planted Red Pine | High Density Log | 71 | Harvest | Low Thinning | Natural Red Pine, Mixed Deciduous | Cmpt. Review Proposal |
| <u>Prescription</u> thin to 120-140 SF/Acre by removing suppressed/lower quality trees, buffer marsh to NE and interior vernal ponds and leave off east part heavy | | | | | | | | |
| <u>Specs:</u> to natural white pine for retention | | | | | | | | |
| <u>Other</u> starting BA is 141-170 SF/Acre, treated stand will probably be considerably smaller than AOI | | | | | | | | |
| <u>Comments:</u> | | | | | | | | |
| <u>Next</u> | | | | | | | | |
| <u>Steps:</u> | | | | | | | | |
| 25 71102025-Cut | 14.9 | 42110 - Planted Red Pine | High Density Log | 71 | Harvest | Low Thinning | Natural Red Pine, Mixed Deciduous | Cmpt. Review Proposal |
| <u>Prescription</u> thin to 120-140 SF by removing suppressed/lower quality trees with a goal of eventually removing utility poles, buffer marsh to the NW and leave | | | | | | | | |
| <u>Specs:</u> part north of Mud Lake Road/Crooked Road for retention | | | | | | | | |
| <u>Other</u> starting BA averages 171-200 SF/Acre | | | | | | | | |
| <u>Comments:</u> | | | | | | | | |
| <u>Next</u> | | | | | | | | |
| <u>Steps:</u> | | | | | | | | |
| 33 71102033-Cut | 30.7 | 42110 - Planted Red Pine | High Density Log | 71 | Harvest | Low Thinning | Natural Red Pine, Mixed Deciduous | Cmpt. Review Proposal |
| <u>Prescription</u> Thin to 120-140 SF by removing smaller/lower quality trees with a goal of eventually removing utility poles, protect the HW u.s. as much as | | | | | | | | |
| <u>Specs:</u> possible, buffer "L" type to the NE for retention | | | | | | | | |
| <u>Other</u> starting BA averages 185 SF/Acre, limit use of "hot-saw" for tree felling to avoid damage to hardwood understory | | | | | | | | |
| <u>Comments:</u> | | | | | | | | |
| <u>Next</u> | | | | | | | | |
| <u>Steps:</u> | | | | | | | | |
| 37 71102037-Cut | 47.9 | 4130 - Aspen | High Density Pole | 48 | Harvest | Clearcut with Reserves | Aspen | Cmpt. Review Proposal |
| <u>Prescription</u> final harvest to regenerate aspen, use buffers on "L" types and barrow pit on north end for retention, leave all sawlog size oak for wildlife mast, | | | | | | | | |
| <u>Specs:</u> mark some conifers for diversity | | | | | | | | |
| <u>Other</u> approved at 2011 CR to cut in 2010 YOE to balance aspen age class distribution unit-wide, any combination of aspen and other species to a fully | | | | | | | | |
| <u>Comments:</u> stocked stand is acceptable | | | | | | | | |
| <u>Next</u> regeneration survey | | | | | | | | |
| <u>Steps:</u> | | | | | | | | |

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Data updated before 10:00 AM

| Treatment Name | Acres | Stage1 CoverType | Size Density | Stand Age | Treatment Type | Treatment Method | Cover Type Objective | Approval Status |
|-----------------|-------|------------------|-------------------|-----------|----------------|------------------------|----------------------|-----------------------|
| 49 71102049-Cut | 31.4 | 4130 - Aspen | High Density Pole | 48 | Harvest | Clearcut with Reserves | Aspen | Cmpt. Review Proposal |

Prescription final harvest to regenerate aspen, use buffers on "L" types for retention, leave all sawlog size oak for wildlife mast, mark some conifers for diversity
Specs:

Other approved at 2011 CR to cut in 2010 YOY to balance aspen age class distribution unit-wide, any combination of aspen and other species to a fully stocked stand is acceptable
Comments:

Next regeneration survey
Steps:

| | | | | | | | | |
|----------------------|-----|--------------|--|---|-------|-------------|-------------------|-----------------------|
| 54 NF_71102054-Other | 4.4 | Non-Forested | | 0 | Other | Unspecified | Cool Season Grass | Cmpt. Review Proposal |
|----------------------|-----|--------------|--|---|-------|-------------|-------------------|-----------------------|

Prescription opening maintenance as appropriate
Specs:

Other
Comments:

Next
Steps:

| | | | | | | | | |
|----------------------|-----|--------------|--|---|-------|-------------|-------------------|-----------------------|
| 60 NF_71102060-Other | 2.8 | Non-Forested | | 0 | Other | Unspecified | Cool Season Grass | Cmpt. Review Proposal |
|----------------------|-----|--------------|--|---|-------|-------------|-------------------|-----------------------|

Prescription opening maintenance as appropriate
Specs:

Other
Comments:

Next
Steps:

| | | | | | | | | |
|----------------------|------|--------------|--|---|-------|-------------|-------------------|-----------------------|
| 61 NF_71102061-Other | 19.9 | Non-Forested | | 0 | Other | Unspecified | Cool Season Grass | Cmpt. Review Proposal |
|----------------------|------|--------------|--|---|-------|-------------|-------------------|-----------------------|

Prescription opening maintenance as appropriate
Specs:

Other
Comments:

Next
Steps:

**Total Treatment
 Acreage Proposed: 160.0**



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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

Data updated before 10:00 AM

Out of YOE -- Treatments
Prescribed with No Limiting Factor

Year of Entry: 2012



| Treatment Name | Acres | Stage1 CoverType | Size Density | Stand Age | Treatment Type | Treatment Method | Cover Type Objective | Approval Status |
|----------------|-------|------------------|--------------|-----------|----------------|------------------|----------------------|-----------------|
|----------------|-------|------------------|--------------|-----------|----------------|------------------|----------------------|-----------------|

Prescription
Specs:

Other
Comments:

Next
Steps:

**Total Treatment
Acreage Proposed: 0**

| Stand | Roscommon Mgt. Unit | | 5 – Forested Stands | | | Compartment: 102 | General Comments: |
|-------|--|----------------------|---------------------|-----------|----------|---------------------|---|
| | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Year of Entry: 2012 | |
| 2 | 4126 - White, Black, N. Pin Oak | High Density Log | 3.3 | 93 | 51-80 | | cut aspen and red maple in 1994 and left O/P as clearcut buffer on sub-division to the north |
| 3 | 4133 - Aspen, Mixed Pine | Low Density Sapling | 9.1 | 6 | | | cut 2004, left smaller WP and Scattered Oak SL for visual, now 2 aged, lots of open ground but seems to be filling in gradually, could plant RP in more open areas |
| 4 | 42260 - Natural Pine, Mixed Deciduous | Medium Density | 5.8 | 35 | | | cut 2004, left smaller WP and scattered oak SL, now 2 aged |
| 5 | 4133 - Aspen, Mixed Pine | Low Density Sapling | 20.2 | 6 | | | cut 2004, left smaller WP and scattered oak SL, now 2 aged, fairly open but appears to be filling in gradually, could plant RP in more open spots |
| 6 | 6117 - Lowland Deciduous, Mixed Coniferous | Low Density Pole | 8.1 | 90 | | | wet run with grassy marsh in center and RM/WP on edges encroaching into center, parts are "L" type |
| 7 | 4130 - Aspen | High Density Sapling | 17.8 | 16 | | | cut 1994, nice stand of aspen, growing well |
| 11 | 42211 - Natural Red Pine, Mixed Deciduous | High Density Log | 5.9 | 72 | | | natural RP with WP-RM-BTA-Oak scattered thru-out stand, some parts have heavy WP in u.s. and are 2-aged going to all aged, terrain is uplands but with lots of vernal ponds, etc. |
| 12 | 4126 - White, Black, N. Pin Oak | Medium Density Log | 89.1 | 93 | 51-80 | | cut aspen/RM in 2004 and left oak for seed source, NPO and WO of decent quality |
| 13 | 6118 - Lowland Deciduous with Cedar | High Density Log | 42.6 | 90 | | | HW o.s. with cedar/balsam fir u.s. below, scattered WB also, converting from lowland HW's to lowland conifers, hummocky ground with high water table |
| 14 | 4191 - Mixed Upland Deciduous with Conifer | Medium Density Pole | 12.5 | 49 | | | |
| 15 | 4130 - Aspen | High Density Sapling | 39.3 | 17 | | | nice A3 stand, growing well |
| 16 | 4130 - Aspen | Medium Density | 5.6 | 6 | | | cut 2004, aspen coming along nicely |
| 17 | 4130 - Aspen | High Density Sapling | 26.9 | 17 | | | cut 1993, nice A3 stand, growing well |
| 19 | 6120 - Lowland Cedar | High Density Pole | 7.7 | 90 | | | lowland cedar stand in drainage area with intermittent stream in center |
| 21 | 4124 - Red with White Oak | Medium Density Log | 4.2 | 93 | 81-110 | | oak logs with under-planted RP |
| 22 | 6119 - Mixed Lowland Deciduous Forest | Medium Density Pole | 7.3 | 90 | | | stand is a wet run of black ash/RM with scattered BF, tag alder in u.s. |



| S t a n d | Roscommon Mgt. Unit | | 5 – Forested Stands | | | Compartment: 102 |
|-----------------------|--|----------------------|---------------------|--------------|-------------|--|
| | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Year of Entry: 2012 |
| | | | | | | General Comments: |
| 23 | 42110 - Planted Red Pine | High Density Log | 3.9 | 72 | 141-170 | stand is R9 with scattered SL oak, thinned west 2/3rds in 1993, east part is natural W/R pine with oak poles in u.s. |
| 25 | 42110 - Planted Red Pine | High Density Log | 14.9 | 72 | 171-200 | R9 stand which was thinned in 1993 by removing most HW's, needs to be thinned again, mix of planted and nat. regen. |
| 26 | 6117 - Lowland Deciduous, Mixed Coniferous | Medium Density Pole | 10.2 | 49 | | lowland stand with a few higher spots |
| 28 | 4136 - Aspen, Mixed Conifer | High Density Pole | 53.1 | 49 | | mix of upland and lowland, mix of species and products |
| 29 | 6115 - Lowland Ash | Low Density Pole | 4.6 | 49 | | |
| 30 | 4130 - Aspen | High Density Sapling | 27.2 | 22 | | nice stand of BTA with scattered W/R pine poles & SL |
| 31 | 4130 - Aspen | Medium Density Pole | 6.3 | 49 | | |
| 33 | 42110 - Planted Red Pine | High Density Log | 30.7 | 72 | | R9 stand thinned in 1993 by removing HW's, needs to be thinned again, scattered WP poles/logs, original stand appears to be planted with a lot of natural regen. also |
| 36 | 4130 - Aspen | Medium Density Pole | 23.6 | 49 | | |
| 37 | 4130 - Aspen | High Density Pole | 47.9 | 49 | | approved at 2011 CR to cut in 2010 for better aspen distribution in the compartment |
| 38 | 6124 - Lowland Spruce-Fir | High Density Pole | 17.9 | 90 | | |
| 40 | 4191 - Mixed Upland Deciduous with Conifer | Medium Density | 16.2 | 6 | | M9 last YOE, cut to 4" spec, mostly upland on western arm and north end, east arm is 1/2 upland & 1/2 lowland |
| 41 | 4191 - Mixed Upland Deciduous with Conifer | Medium Density | 2.5 | 12 | | stand was cut in 1998 with stand to the south in 71104 |
| 42 | 4130 - Aspen | High Density Pole | 32.1 | 45 | | nice BTA pole stand with some older BTA SL on east/west/south edges which is circa 1945 YOO, heavy BF u.s. in spots with smaller pockets of natural R/W pine inclusions within the stand |
| 44 | 4136 - Aspen, Mixed Conifer | High Density Pole | 45.2 | 49 | | mix of upland aspen/RM/Oak and some JP with wet runs/swales of mostly RM/swamp conifers |
| 45 | 6124 - Lowland Spruce-Fir | High Density Pole | 9.6 | 80 | | mix of mostly lowland with swamp conifers and upland with JP-WP-BS-BF and oak/RM, good deer cover, stand is going towards all aged |



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Roscommon Mgt. Unit

5 – Forested Stands
Data updated before 10:00 AM

Compartment: 102
Year of Entry: 2012



| | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | General Comments: |
|-----------|---|-------------------------|-------|--------------|-------------|---|
| 47 | 4133 - Aspen, Mixed Pine | High Density Pole | 3.1 | 45 | | |
| 49 | 4130 - Aspen | High Density Pole | 31.4 | 49 | | approved at 2011 CR to cut in 2010 YOY for better aspen age class distribution |
| 55 | 4133 - Aspen, Mixed Pine | Medium Density Pole | 43.9 | 45 | | mostly TA poles with scattered oak/RM poles and SL and mixed pine poles and SL, scattered XL oak/RP/WP, numerous pockets heavy to RP, WP, or both |
| 56 | 4130 - Aspen | High Density Pole | 13.6 | 49 | | aspen stand with RM/Oak SL, |
| 58 | 4130 - Aspen | High Density Sapling | 17.6 | 24 | | aspen stand which was cut in 1986, growing well |
| 63 | 4130 - Aspen | High Density Sapling | 6.2 | 17 | | aspen stand cut in 1993, growing well |
| 66 | 4130 - Aspen | Medium Density Pole | 21.4 | 45 | | mix of TA/RM poles with WP poles and Balsam Fir saps/poles in spots |
| 67 | 42260 - Natural Pine, Mixed Deciduous | High Density Pole | 8.4 | 45 | | scattered XL R/W pine overtop TA/RM poles overtop WP saps, also scattered Oak/RM XL and R/W pine poles |
| 71 | 4191 - Mixed Upland Deciduous with Conifer | Medium Density Pole | 3.4 | 75 | | upland RM surrounded by "L" |
| 72 | 6127 - Lowland Pine | Medium Density Log | 3.5 | 110 | | WP stand surrounded by "L" type |
| 73 | 4191 - Mixed Upland Deciduous with Conifer | High Density Log | 8.3 | 81 | | upland deciduous stand with pine, upland island surrounded by "L" type |



| Stand | Cover Type | Acres | Gen Cmts: |
|-------|-----------------------------------|-------|-----------|
| 1 | 622 - Lowland Shrub | 1.6 | |
| 8 | 310 - Herbaceous Openland | 5.3 | |
| 9 | 310 - Herbaceous Openland | 3.6 | |
| 10 | 629 - Mixed non-forested wetland | 4.2 | |
| 18 | 623 - Emergent Wetland | 2.2 | |
| 20 | 6233 - Wet Meadow | 7.3 | |
| 24 | 622 - Lowland Shrub | 82.9 | |
| 27 | 330 - Low-Density Trees | 6.4 | |
| 32 | 622 - Lowland Shrub | 1.2 | |
| 34 | 622 - Lowland Shrub | 4.8 | |
| 35 | 622 - Lowland Shrub | 15.1 | |
| 39 | 622 - Lowland Shrub | 3.3 | |
| 43 | 622 - Lowland Shrub | 3.7 | |
| 46 | 3301 - Low Density Deciduous Tree | 16.3 | |
| 48 | 622 - Lowland Shrub | 23.3 | |
| 50 | 622 - Lowland Shrub | 72.2 | |
| 51 | 3302 - Low Density Conifer Trees | 2.4 | |
| 52 | 50 - Water | 117.7 | |



| Stand | Cover Type | Acres | Gen Cmts: |
|-------|---------------------------|-------|-----------|
| 53 | 622 - Lowland Shrub | 3.2 | |
| 54 | 310 - Herbaceous Openland | 4.4 | |
| 57 | 622 - Lowland Shrub | 2.8 | |
| 59 | 622 - Lowland Shrub | 1.4 | |
| 60 | 310 - Herbaceous Openland | 2.8 | |
| 61 | 310 - Herbaceous Openland | 19.9 | |
| 62 | 622 - Lowland Shrub | 7.2 | |
| 64 | 622 - Lowland Shrub | 5.1 | |
| 65 | 330 - Low-Density Trees | 5.0 | |
| 68 | 622 - Lowland Shrub | 4.1 | |
| 69 | 50 - Water | 59.4 | |
| 70 | 622 - Lowland Shrub | 277.3 | |



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 |
|--------------|-----------------|-----------------|--------------|-----------------|
|--------------|-----------------|-----------------|--------------|-----------------|



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 |
|-------------------|--------------|---|
| SCA | Habitat Area | An area that provide some specific need for the life cycle of wildlife species, including State Wildlife Areas and Waterfowl Production Areas, deer wintering complexes in lowland conifer communities, grassland openings and savannas. Habitat areas are distinct from critical habitat designated for recovery of endangered or threatened species (such as Kirtland's warbler or piping plover areas) in that they are more general in nature, are not primarily associated with threatened or endangered species, and are not covered by species recovery plans that are developed in cooperation with Federal agencies. |