



**Roscommon Forest Management Unit
Compartment Review Presentation
Compartment # 117 Entry Year: 2013
Compartment Acreage: 975 County: Roscommon**

Revision Date: 1/31/2011

Stand Examiner: D. Ekdom

Legal Description: T22N R2W Sections 19 & 30

Identified Planning Goals: Upper Muskegon Management Area

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

Soil and Topography: Terrain is mostly flat to gently rolling and cut by numerous drainages. Soils are Saugatuck sands and Newton Loamy sands on the drier uplands and Rifle peat in the lower drainages and potholes.

Ownership Patterns, Development, and Land Use in and Around the Compartment: This compartment is a solid block of state land except for the NW $\frac{1}{4}$ of both sections and the SENE of Section 30. The compartment is surrounded by state land on 3 sides. Private property within the compartment includes a subdivision centered on Shadow Lake in Section 19 and several large undeveloped parcels in Section 30. The private property adjacent to the west edge of the compartment is split into many parcels which range from undeveloped recreational properties to year-around residences. There is one 40 acre parcel north of the compartment which is also private and surrounded by state land on all 4 sides.

Unique, Natural Features: None recorded or detected during fieldwork.

Archeological, Historical, and Cultural Features: None known or detected during fieldwork.

Special Management Designations or Considerations: Numerous stands have been designated as SCA's, which are mostly centered on riparian corridors.

Watershed and Fisheries Considerations: Shadow Lake and the North and South Branches of Denton Creek and an un-named creek flowing into Shadow Lake from the south. All three creeks are currently heavily impacted by beaver activity.

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 400 and 600 feet. Beneath the glacial drift are the Pennsylvanian Grand River and Saginaw Formations and the

Mississippian Bayport Limestone and Michigan Formation. The Saginaw is quarried for clay and the Michigan for gypsum elsewhere in the State. Most of the nearby gravel pits are associated with upland areas. The nearest gravel pit is located two miles to the south and potential is thought to be limited. The abandoned Denton Creek Field is located one and one-half miles to the east. The field produced nearly 55,000 BO from the Detroit River Formation. All of the State land is currently leased for oil and gas development.

Vehicle Access: Vehicle access to the edges of the compartment are good via county roads and state recreational trails but vehicle access to the center of the compartment is non-existent due to the low/wet terrain.

Survey Needs: None necessary at this time.

Recreational Facilities and Opportunities: No developed trails exist in the compartment but a portion of the Houghton Lake snowmobile trail/ORV route is in the compartments to the south and east. Compartment is heavily used for hunting, trapping, and off-trail snowmobile use due to its proximity to Prudenville.

Fire Protection: Compartment has no recent history of major fires, low incidence of wildland-urban interface except for NW1/4 Section 19, no large concentrations of high hazard fuel types, and numerous natural barriers to fire spread. It is also in close proximity to fire suppression forces.

Additional Compartment Information: Proposed treatments include 45 acres of final harvests in aspen cover types.

➤ **The following reports from the Inventory are attached:**

- ◆ **Total Acres by Cover Type and Age Class**
- ◆ **Proposed Treatment Summary**
- ◆ **Proposed Treatments – No Limiting Factors**
- ◆ **Proposed Treatments – With Limiting Factors**
- ◆ **Stand Details (Forested and Nonforested)**
- ◆ **Dedicated and Proposed Special Conservation Areas**

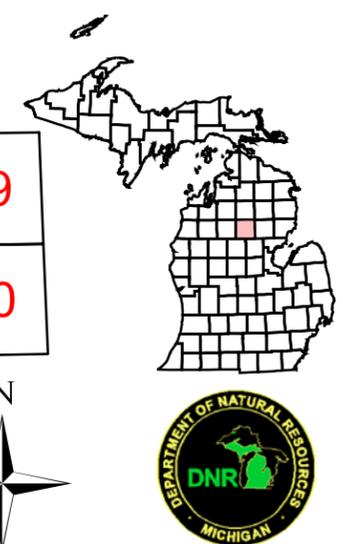
➤ **The following information is displayed, where pertinent, on the attached compartment maps:**

- ◆ **Base feature information, stand boundaries, cover types, and numbers**
- ◆ **Proposed treatments**
- ◆ **Details on the road access system**

Cover Type & Treatment Map

Compartment 117
 T22N, R02W, Sec. 19, 30
 County: Roscommon
 Unit: Roscommon
 YOE: 2013
 Acres: 925 GIS Calculated
 Stand Examiner: Dale Ekdom
 Map Revised: 8/15/2011
 Map Phase: Pre-Review

19
 30



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

Legend

- Highway
- Paved Roads
- County Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Closed Roads
- Power
- Intermittent Stream/Drain
- Stream
- Culverts
- ORV Routes
- Snowmobile Trails
- ORV Route
- Snowmobile Trail
- State Forest Land

Treatments

- Mowing
- Clearcut (w/Reserves, Patch/Strip)

Forest Stands

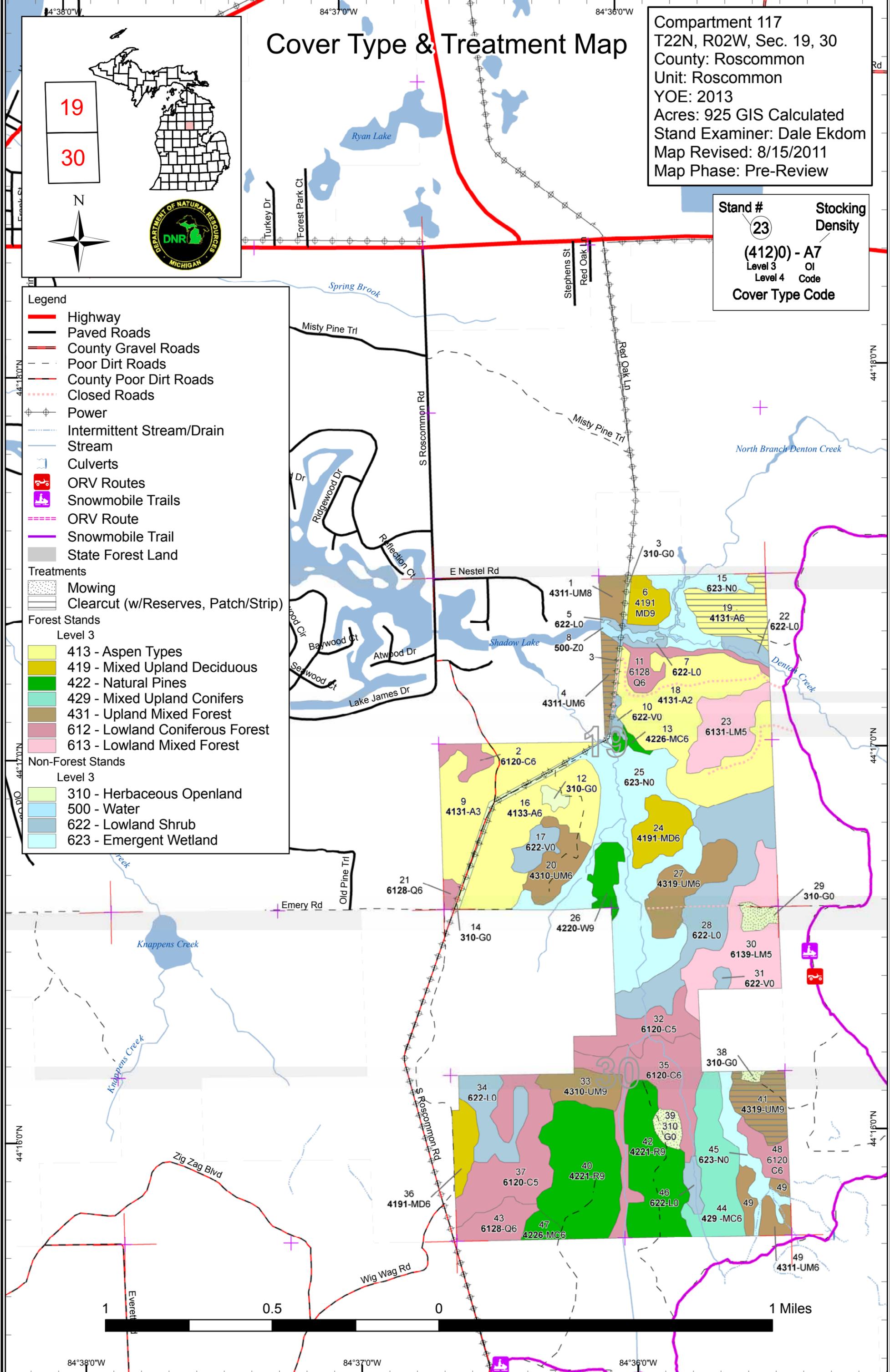
Level 3

- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 429 - Mixed Upland Conifers
- 431 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest

Non-Forest Stands

Level 3

- 310 - Herbaceous Openland
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland



84°38'0"W 84°37'0"W 84°36'0"W

44°18'0"N
44°17'0"N
44°16'0"N

44°18'0"N
44°17'0"N
44°16'0"N

Dedicated & Proposed Special Conservation Area Map

Compartment 117
 T22N, R02W, Sec. 19, 30
 County: Roscommon
 Unit: Roscommon
 YOE: 2013
 Acres: 925 GIS Calculated
 Stand Examiner: Dale Ekdorn
 Map Revised: 8/15/2011
 Map Phase: Pre-Review

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30

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DEPARTMENT OF NATURAL RESOURCES
DNR
MICHIGAN

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

Legend

- Miris Corners
- Remonumented Section Corners
- Proposed Special Conservation Areas
- SCA - Special Conservation Area
- Stand Boundaries

Forest Stands

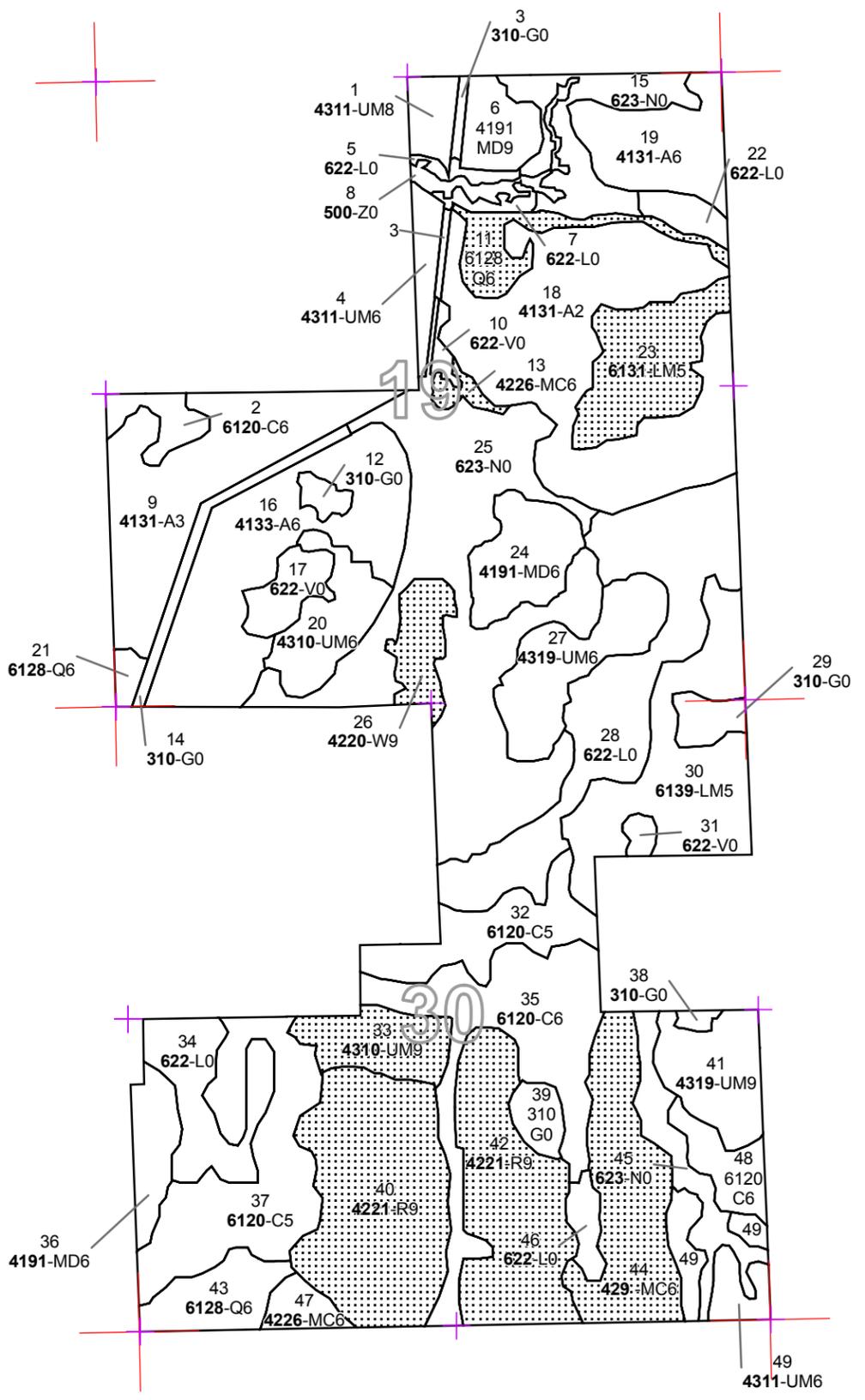
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Stand Boundary Map

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Forest Stands

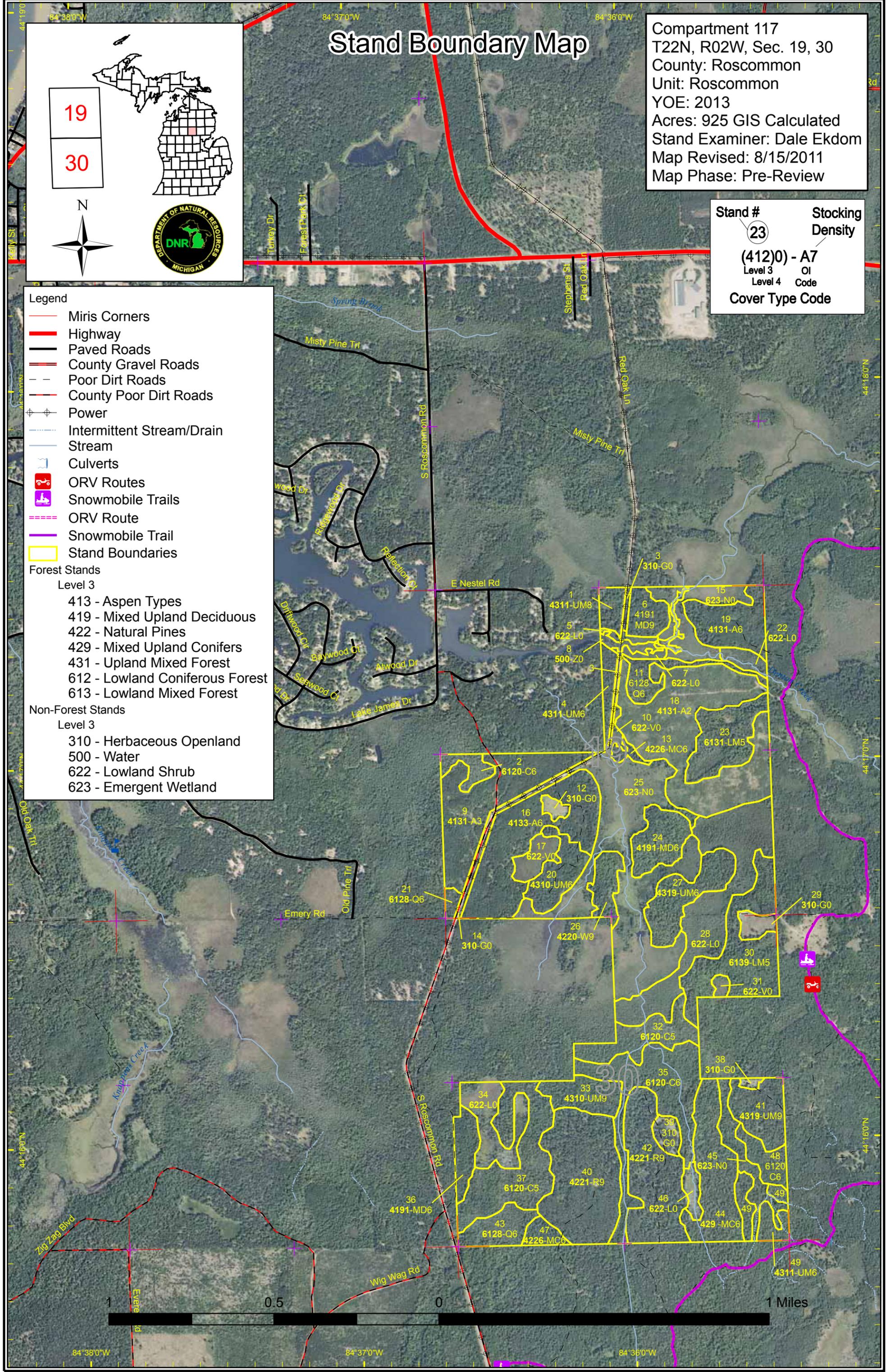
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Non-Forest Stands

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Table 1 – Total Acres by Cover Type and Age Class



	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 +		Unretn Age
Aspen	0	78	44	0	0	72	0	0	0	0	0	0	0	0	0	194
Bog	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Cedar	0	0	0	0	0	0	0	0	0	0	77	0	0	0	41	119
Herbaceous Openland	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	15	0	0	0	11	26
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64	64
Lowland Shrub	88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	88
Marsh	119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	119
Mixed Upland Deciduous	0	0	0	0	0	10	0	0	0	0	10	0	0	0	17	37
Natural Mixed Pines	0	0	0	0	0	5	0	0	0	0	3	0	0	0	0	8
Red Pine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	94	94
Upland Conifers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	34
Upland Mixed Forest	0	0	0	0	0	16	0	0	0	0	12	0	0	0	66	94
Water	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
White Pine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10
Total	246	78	44	0	0	102	0	0	0	0	117	0	0	0	337	925



Table 2 – Proposed Treatment Summaries

Roscommon Mgt. Unit
Year of Entry 2013

Compartment 117
Total Compartment Acres: 925.4

Acres by Treatment Type

Commercial Harvest - 45	Site Prep - 0	Tree Planting - 0	Prescribed Burn - 0	Other - 0
Habitat Cut - 0	Opening Maintenance - 11	Tree Seeding - 0	Pesticide - 0	

Cover Type by Harvest Method

	Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
Aspen	21	0	0	0	0	0	21
Upland Mixed Forest	24	0	0	0	0	0	24
Total	45	0	0	0	0	0	45



Stand	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
4	71117004-Cut	6.2	4311 - Pine, Aspen Mix	High Density Pole	90	Harvest	Patch or Strip Clearcut	4133 - Aspen, Mixed Pine	Cmpt. Review Proposal
<p><u>Prescription</u> cut all red maple, aspen, and jack pine. thin areas heavy to oak and red/white pine. paint out wet pothole on extreme south end of stand, no retention except residual oak/pine due to small size of the stand. Accept whatever regeneration of hardwoods or pine results.</p> <p><u>Specs:</u></p> <p><u>Other</u> access will be thru large A3 cut to the east of the powerline, probably won't get trucks in here so product will have to be forwarded out as roundwood to a landing off the SMT. Will need to address sign trespass when property line is finalized. add proper protection specs to ensure trail stays open to snowmobiles during hauling if cut in the winter</p> <p><u>Comments:</u></p> <p><u>Next Steps:</u> None</p>									
19	71117019-Cut	21.5	4131 - Aspen, Oak	High Density Pole	45	Harvest	Clearcut with Reserves	4131 - Aspen, Oak	Cmpt. Review Proposal
<p><u>Prescription</u> final harvest for aspen mgmt. mark or leave all oak for diversity/retention/visuals. buffer low marshy ground on north, south, and west. leave out wetter areas in the northeast part of the stand for BMP reasons. leave out areas with heavy R/W pine component for diversity/retention/visuals. Any regeneration of aspen/oak/pine to a fully stocked stand is acceptable. regeneration alternative is to plant red pine if stand is not fully stocked but this is unlikely.</p> <p><u>Specs:</u></p> <p><u>Other</u> access off SMT to the east and include part of the stand in Compartment 118 to the west of the SMT in this sale. add proper protection specs to ensure trail stays open to snowmobiles during hauling</p> <p><u>Comments:</u></p> <p><u>Next Steps:</u></p>									
41	71117041-Cut	17.8	4319 - Mixed Upland Forest	High Density Log	90	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal
<p><u>Prescription</u> final harvest for aspen mgmt. leave buffers on swamp to the west and leave a few pine islands for retention/diversity. mark a few scattered pine and leave all oak/cedar for diversity/wildlife/retention, cut when dormant for vigorous aspen sprouts in the spring, any regeneration to a fully stocked stand is acceptable. trench and plant RP if aspen fails which is unlikely</p> <p><u>Specs:</u></p> <p><u>Other</u> access off SMT to the east, add proper protection specs to ensure trail stays open to snowmobiles during hauling</p> <p><u>Comments:</u></p> <p><u>Next Steps:</u></p>									
29	NF_71117029-NonFor	5.0	Non-Forested		0	Non-Forest Management	Mowing	31021 - Cool Season Grass	Cmpt. Review Proposal
<p><u>Prescription</u> plant rye</p> <p><u>Specs:</u></p> <p><u>Other</u></p> <p><u>Comments:</u></p> <p><u>Next Steps:</u></p>									
38	NF_71117038-NonFor	1.2	Non-Forested		0	Non-Forest Management	Mowing	31021 - Cool Season Grass	Cmpt. Review Proposal
<p><u>Prescription</u> mow</p> <p><u>Specs:</u></p> <p><u>Other</u></p> <p><u>Comments:</u></p> <p><u>Next Steps:</u></p>									

**Table 3 -- Treatments Prescribed
with No Limiting Factor**

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	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
39	NF_71117039- NonFor	5.2	Non-Forested		0	Non-Forest Management	Mowing	31021 - Cool Season Grass	Cmpt. Review Proposal

Prescription mow
Specs:

Other
Comments:

Next
Steps:

**Total Treatment
Acreage Proposed: 56.8**

S
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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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#Error

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
71048_OutOfY OE_1-Cut	2.2				Harvest	Low Thinning	42111 - Planted Red Pine, Mixed Deciduous	Cmpt. Review Proposal
<p><u>Prescription</u> thin to 120 SF by concentrating on improving the quality of the stand, no retention other than residual RP, save areas heavy to oak understory <u>Specs:</u> where possible</p> <p><u>Other</u> cut with stand to the west in 71046 <u>Comments:</u></p> <p><u>Next</u> manage for utility poles next YOE <u>Steps:</u></p>								
71048_OutOfY OE-Cut	4.0			0	Harvest	Clearcut with Reserves	4131 - Aspen, Oak	Cmpt. Review Proposal
<p><u>Prescription</u> final harvest for aspen mgmt., mark oak SL to leave for wildlife mast, mark R/W pine SL for diversity, no retention other than marked leave <u>Specs:</u> trees, address green-up concerns on the east side of this stand if still a problem, dormant season cut to promote vigorous sprouting of the older aspen in the stand, any regeneration to a fully stocked stand is acceptable, trench and plant RP if regeneration fails</p> <p><u>Other</u> cut with stand to the west in 71046 <u>Comments:</u></p> <p><u>Next</u> <u>Steps:</u></p>								
71118_OutOfY OE-Cut	6.6			0	Harvest	Clearcut with Reserves	4131 - Aspen, Oak	Cmpt. Review Proposal
<p><u>Prescription</u> final harvest for aspen mgmt. mark or leave all oak for diversity/retention/visuals. buffer low marshy ground on southwest. leave out any wetter <u>Specs:</u> areas in the north part of the stand for BMP reasons. leave out areas with heavy R/W pine component for diversity/retention/visuals. Any regeneration of aspen/oak/pine to a fully stocked stand is acceptable. regeneration alternative is to plant red pine if stand is not fully stocked but this is unlikely.</p> <p><u>Other</u> treat with stand to the west in 71117, add proper protection specs to ensure trail stays open to snowmobiles during hauling <u>Comments:</u></p> <p><u>Next</u> <u>Steps:</u></p>								
71165_OutOfY OE-Cut	5.1				Harvest	Low Thinning	42260 - Natural Pine, Mixed Deciduous	Cmpt. Review Proposal
<p><u>Prescription</u> thin to 90-120 SF/Acre so as to enhance old growth/bio-diversity characteristics <u>Specs:</u></p> <p><u>Other</u> stand has a dense A/RM understory which will need to be addressed with appropriate sale specs, save W3 understory where possible, treat <u>Comments:</u> stand to the west in 71163 when this stand is treated (same stand)</p> <p><u>Next</u> <u>Steps:</u></p>								

**Total Treatment
Acreage Proposed: 17.9**

Stand	Roscommon Mgt. Unit		5 – Forested Stands			Compartment: 117	General Comments:
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Year of Entry: 2013	
1	4311 - Pine, Aspen Mix	Medium Density Log	6.2	90	51-80		south part of the stand is ridge with R& W pine, oak, RM, and aspen SL and poles, north part is lower and flatter with RM, aspen, and oak poles and scattered WP SL, middle part is a wet pothole with RM poles, tag alder, balsam fire saps/poles, and scattered WP SL, most species doing well, could cut A/M/J to 4" and leave R/W pine and oak this YOE but recommend holding this stand until next time
2	6120 - Lowland Cedar	High Density Pole	6.2	90			cedar swamp with BF saps/poles in blowdown gaps
4	4311 - Pine, Aspen Mix	High Density Pole	6.2	90	111-140		2 aged stand with older aspen with younger RM/WP underneath, north end is more R(planted and natural) while south end is more A6 and younger, recommend cutting all RM/Aspen/JP and thinning areas heavy to R/W pine - this will also establish the correct property line, mixed ages and species appears to have been from "choppers choice" cut in the 1960's, oldest aspen/red maple is 90 years old, youngest aspen/red maple is 45 years old, R/W pine shows similar age patterns
6	4191 - Mixed Upland Deciduous with Conifer	High Density Log	9.8	90	141-170		upland hardwoods with heavy WP understory, scattered WP SL & XL also, pockets are heavy to BTA with lots of solitary aspen also, stand is a knoll which slopes to E/N/S to low ground, should regenerate to aspen if cut or hold and manage for WP in 10-20 years
9	4131 - Aspen, Oak	High Density Sapling	44.5	15			cut in 1995 and regenerated to fairly equal mix of BTA, TA, RM, Oak with a scattering of WP & oak poles
11	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	10.9	Uneven Age			RM poles with encroaching swamp conifers, also scattered WB poles and WP X-logs, stand is moving towards all aged and is on low/wet ground
13	42260 - Natural Pine, Mixed Deciduous	High Density Pole	2.6	90	141-170		stand consists of 2 islands cut by "L" draiange, stand was left as conifer retention when stand to the north was cut in 2004, starting to develop all-aged structure, mostly W/J pine with scattered HW's, WP is heavily weeviled
16	4133 - Aspen, Mixed Pine	High Density Pole	50.2	45			mixed stand of TA/BTA, scattered areas heavy to WP SL/poles and several wetter pockets/drainages with "L" BTA is mostly merchantable but some of the areas with TA are sub-merchantable, recommend holding this stand 10 years but could cut to help with aspen age class distribution
18	4131 - Aspen, Oak	Medium Density	77.7	6			cut 2004 (block 1130) and regenerated to A3 clones & open areas with oak and RM regeneration, scattered JP seedlings also
19	4131 - Aspen, Oak	High Density Pole	21.5	45			nice A6 stand, mostly BTA but some TA mixed in, scattered solitary R/W pine X-logs with one area in the NE heavy to R/W pine SL, scattered WP/BF poles in u.s. also, NE corner is wetter and may have to be left out of the sale (mix of "L" and R/W pine type), cut or hold this stand as desired to balance aspen age class distribution in the compat and on the unit, if this stand is treated - also cut part of stand in Compt 118 which is west of the SMT with this stand



S t a n d	Roscommon Mgt. Unit		5 – Forested Stands			Compartment: 117	General Comments:
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Year of Entry: 2013	
20	4310 - Pine, Oak Mix	High Density Pole	15.6	45	111-140		2 aged stand with NPO/WP logs and WP/RM poles, appears to have had aspen /RM removed in the 1960's leaving oak and WP, recommend thinning in 10 years to maintain a mix of pine and oak, oak age is estimated
21	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	2.3	90			low/wet pothole with mnostly swamp conifers but also some swamp hardwoods on the the more upland edges, balsam fir saplings becoming established in the understory
23	6131 - Hemlock, White Pine, Maple, Birch	Medium Density Pole	24.2	Uneven Age			stand appears to have been a choppers choice OR cut only HW's in mid 1960's, low hummocky stand with standing water part of the year, numerous pockets of "L" which are wet all year especially in the south and west ends of the stand, ground cover is a mix of leatherleaf and blue berry and the canopy is a mix of WP/Rm?A/Oak poles and scattered WP/Oak SL and X-logs, two-aged going toawrds all-aged, possibly designate as SCA at some point
24	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	16.7	Uneven Age			see Pre-Inventory stand #24 for data
26	42200 - Natural White Pine	High Density Log	9.9	Uneven Age	111-140		WP island wurrounded by marsh/beaver flooding, understory ranges from 5 -10 foot tall to 30-40 foot tall and saplings to almost pole size with ages ranging from 15-35 years old., stand is all-aged with X-Log R/W pine and SL aspn/RM in upper canopy, WP/RM poles inmiddle canopy, and WP saplings in the sub-canopy, stand has lots of blow-down
27	4319 - Mixed Upland Forest	High Density Pole	22.1	Uneven Age			island surrounded by marsh and lowland shrub, ranges from dry and operable to low/hummocky semi-operable to low/wet non-operable terrain, RM/Aspen pole-log canopy with scattered WP X-logs, WP poles underneath the hardwood canopy and heavy balsam fir sapling understory below the WP poles, stand is at least 2 aged and going towards all-aged, possible SCA
30	6139 - Mixed Lowland Forest	Medium Density Pole	40.1	Uneven Age			low,wet,hummocky ground except for the far east edge which is higher ground, stand is transitioning from hardwoods to conifers and already appears all-aged, hardwood SL/poles over swamp conifer poles
32	6120 - Lowland Cedar	Medium Density Pole	19.5	90			same as swamp stand to the south but less HW's, canopy less dense, and wetter terrain
33	4310 - Pine, Oak Mix	High Density Log	14.3	Uneven Age	111-140		RP/HW SL over WP/BF saps and scattered RP/HW regeneration, east end and middle of stand has pine SL overtop WP/BF saps, west end is HW SL over WP saps, lots of blowdown/CWD, designated as POG in draft plan, retain as SCA
35	6120 - Lowland Cedar	High Density Pole	42.8	90			cedar swamp with hardwood component, numerous small drainages and 2 main drainages, numerous small inclusions of someshat higher ground with RM and WB poles/SL with BF/WP saps in u.s., somewhat 2 aged especially in the hardwood inclusions





	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
36	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	10.1	45	111-140	choppers choice cuts in early 70's removed SL size hardwood trees, now fairly equal mix of RM/TA/WP, u.s WP/RM is almost pole size,
37	6120 - Lowland Cedar	Medium Density Pole	41.2	Uneven Age		lowland aspen last YOE - now most aspen is gone or on the way out, numerous blowdowns and tip-up mounds scattered thru-out stand with mostly balsam fir in these openings as understory
40	42210 - Natural Red Pine	High Density Log	53.0	Uneven Age	111-140	RP SL/scattered WP SL overtop R/W pine saps and poles, scattered HW regen. also, some CWD present from 1995 thinning operation, 2 aged going to all-aged with the largest saplings just below pole size and most poles just past merch. size, non-suppressed R/W pine saps are growing 1-1/2 to 2 feet per year, recorded RP SI is 75, stand designated as POG in draft OG plan, recommend retaining as SCA
41	4319 - Mixed Upland Forest	High Density Log	17.7	Uneven Age		pockets of A6/A9 interspersed with areas of RP and oak mixed with scattered A/RM, N and E is primarily BTA, W and S is R/W pine with scattered HW's. aspen appears 2 aged with oldest aspen 1920 YOO and younger aspen approx. 1960's YOO (2nd age is from C118 S203), should regenerate to aspen if cut in the dormant season
42	42210 - Natural Red Pine	High Density Log	40.6	Uneven Age	111-140	natural red pine stand which was thinned in 1994/5, mostly RP SL with scattered WP SL and a trace amount of HW poles/SL, u.s. is RP poles and WP saps, designated as POG in draft OG plan, recommend retaining as SCA
43	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	13.0	90		conifer swamp with fairly equal mix of WP/BF/NWC, some hardwood islands with RM & WB, wet terrain with heavy BF understory thru-out, scattered XL WP and hardwoods also
44	429 - Mixed Upland Conifers	High Density Pole	34.3	Uneven Age	1-50	HW SL and scattered R/W pine SL overtop WP/BF saps, scattered pockets of NWC/Hemlock, 2 aged with older HW's and younger pine, very heavy u.s.
47	42260 - Natural Pine, Mixed Deciduous	High Density Pole	5.1	45	111-140	small stand of TA/WP/RP, was probably regenerated with the stand to the south in Compt 120, supercanopy RP with TA and WP poles in the u.s. (2 aged), small size stand with a high pine component on a pine site
48	6120 - Lowland Cedar	High Density Pole	8.9	90		cedar swamp cut by numerous drainages with lowland brush, seasonally wet
49	4311 - Pine, Aspen Mix	High Density Pole	12.2	Uneven Age	111-140	hardwoods with WP coming on strong in the u.s., stand is 2 aged and HW's are already declining, in spots the HW's and WP appear to be mostly the same age - probably cut with treatments in adj. compt's, other spots are 2 aged with HW SL and SP saps, scattered XL R/W pine, scattered pockets of hemlock and some solitary hemlock in wetter portions of the stand



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
3	310 - Herbaceous Openland	2.3	N/A	Unspecified	
5	622 - Lowland Shrub	2.2	N/A	Unspecified	
7	622 - Lowland Shrub	2.5	N/A	Unspecified	
8	50 - Water	5.1	N/A	Unspecified	
10	6225 - Bog	1.7	N/A	Unspecified	
12	310 - Herbaceous Openland	2.6	N/A	Unspecified	
14	310 - Herbaceous Openland	6.7	N/A	Unspecified	
15	623 - Emergent Wetland	18.7	N/A	Unspecified	
17	6225 - Bog	7.9	N/A	Unspecified	
22	622 - Lowland Shrub	4.8	N/A	Unspecified	
25	623 - Emergent Wetland	86.6	N/A	Unspecified	
28	622 - Lowland Shrub	54.5	N/A	Unspecified	
29	310 - Herbaceous Openland	5.0	N/A	Unspecified	
31	6225 - Bog	1.9	N/A	Unspecified	
34	622 - Lowland Shrub	19.3	N/A	Unspecified	
38	310 - Herbaceous Openland	1.2	N/A	Unspecified	
39	310 - Herbaceous Openland	5.2	N/A	Unspecified	
45	623 - Emergent Wetland	13.4	N/A	Unspecified	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
46	622 - Lowland Shrub	4.5	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
11	Unique Site - SCA	71117011	10.9	part of original old growth plan - should be retained as SCA
13	Unique Site - SCA	71117013	2.6	WP/Oak stand starting to develop all-aged structure
23	Unique Site - SCA	71117023	24.2	part of original old growth plan - should be retained as SCA
26	Unique Site - SCA	71117026	9.9	natural WP stand (dry-mesic northern forest) with lots of blowdown/CWD, part of riparian corridor
33	Unique Site - SCA	71117033	14.3	possibly thin in 10 years to enhance OG characteristics
40	Unique Site - SCA	71117040	53.0	possibly thin in 10 years to enhance OG characteristics
42	Unique Site - SCA	71117042	40.6	possibly thin in 10 years to enhance OG characteristics
44	Unique Site - SCA	71117044	34.3	add to SCA layer, 2 aged going towards all-aged



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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