



	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	141	122	101	0	0	0	8	0	0	0	0	0	0	0	372
Bog	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46
Herbaceous Openland	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40
Jack Pine	0	0	0	17	0	0	14	0	0	0	0	0	0	0	0	31
Low-Density Trees	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	84
Lowland Aspen/Balsam Poplar	0	0	30	96	10	0	0	0	0	0	0	0	0	0	0	136
Lowland Deciduous	0	0	25	50	0	12	11	10	80	57	0	0	0	0	60	306
Lowland Mixed Forest	0	0	12	15	0	0	0	0	10	6	0	0	0	0	0	43
Lowland Shrub	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	95
Mixed Upland Deciduous	0	0	41	57	18	8	14	31	0	12	0	0	0	0	17	197
Natural Mixed Pines	0	39	0	0	0	0	0	0	0	0	0	0	0	0	0	39
Northern Hardwood	0	0	0	0	0	0	0	0	30	13	0	0	0	0	0	43
Oak	0	0	0	23	0	44	9	0	0	30	0	0	0	0	0	106
Red Pine	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	12
Tamarack	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	10
Treed Bog	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23
Upland Shrub	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Urban	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
White Pine	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	6
<b>Total</b>	<b>309</b>	<b>180</b>	<b>229</b>	<b>364</b>	<b>33</b>	<b>64</b>	<b>48</b>	<b>60</b>	<b>120</b>	<b>124</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>77</b>	<b>1609</b>



## Table 2 – Proposed Treatment Summaries

**Gladwin Mgt. Unit**  
**Year of Entry 2013**

**Compartment 065**  
**Total Compartment Acres: 1609**

### Acres by Treatment Type

Commercial Harvest - 90	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

	Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
<b>Aspen</b>	8	0	0	0	0	0	8
<b>Jack Pine</b>	7	0	0	0	0	0	7
<b>Lowland Deciduous</b>	0	7	10	0	0	0	17
<b>Mixed Upland Deciduous</b>	0	0	0	12	0	0	12
<b>Northern Hardwood</b>	0	10	0	25	0	0	35
<b>Red Pine</b>	0	0	0	12	0	0	12
<b>Total</b>	<b>14</b>	<b>17</b>	<b>10</b>	<b>49</b>	<b>0</b>	<b>0</b>	<b>90</b>



Stand	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
1	73065001- Sel	9.9	4112 - Maple, Beech, Cherry Association	Medium Density Pole	75	Harvest	Single Tree Selection	4112 - Maple, Beech, Cherry Association	Cmpt. Review Proposal

Prescription Remove aspen and ash, mark large red maple to achieve residual BA of 60. Do not cut any other species.

Specs:

Other To be harvested with adjacent comp 64 stand 23 to west, which is an out of YOE treatment held to be harvested with this compartment.

Comments: Objective is to put stand on uneven aged management system due to windthrow hazard, and to retain trees as "pumps" to avoid reverting to non-forested wetland after harvest. There is mortality occurring in aspen.

Next

Steps:

4	73065004-SW	12.6	4119 - Mixed Northern Hardwoods	Medium Density Log	47	Harvest	Shelterwood	4119 - Mixed Northern Hardwoods	Cmpt. Review Proposal
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Prescription Harvest all aspen using contract specification. In addition, mark red maple to reduce BA to 50. Do not cut any oak or birch.

Specs:

Other Stand age is 75, not 47. Objective is to maintain aspen in stand, possibly increase oak and birch component via seeding, and regenerate maple

Comments: both from stump sprouts and seeding.

Next

Steps:

83	73065083 - SW	11.7	4199 - Other Mixed Upland Deciduous	High Density Pole	81	Harvest	Shelterwood	4199 - Other Mixed Upland Deciduous	Cmpt. Review Proposal
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Prescription Remove aspen by specifying in contract. In addition, mark red maple for removal to reach residual BA of 60. Do not cut trees of any other

Specs: species.

Other Objective is to regenerate all species currently present in stand by regenerating aspen by cutting, possibly increasing oak and birch from seed

Comments: source, slightly increasing white pine, and regenerating maple from stump sprouts and seed. Harvest during dry or frozen conditions, non-negotiable.

Next

Steps:

98	73065098 - CC	7.5	4130 - Aspen	High Density Log	65	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal
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Prescription Final harvest during dormant and dry or frozen conditions (non-negotiable). Do not cut any red pine, birch, oak, jack pine or cherry. These

Specs: species will be between 3 and 10% of BA and will serve as retention.

Other Aspen is old but can regenerate if cut during dormant conditions.

Comments:

Next

Steps:

99	73065099 - SW	12.0	42210 - Natural Red Pine	Medium Density Log	65	Harvest	Shelterwood	42290 - Natural Mixed Pine	Cmpt. Review Proposal
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Prescription In areas where red pine has BA greater than 50, reduce red pine BA to 50. Harvest all jack pine. Do not cut any other species.

Specs:

Other Diverse stand grading from dense red pine to sparser jack pine with a small hardwood component. Stand meets silvicultural criteria based on

Comments: red pine BA. Do not want to final harvest red pine as there 12 acres of it in compartment. This harvest will begin to regenerate red pine, may regenerate some jack pine naturally, may increase the oak and tamarack component slightly, and will slightly increase the white pine component in the stand.

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
125	73065125 - ST	9.8	6115 - Lowland Ash	High Density Log	61	Harvest	Seed Tree with Reserves	6139 - Mixed Lowland Forest	Cmpt. Review Proposal

Prescription: Harvest ash and aspen. Do not harvest red maple, oak, birch or elm. These species will serve as retention by BA.

Specs:

Other: Harvest during dry or frozen conditions, non-negotiable, or do not cut.

Comments:

Next

Steps:

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**Total Treatment  
Acreage Proposed: 63.5**

**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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#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



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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  
Comments:

Next  
Steps:

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**Total Treatment  
Acreage Proposed: 0**



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	4112 - Maple, Beech, Cherry Association	Medium Density Pole	9.9	75	81-110	75% upland, except NW corner, which is dense, pole-sized E type. Aspen is dying.
2	4119 - Mixed Northern Hardwoods	Low Density Pole	7.7	75		Sparse with dying aspen too old to regen. 20% very shallow low areas; lot of shallow microrelief.
3	6113 - Lowland Maple	Medium Density Log	70.8	75	51-80	tr of PB, BC (canopy)
4	4119 - Mixed Northern Hardwoods	Medium Density Log	12.6	75		Dissected NE to SW by drain with swamp g, TA and M. Poor site similar to st 2 and 1 but better. S end more hummocky and wet: would need to exclude from treatment. NOT MUCH REGEN. Tr of Black ash, choke cherry (canopy), serviceberry (sub).
6	6113 - Lowland Maple	Medium Density	12.0	86		Far SW end is willow. Swamp grass grnd cov. Larger timber @ S end: N end mostly saps/poles over L. Tr of aspen (can)
8	6113 - Lowland Maple	Low Density Sapling	19.2	27		Alder, swamp grass and sparse trees
9	4119 - Mixed Northern Hardwoods	Medium Density Log	12.8	86		Barely upland. 15-20% low shallow areas: stand is operable. Not a quality stand. Aspen mostly dead. SE - centr against st 10 sparse or small RM. S 1/5 denser, more vol but more hummocky with heavy red maple saps: couldn't thin due to blowdown concerns. . Similar to st 4. Tr of tam.
12	4131 - Aspen, Oak	Medium Density	94.4	5		Final harvested spring '06. Was poor site but regenerated well considering. Aspen only head high and branchy after 5 years, but fairly healthy. Tr of W, Tam. SI 55
13	6139 - Mixed Lowland Forest	Low Density Pole	7.8	27		Trace O' birch in canopy.
18	6113 - Lowland Maple	Low Density Sapling	6.8	47		Tr of tam (can); honeysuckle, MI holly and T in sub
19	4130 - Aspen	Medium Density	11.5	17		SI 60. Tr of RM, Serviceberry, BO
22	6114 - Lowland Oak	Low Density Sapling	25.0	17		Heavy rutting when harvested. Slowly regenerating: stocking level is fairly good. Tr of W, T, B in canopy.
23	6119 - Mixed Lowland Deciduous Forest	Medium Density Pole	4.9	47		GC = marsh grass
25	4125 - Black, N. Pin Oak	Low Density Pole	39.2	47		Sparse oak and very decadent Aspen. Slowly fillin in w/ oak sdlg/saps, which are just getting above deer browse line (have been browsed)
26	6113 - Lowland Maple	Low Density Sapling	30.9	24		SI 60



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
29	6131 - Hemlock, White Pine, Maple, Birch	Medium Density Pole	5.6	89		Small drain that runs into molasses river. Tr of hemlock in canopy.
31	4130 - Aspen	High Density Sapling	18.5	27		10% lowland. Tr of T, PO, B (canopy), W, TA (sub)
32	6119 - Mixed Lowland Deciduous Forest	High Density Pole	9.6	74		Tr of B, elm (canopy); willow (sub). Grnd cover iris and swamp grass. "True lowland hardwoods": deep water and sheet flow.
36	4130 - Aspen	Low Density Sapling	32.3	5		Cut approx '06: final harv. SI must be fairly low: aspen is 6-9 ft high after 5 yrs. 10-20% shallow lowland. Tr of W (can) and Will, SVCB and TA (sub)
40	6121 - Tamarack	Low Density Sapling	4.9	30		1st age estimated because was bog last YOЕ, and will not be managed until rotation age if ever. Ground cover leatherleaf/blueberry.
41	4130 - Aspen	High Density Sapling	10.8	17		Tr of W, CC in subcanopy.
43	4121 - Oak, Aspen	High Density Sapling	4.8	50		Harvest '06 leaving 2 aged st w/ 50 yr old oak 25 ft tall, and new A regen.
44	4130 - Aspen	High Density Sapling	12.8	27		Tr of W, BC (can), BO, Rose, Hawthorne, currant, CC (sub)
46	4130 - Aspen	Medium Density	17.2	17		Drain (narrow) bisects NW to E. 5-10% lowland. Tr of W, C, CC (can), T (sub)
48	4199 - Other Mixed Upland Deciduous	Medium Density	5.1	27		Trace O' bigtooth aspen (canopy), RO, Hazel, chokecherry, dogwood in subcanopy.
54	6112 - Lowland Aspen	Low Density Sapling	4.9	17		Swamp grass ground cover. Tr of PO (can)
55	4199 - Other Mixed Upland Deciduous	Medium Density Pole	16.9	Uneven Age		A very decadent birch "overstory" dead. Sparse original stand slowly filling in so all aged. Most of stand upland (hummocky) except for 5-10% lowland shrub patches. Tr of Pumpkin ash (canopy) and willow, white oak, wp and alder in understory.
56	6119 - Mixed Lowland Deciduous Forest	High Density Log	35.5	Uneven Age		Tr of RP (can), C, Hem and CW (sub)
57	6112 - Lowland Aspen	High Density Sapling	17.5	17		Tr of RM, PO, BA (can), W, HAW, Currant (sub)
59	4130 - Aspen	High Density Sapling	9.7	27		Tr of RM, BO in canopy
60	4125 - Black, N. Pin Oak	Medium Density Pole	5.3	47		Fairly sparse: low volume but filling in. Tr of J, W (can), R (sub)



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
61	4199 - Other Mixed Upland Deciduous	Low Density Sapling	14.8	17		Grades from wetter and barely forested at E end to more upland and 45% crown and more oak at west. Also a few pole sized oak at W end. Tr of Pumpkin ash, B (canopy), alder, R, W (sub)
63	6112 - Lowland Aspen	Low Density Pole	4.8	27		Very wet area where drainage widens: formerly part of stand 70. Barely forested.
64	6112 - Lowland Aspen	Medium Density	7.9	27		Sensitive fern grnd cov- light but fairly uniform. Tr of SWO, Willow, PO (can) and B, T, R and SVCB in sub.
65	4130 - Aspen	High Density Pole	38.3	27		Much higher aspen % than st 74, and more dense. Dissected by numerous small drains to molasses river. Wetter toward river: total 20-25% lowland. Tr of B, WO, BC, R, BF (canopy), BO (sub)
66	4191 - Mixed Upland Deciduous with Conifer	Medium Density Pole	7.6	46		Ave BA estimate: 60 - 80. NOT aspen stand: What aspen there is is decadent and poor quality. MO in future should be uneven aged mgt of W, O and RM. Tr of chokecherry in subcanopy.
67	6131 - Hemlock, White Pine, Maple, Birch	High Density Log	9.9	74		Tr of Red oak in subcanopy
68	4199 - Other Mixed Upland Deciduous	Medium Density	16.0	27		15% lowland. Generally more sparse and much less aspen than st 70. Scattered mixed conifer seedlings. Tr of JP and WO in overstory, WP, JP, WO in understory.
69	4125 - Black, N. Pin Oak	Low Density Sapling	5.5	27		V and bracken understory.
73	4130 - Aspen	Medium Density	7.8	4		Apple tree from homestead adjacent to 2-track. Tr of WO, R (canopy), Rose in understory.
75	6119 - Mixed Lowland Deciduous Forest	Medium Density Pole	25.0	Uneven Age		Many of the stands in this compartment were on marginally wet ground that should have been harvested while dormant, or perhaps not at all. Therefore many stands have low density, including those that meet silvicultural criteria and therefore are regen concerns. Tr of Elm (canopy); TA, HAZ and W (sub).
76	4125 - Black, N. Pin Oak	Low Density Pole	7.5	27		WP damaged by weevil. Tr of R in canopy.
77	6112 - Lowland Aspen	High Density Sapling	7.5	17		
78	4130 - Aspen	Low Density Sapling	7.0	1		RP is supercanopy trees. Tr of Birch.
81	42260 - Natural Pine, Mixed Deciduous	Low Density Sapling	38.6	1		Trace of bigtooth aspen.
82	4199 - Other Mixed Upland Deciduous	Medium Density	12.8	25		Tr of R (canopy), HAZ, W (subcanopy)



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
83	4199 - Other Mixed Upland Deciduous	High Density Pole	11.7	81		Shallow microrelief, dissected by cedar drainage, but upland. West 1/5 is lowland. Drainage runs north-south and continues through stand 90. Trace of cedar and white ash in canopy.
85	6112 - Lowland Aspen	High Density Sapling	10.0	39		Tr of PO, C (can), W, BB (sub)
86	42200 - Natural White Pine	Medium Density Pole	6.0	81		Tr of RO, Yellow B in canopy, SVCB in sub.
87	4199 - Other Mixed Upland Deciduous	Medium Density Pole	18.4	37		Tr of Choke ch, Cedar (canopy)
88	4199 - Other Mixed Upland Deciduous	High Density Pole	7.3	50		
89	4125 - Black, N. Pin Oak	Medium Density	9.7	25		More dense and less pine at west end. Vac. ground cover. Red pine size actually LSP.
92	4130 - Aspen	High Density Sapling	23.0	19		Tr of choke cherry, RM, B (canopy) and W, MI holly (under)
93	4125 - Black, N. Pin Oak	Low Density Log	3.9	50		meets stand rules b/c: upland vs low with st 96 and 91; decid vs coniferous with st 97. Tr of B, W, CC (can)
96	6126 - Lowland Jack Pine	Medium Density Pole	7.6	50		Ground cover V, dogwood and moss. Tr of QA, R in canopy.
98	4130 - Aspen	High Density Log	7.5	65		Trace of Choke cherry, jack pine, cedar, hemlock and white pine in canopy, and white pine and tag alder in subcanopy.
99	42210 - Natural Red Pine	Medium Density Log	12.0	65	111-140	90% of stand dry enough to plant (wet at far south end). Far more of a red pine than jack pine site: lot of J dead, very poor form or suppressed. False private posting near tree stand at north end of easternmost polygon. Trace of white oak and tamarack in canopy, red maple, pin oak, bigtooth aspen and white pine in subcanopy.
101	6119 - Mixed Lowland Deciduous Forest	Medium Density Log	32.4	81		Tr of B, BO, in canopy, W, TA in sub.
103	6126 - Lowland Jack Pine	Medium Density	16.9	25		Patch of L/lowland aspen at SW end tht is seeding heavily into bog. Far E end has more pole sized J. Trace of W, Tam in canopy.
104	6119 - Mixed Lowland Deciduous Forest	Medium Density Pole	4.9	50		Lowland but dry now during wet spring so operable. Trace of swamp white oak, WP in canopy. Blueberry ground cover: also some bracken, wintergreen and moss.
105	6126 - Lowland Jack Pine	Low Density Pole	6.3	50		Leatherleaf/blueb grnd cov. Tr of R (can), PO (sub). Low volume, cannot be re-planted because too wet given current equipment.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
107	4125 - Black, N. Pin Oak	Medium Density Log	21.5	89		Tr of WO, T (canopy) and CC, W, TA, RM, SVCB (sub)
108	4199 - Other Mixed Upland Deciduous	High Density Pole	6.9	50		5-10% low or hummocky. Tr of B (can), HAZ, DGWD, W, WO (sub)
109	6112 - Lowland Aspen	High Density Pole	42.9	27		Tr of E, W, B, BA (canopy), Aut olive and hazel (sub)
113	6117 - Lowland Deciduous, Mixed Coniferous	Low Density Log	6.0	50		Moss, V, iris in ground cov. Broken out of p.i. stand 121.
115	4199 - Other Mixed Upland Deciduous	Low Density Pole	23.3	27		Large diversity in diameters and ages. Repeated burning knocked back aspen and favored oak, which is slowly filling in. Like similar stands in compartment, this is good red pine site and could be interplanted if trenching could be timed for late summer dry conditions or a skidder that could operate in occasional shallow wet depressions was available. 10% lowland shallow depressions with dogwood and blueberry/leatherleaf.
117	4125 - Black, N. Pin Oak	Medium Density Pole	8.7	85		First age (from PI) seems like it may be too old. 15% hummocky on E central and SW ends. Aspen is ready to harvest but is small component: could harvest RM and aspen if Oak is treated. Oak sawlog trees arent very big (12") and are small component of stand which is mostly poles/saps: hold until volume higher and can do overstory removal. Tr of SVCB, B in sub.
118	6112 - Lowland Aspen	Low Density Sapling	40.8	27		Aspen very low SI (55 per last OI) and diseased (thyronectria?). Will succeed to oak/map/tam/aspen: NOT AN ASPEN SITE. 40+% upland but LOT of lowland interspersed, with blueberry, grey dogwd and alder.
119	6139 - Mixed Lowland Forest	Medium Density Pole	7.1	27		W end sparser and wetter with more hardwoods. 30% upland. Tr of B, SWO, R (canopy), TA, grey dogwood (subcanopy)
121	6139 - Mixed Lowland Forest	Low Density Sapling	12.5	14		Harvested in '96: sale # 3-'94. Tr of J, W, R in canopy.
122	6119 - Mixed Lowland Deciduous Forest	High Density Log	13.1	85	81-110	40% very wet with ash (far west and east and along southern edge). The rest is hummocky and easily operable. Excellent red maple sapling advanced regeneration in drier areas, fair regen in wet areas. Trace of yellow birch, tamarack and choke cherry in canopy, white pine in subcanopy. Ave BA = 103. BA swings: 120, 140, 100, 40, 120, 90, 110, 90, 110, 110.
125	6115 - Lowland Ash	High Density Log	9.8	61		Trace of Birch in canopy.
126	4133 - Aspen, Mixed Pine	Medium Density	17.3	11		25-30% lowland.
128	4130 - Aspen	High Density Sapling	8.8	11		Only aspen stand South of highway that regenerated well. Tr of CC (can) and autumn olive and hazel (sub-canopy)

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## Gladwin Mgt. Unit

## 5 – Forested Stands

Compartment: 065  
Year of Entry: 2013

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
131	4139 - Aspen, Mixed Deciduous	Medium Density	9.2	11		N end a narrow E drainage w/ swamp grass grnd cov. SE end sparse w/ pole sized RM. Trace of willow in canopy (tree).
132	4191 - Mixed Upland Deciduous with Conifer	Low Density Sapling	25.7	11		
134	6121 - Tamarack	Low Density Sapling	5.0	27		V ground cov. Closer to treed bog at N end. Ridge through stand; runs E to NW. Tr of W, Serviceberry, choke cherry in canopy; TA and dogwd in sub.
135	4130 - Aspen	Medium Density	16.3	17		Eclectic stand consisting of narrow E type drainage (same as st 129) and the narrow upland portions of st 134 and 145 that regenerated to aspen. Lumped because stands 134 and 145 are non-forested. 35% lowland. Tr of elm, po (canopy) and PO, CC, B, HAZ, Rose (subcanopy)
138	4199 - Other Mixed Upland Deciduous	Medium Density Log	30.9	61		S end with heavy RM regen. N end more sparse. Mgt: could clearcut or do 4 inch D cut. Doesn't meet silvicultural criteria as M type, so probably hold. Will also help with age class diversity. Grnd cov bracken/wintergreen.
140	4130 - Aspen	Low Density Sapling	7.3	27		Much of comp has small R component that has good SI, where a lot of the aspen is doing poorly. Could convert some areas to red pine in future per red pine project. Tr of red pine (canopy), wp (sub)
141	4130 - Aspen	Low Density Sapling	14.5	27		Should be planted to J but not operable for current trencher in LP. Trace of B, serviceberry, W, R (can) and BO (sub)
143	4130 - Aspen	Medium Density	7.4	16		Tr of J, B, W, sugar maple in canopy, TA in sub.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
5	6220 - Alder/willow	11.3	No	Unspecified	Willow
7	3103 - Rubus-Fern	2.3	No	Unspecified	
10	3102 - Grass	1.4	No	Unspecified	33% bracken
11	3102 - Grass	1.0	N/A	Unspecified	
14	3303 - Mixed Low Density Trees	5.7	No	Unspecified	B, BO, Serviceb, QA, RM: failed regen: was heavily forested.
15	6220 - Alder/willow	52.3	No	Unspecified	
16	3102 - Grass	1.3	No	Unspecified	33% bracken
17	6225 - Bog	1.0	No	Unspecified	Succeeding to dogwood.
20	3205 - Mixed Upland Shrub	1.8	No	Unspecified	Bracken, sedge, upland shrubs, scattered O, RM seedlings: browsed.
21	6220 - Alder/willow	1.7	No	Unspecified	V ground cov. Dogwood and tr of A.
24	3103 - Rubus-Fern	3.9	No	Unspecified	East 60% failed clearcut (same origin as pre-inv stand 21). 5 - 10% O, RM, serviceb
27	3302 - Low Density Conifer Trees	2.5	No	Unspecified	Old road grassed in plus additional grassy area. Could be managed WLD site.
28	310 - Herbaceous Openland	1.2	N/A	Unspecified	
30	3202 - Autumn Olive/Honeysuckle	9.2	Yes	Unspecified	Unidentified upland shrub, bracken, sedge, trace of honeysuckle. Cover type 3202 is closest cover type code; no autumn olive in stand.
33	3302 - Low Density Conifer Trees	1.1	No	Unspecified	
34	6220 - Alder/willow	1.1	No	Unspecified	Honeys, TA over V with scattered B, RM, O, T.
35	6220 - Alder/willow	3.4	No	Unspecified	Young TA and honeysuckle, some upland with grass, bracken. Shallow water.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
37	3303 - Mixed Low Density Trees	8.1	No	Unspecified	Oak, W, Tam
38	3301 - Low Density Deciduous Tree	12.3	No	Unspecified	A, BO, Tam, RM. Light ok seed/saps, just getting above deer browse line.
39	6224 - Treed Bog	1.8	No	Unspecified	Tam, A, RM
42	3102 - Grass	1.2	Yes	Unspecified	Road through stand is being damaged and eroded by ORV's need to block. SUBMIT RDR FORM.
45	3302 - Low Density Conifer Trees	1.1	No	Unspecified	
47	6220 - Alder/willow	13.2	No	Unspecified	Alder, willow over V with fair amount of RM, O and trace of T and W. Some iris in ground cov.
49	3102 - Grass	1.0	N/A	Unspecified	
50	3102 - Grass	3.7	No	Unspecified	Grass with some sweet fern, A, W
51	3102 - Grass	1.1	No	Unspecified	
52	622 - Lowland Shrub	4.7	N/A	Unspecified	
53	3103 - Rubus-Fern	5.6	No	Unspecified	
58	3102 - Grass	1.7	No	Unspecified	Bare soil in middle
62	3103 - Rubus-Fern	1.1	No	Unspecified	
70	122 - Road/Parking Lot	9.2	N/A	Unspecified	
71	6225 - Bog	8.2	No	Unspecified	15-20% dogwood, scattered J, B, W, O. Portion of old OI stand 19 that didn't regenerate.
72	6220 - Alder/willow	1.2	No	Unspecified	
74	3301 - Low Density Deciduous Tree	23.5	Natural Regen	Mixed Upland Deciduous	PUT STAND ON REGEN TIMECLOCK



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
79	6225 - Bog	1.1	No	Unspecified	Scattered RP mature trees, seedlings and saplings, as well as O and M.
80	622 - Lowland Shrub	3.5	N/A	Unspecified	
84	3103 - Rubus-Fern	3.2	No	Unspecified	
90	3301 - Low Density Deciduous Tree	1.1	No	Unspecified	BO, A, W with Tr of autumn olive, TA and other shrubs.
91	3301 - Low Density Deciduous Tree	3.0	No	Unspecified	Oak saps with some RM, J, W, A: Barely upland (shallow moss depressions)
94	6224 - Treed Bog	1.6	No	Unspecified	A, J, leatherleaf.
95	6225 - Bog	5.2	No	Unspecified	Bog with some dogwood, and 5 - 10% A, Tam, J
97	3301 - Low Density Deciduous Tree	1.4	No	Unspecified	O, A, W, C, CC over raspberry, TA, Willow.
100	6225 - Bog	1.9	No	Unspecified	
102	6220 - Alder/willow	1.0	No	Unspecified	TA, few O.
106	6225 - Bog	3.9	No	Unspecified	Nearly treed bog: T, J, O, RM, QA
110	6224 - Treed Bog	3.3	No	Unspecified	J, R, T, O, A
111	6225 - Bog	21.9	Planted	Unspecified	Final harvested 2005. Trenched and seeded with Jack Pine 2008. Regenerating well to J, RM, R. Expect adequately stocked forested stand, but because it cannot currently be called forested, refer to TMS for further monitoring.
112	6224 - Treed Bog	16.2	No	Unspecified	> 15% trees: J, Tam, Tr of W, QA.
114	6225 - Bog	1.6	No	Unspecified	5% low quality aspen, and filling in with J and R.
116	3103 - Rubus-Fern	1.2	No	Unspecified	Berm bypassed but light use of road. O filling in.
120	3303 - Mixed Low Density Trees	2.8	No	Unspecified	2 broad grassy roads with oak filling in.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
123	3103 - Rubus-Fern	1.2	No	Unspecified	Some G, A, W
124	330 - Low-Density Trees	1.9	N/A	Unspecified	
127	6220 - Alder/willow	1.2	No	Unspecified	Willow roughly 50%, over swamp grass.
129	3102 - Grass	1.1	N/A	Unspecified	
130	3103 - Rubus-Fern	2.1	No	Unspecified	Upland ridge higher than stand 145. Filling in with oak (5 - 10%)
133	3103 - Rubus-Fern	1.8	No	Unspecified	Some G, sweet fern.
136	330 - Low-Density Trees	5.4	N/A	Unspecified	
137	6225 - Bog	1.7	No	Unspecified	
139	3301 - Low Density Deciduous Tree	13.9	No	Unspecified	Barely 15% trees: RM 50%, QA 40% PO 10%. Tr of W, J, R and T. 65 - 70 % upland. 17 yr old failed clearcut.
142	3103 - Rubus-Fern	3.3	No	Unspecified	Few pole sized O. Could plant to R if there was enough acreage.



**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

Compartment 65  
 T18N, R02E, Sec. 6,7,18  
 County: Gladwin  
 Unit: Gladwin  
 YOE: 2013  
 Acres: 1,688 GIS Calculated  
 Stand Examiner: Mark Reichel  
 Map Revised: 10/26/2011  
 Map Phase: Pre-Review

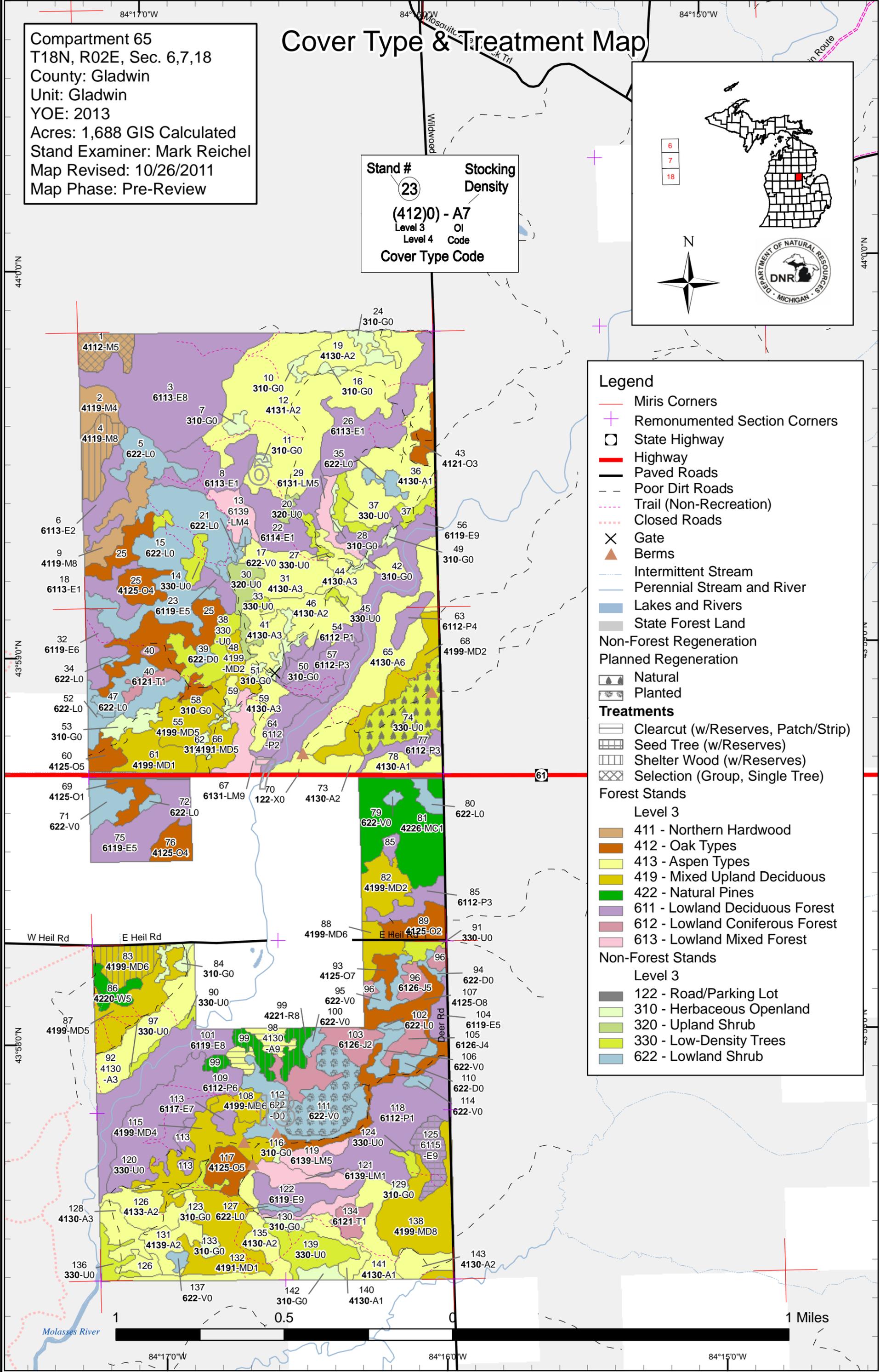
# Cover Type & Treatment Map

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



**Legend**

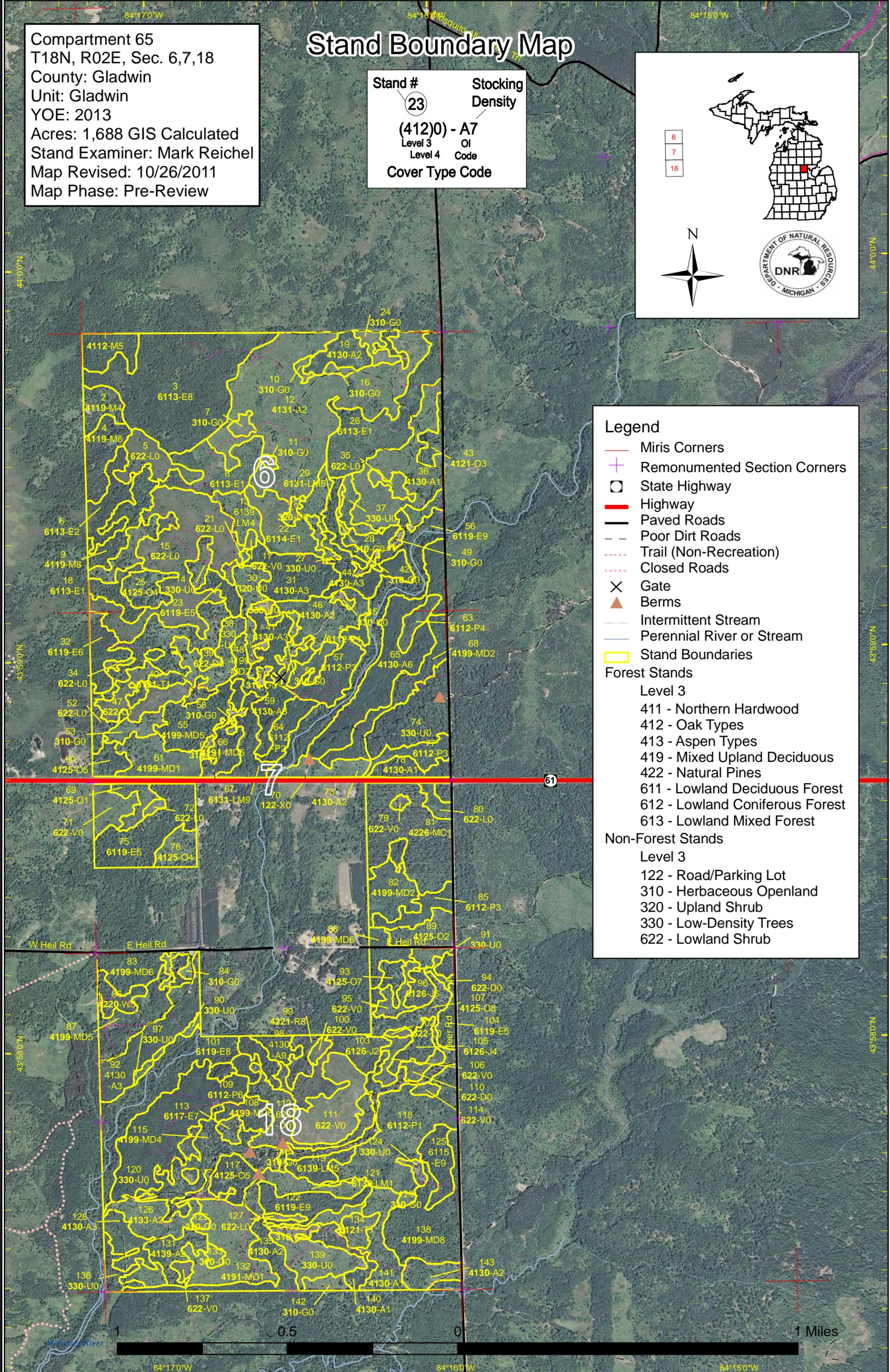
- Miris Corners
- Remonumented Section Corners
- State Highway
- Highway
- Paved Roads
- Poor Dirt Roads
- Trail (Non-Recreation)
- Closed Roads
- Gate
- Berms
- Intermittent Stream
- Perennial Stream and River
- Lakes and Rivers
- State Forest Land
- Non-Forest Regeneration
- Planned Regeneration
  - Natural
  - Planted
- Treatments**
  - Clearcut (w/Reserves, Patch/Strip)
  - Seed Tree (w/Reserves)
  - Shelter Wood (w/Reserves)
  - Selection (Group, Single Tree)
- Forest Stands**
  - Level 3
    - 411 - Northern Hardwood
    - 412 - Oak Types
    - 413 - Aspen Types
    - 419 - Mixed Upland Deciduous
    - 422 - Natural Pines
    - 611 - Lowland Deciduous Forest
    - 612 - Lowland Coniferous Forest
    - 613 - Lowland Mixed Forest
- Non-Forest Stands**
  - Level 3
    - 122 - Road/Parking Lot
    - 310 - Herbaceous Openland
    - 320 - Upland Shrub
    - 330 - Low-Density Trees
    - 622 - Lowland Shrub



Compartment 65  
 T18N, R02E, Sec. 6,7,18  
 County: Gladwin  
 Unit: Gladwin  
 YOE: 2013  
 Acres: 1,688 GIS Calculated  
 Stand Examiner: Mark Reichel  
 Map Revised: 10/26/2011  
 Map Phase: Pre-Review

# Stand Boundary Map

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



**Legend**

- Miris Corners
- + Remonumented Section Corners
- State Highway
- Highway
- Paved Roads
- Poor Dirt Roads
- Trail (Non-Recreation)
- Closed Roads
- × Gate
- ▲ Berms
- Intermittent Stream
- Perennial River or Stream
- Stand Boundaries

**Forest Stands**

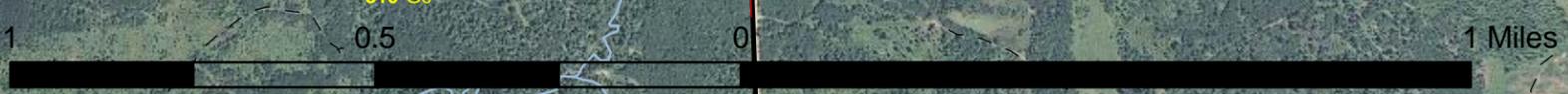
Level 3

- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest

**Non-Forest Stands**

Level 3

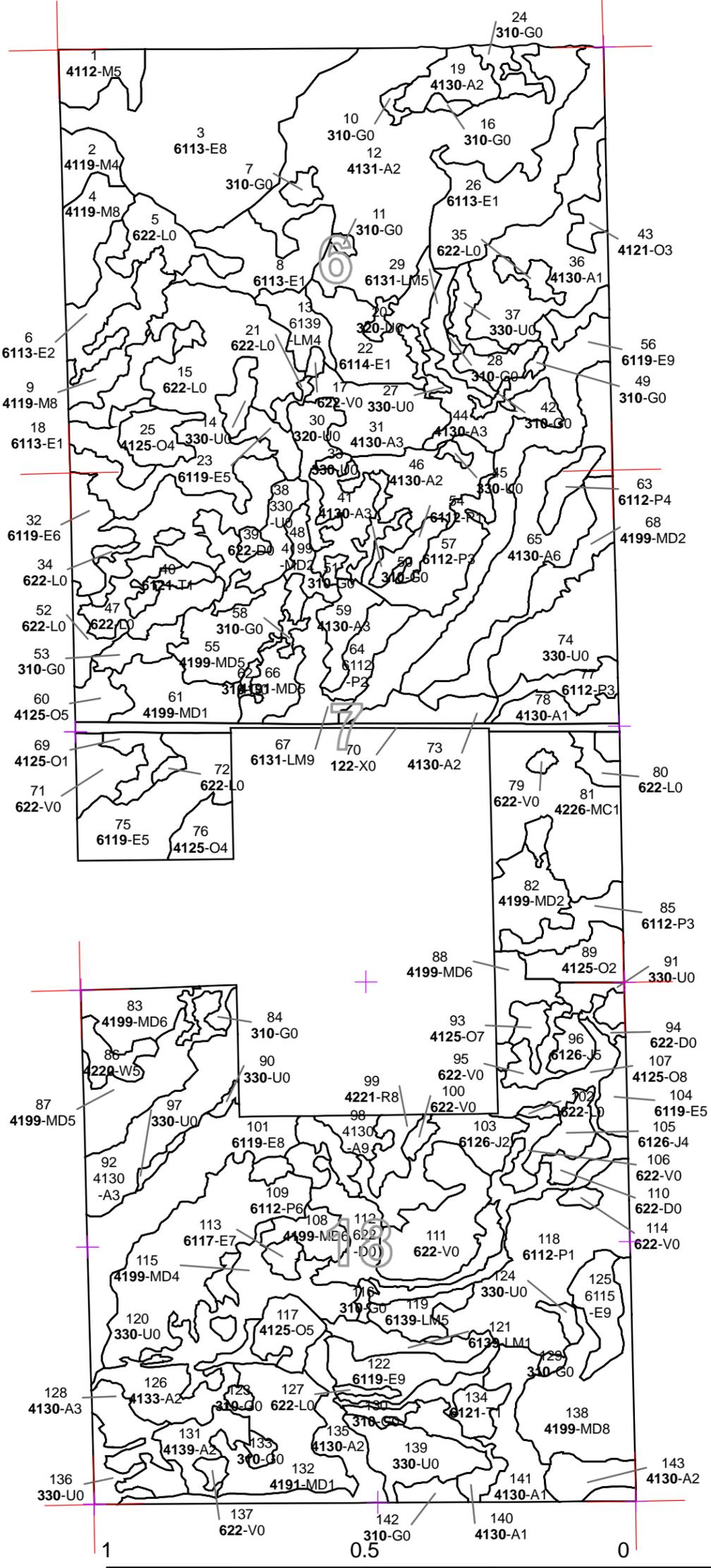
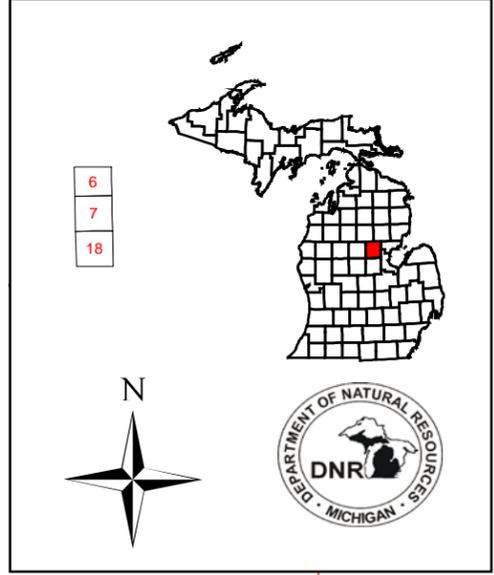
- 122 - Road/Parking Lot
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low-Density Trees
- 622 - Lowland Shrub



Compartment 65  
 T18N, R02E, Sec. 6,7,18  
 County: Gladwin  
 Unit: Gladwin  
 YOE: 2013  
 Acres: 1,688 GIS Calculated  
 Stand Examiner: Mark Reichel  
 Map Revised: 10/26/2011  
 Map Phase: Pre-Review

# Dedicated & Proposed Special Conservation Area Map

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



**Legend**

- Miris Corners
- Remonumented Section Corners
- Stand Boundaries

**Proposed Special Conservation Areas**

- SCA - Special Conservation Area
- SCA Removal

**Forest Stands**

**Level 3**

- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest

**Non-Forest Stands**

**Level 3**

- 122 - Road/Parking Lot
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low-Density Trees
- 622 - Lowland Shrub

