

Stand	Cover Type-Dnsty	Under Story-Stkng Level	Age	A c r e s	avg.		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D B H	Tot. BA								
1	E 9	E 1	12	65	14	80	67	swamp hardwoods	old growth (potential or actual)	N		10-19 years	0	
<u>Treatment Limiting Factors:</u>														
Too wet														
comnts Fmd : This stand is part of the LDFFA and is an HCVA.														
2	L 0	L 0	6		0	0		lowland brush	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : The stand is and L-Type of tag alder and willow with some sapling swamp hardwood scattered in the stand. This stand is part of the LDFAA and is an HCVA.														
3	A 4	A 2	10	34	5	20	48	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : The stand is sparse overall with some pocket of A3. There are also some pockets of L-Type in the stand.														
4	A 5	E 2	18	34	6	60	53	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : The north end of the stand has a pocket of Pine. Throughout the stand it is quite variable having pockets of L-Type mixed with wet swales and dry knolls.														
5	E 9	E 1	30	70	16	130	65	swamp hardwoods	mature	N	selection	within 0-9 years	3	natural regeneration
comnts Fmd : The stand is low and wet there appears to be some sort of drainage in the stand. That shows up on DOQ but not on the ground. It could be thinned traking the BA down to 80-90 but not below 80 because of wind throw potential. The stand already has a fair amount of wind throw near the edge of the clearcut. Also a contibuting factor to the wind throw is the present of armolarria root rot on the older trees. Concentrated the removal of tree on the aspen and larger red maple and ash. The stand will have to be harvested in dry or frozen condition. To get a good peiord the sale should be 4 years long. The stand should regeneate well naturally.														
6	A 5	E 2	32	34	6	40	55	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : The stand is patchy being wet in the south and dry out too some extent north. Overall the stand is wet with pockets of dryer ground.														
7	E 6	E 1	14	70	8	70	46	swamp hardwoods	immature	N		10-19 years	0	
comnts Fmd : Stand is low and wet and heavy to ash. The ground cover in the stand is heavy to tag alder and michigan holly. The trembling aspen and balsam popular have mostly died out.														
8	A 2	O 2	48	14	2	0	60	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Stadn is a mix of upland and lowland. Overall the stand on A2 with a component Red Maple and oak on the ridges and oak, maple, and ash in the lowland. There are pockets pf N-Type and L-Type.														
9	B 5	O 3	5	66	6	50	50	oak	mature	Y		50-59 years	0	
<u>Treatment Limiting Factors:</u>														
Retention of stand for regeneration purposes (ie. shelterwood)														
comnts Fmd : Stand is on a high ridge of probably Rubicon sand. Let the birch die out and the thick O3 understory take over the stand. The oak regeneration in the stand is mainly black oak. The conversion will probably happen in the next 10 years.														
10	A 6	E 2	44	34	6	70	65	aspen (upland)	immature	N		10-19 years	0	
comnts Fmd : The stand has some lower wetter site in the south end that are growing good trembling aspen with SI of approximately 70. The stand get dryer going not and the SI decreases as well. At the middle levels in the stand the SI is approximately 60-60 and the highest area SI are approximately 50-55. These area grade from on to another.														
11	A 3	E 2	23	5	1	0	65	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : clear cut in 2000 the stand has regenerated to a mix of aspen, maple and oak. Overall the aspen is in the highest quantity in number of stems but as the stand ages other species may become more domianate as the aspen goes through natural thinnings..														

Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acres	Age	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA	Site Indx							
12	L 0	L 0	10		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : The stand is in a depression that hold water much of the year and is heavy to tag alder and willow at the current time.														
13	A 6	E 2	19	35	6	90	65	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : The stand overall is wetter but the aspen is doing well. On the moister sites the aspen look to have a SI of approximately 70 and as the stand elevation goes up the SI drops to 60-65 at mid slope and 50-55 on the upland areas. These area grade into on another. The stand overall looks like it does dry out in summer.														
14	A 3	O 2	34	5	1	0	60	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : clearcut in 2000. The stand is a mixture of knolls ans swales. The ground cover on the knolls is bracken fern in the swales it is shrub 2-4 feet. The stand has numerous aspen clones scattered around the stand with black oak, red oak, and hybrid oak moer uniformly scattered. There is also pockets of W3. The stand overall is well stock but the aspen and oak appear to be fairly equal in stem numbers. The low wet area in the stand have substaintal rutting and in these area there is very little aspen regen and the oak regen is mainly seed source.														
15	R 9	X 0	13	46	14	120	63	red pine	immature	N		10-19 years	0	
comnts Fmd : In sept. 2000 all the hardwood was removed from the red pine. The stand is on a droughty Rubicon sand ridge that drop off quickly to the east and west. Currently the stand has 120 BA so hold the stand 10 years then clear cut and replant.														
16	E 6	E 1	3	75	10	90	60	swamp hardwoods	old growth (potential or actual)	N		10-19 years	0	
comnts Fmd : This stand is part of the LDFAA and is and HCVA.														
17	A 6	O 1	10	34	7	70	65	aspen (upland)	old growth (potential or actual)	N		20-29 years	0	
comnts Fmd : The stand is similar to stand 10 but has a component of bigtooth aspen in the easter 1/3 of the stand. The stand is part of the LDFAA and is a HCVA.														
18	A 2	A 2	4	14	0	0	60	aspen (upland)	old growth (potential or actual)	N		50-59 years	0	
comnts Fmd : This stand is part of the LDFAA and is a HCVA.														
19	A 6	E 3	5	34	7	70	65	aspen (upland)	old growth (potential or actual)	N		20-29 years	0	
comnts Fmd : The stand is similar to stand 10. This stand is part of the LDFAA and is a HCVA.														
20	A 3	O 2	32	15	2	0	50	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : The stand is regenerating well with pockets of E3 in depression and on the ridges and upland A3O2. There should be some poles in the stand next YOY. Also in the stand are small pockets of L-Type.														
21	L 0	L 0	136		0	0		lowland brush	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : The stand is a large lowland brush type with a scattering of red maple and ash. Some small area along the edges of the stand are E6 of mainly green and black ash most are less then 1 ac in size.														
22	A 2	O 2	10	5	1	0	60	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : clearcut in 2000. The stand has regenerated as a mixture of aspen and oak. The asper regeneration is patch and and in clones the oak on the other hand is evenly distributed. There are pockets in the stand that low and wet containing red oiser dogwood.														

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Stand	Cover Type-Size Dnstry	Under Story-Stkng Level	Acrs	Age	avg.		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D B H	Tot. BA								
23	N 0	N 0	5		0	0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd :														
24	A 6	O 2	3	59	9	90	60	oak	mature	Y	shelterwood-seed	within 0-9 years	1	natural regeneration
comnts Fmd : The stand is hummocky and could be harvested. Remove the aspen to promote the oak and to address visual management.														
25	A 5	O 2	2	33	7	50	50	aspen (upland)	old growth (potential or actual)	N		20-29 years	0	
comnts Fmd : The stand is a mix of aspen and oak poles with some maple present. There are also pocket of E4/L in the stand. The stand is part of the LDFAA and is a HCVA.														
26	A 6	O 2	5	33	7	90	50	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Stand is a mis of aspen and oak. Some parts of the stand have very good red maple regeneration.														
28	E 5	E 2	5	70	6	40	48	swamp hardwoods	sparse	N		10-19 years	0	
comnts Fmd : The stand is mainly and E5 made up of ash and maple which grades to paper birch going west.														
29	A 4	A 1	4	60	8	30	50	aspen (upland)	old growth (potential or actual)	Y		20-29 years	0	
Treatment Limiting Factors: Delayed treatment for age/size class diversity														
comnts Fmd : LEAVE TO SHIELD POWERLINE. This stand is part of the LDFAA and is an HCVA.														
30	E 4	L 0	4	70	8	30	55	swamp hardwoods	old growth (potential or actual)	N		20-29 years	0	
comnts Fmd : This stand is part of the LDFAA and is an HCVA.														
32	Z 0	Z 0	2		0	0		water	nonstocked	N		not scheduled	0	
comnts Fmd :														
33	A 3	A 3	16	8	1	0	60	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Area has regenerated well as an A3. There does appear to be a pocket where there is some kind of disease where the old landing was. But overall the stand is healthy and has a ground cover of bracken fern and grass.														
35	A 5	O 2	10	30	5	40	56	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : The stand is on a ridge and is starting to show poles. The mix is fairly even between trembling aspen and black oak.														
36	L 0	L 0	7		0	0		lowland brush	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : The stand is mainly a L-Type of tag alder and willow with an inclusion of N-Type that was a Z-Type in 1998.														
37	E 6	E 2	34		7	70	50	swamp hardwoods	immature	N		not scheduled	0	
comnts Fmd : The stand is a wetter stand with pockets of dry. Overall the stand is wet and the stand is wetter from north to south.														

Stand Number	Cover Type- Size Dnstry	Under Story- Stkng Level	A c r e s	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
				Age	B H								
38	N 0	N 0	16	0	0		marsh	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : The stand does have some water in it but it is not as extensive as show on the 1998 photos. Currently it is more of a marsh type with tag alder and willow around the edges of the stand.													
40	V 0	V 0	28	0	0		bog or muskeg	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : stand is a mix of leather leaf and low shrubs.													
41	A 4	A 3	17	30	5	20	60	aspen (upland)	immature	N	30-39 years	0	
comnts Fmd : Stand is regenerating well and is a mix of upland and lowland. The upland ground cover is blueberry/bracken fern and the low land other herb. The main tree species is trembling aspen mixed with red maple, white pine, and black oak. The bourn is hummocky and many small area will hlood water in the spring. On the higher ground in the east end of the stand the aspen has not yet started showing poles.													
42	Q 6	Q 2	6	45	6	80	48	mixed swamp conifer	immature	N	not scheduled	0	
comnts Fmd : This stand is a swamp conifer stand that goes around an area of leather leaf that is seeding in to Q. The ground cover is mainly huckleberry and blue berry with some bracken fern													
43	Z 0	Z 0	7		0	0		water	nonstocked	N	not scheduled	0	
comnts Fmd : This is a fairly new beaver flooding.													
44	A 3	O 2	51	14	2	0	60	aspen (upland)	immature	N	40-49 years	0	
comnts Fmd : The stand is regenerating to a light A3 with the species mix of trembling and bigtooth aspen, black cherry, white pine and black oak. Of these trees trembling aspen is the major species. The stand has some very dry areas having the ground cover sweet fern and raindeer moss and the wet areas of tag alder.													
45	A 4	A 2	16	30	5	30	56	aspen (upland)	immature	N	20-29 years	0	
comnts Fmd : The stand is just becoming a pole stand. The stand should be an A6 in 10 years. The species are mainly trembling aspen, red maple and oak. The stand has a residual oak overstory along the Molassas flood plain.													
46	L 0	L 0	14		0	0		lowland brush	nonstocked	N	not scheduled	0	
comnts Fmd : The stand is part of the Molassas river flood plain and is a L-Type of tag alder and willow.													
49	A 5	A 2	70	30	5	60	55	aspen (upland)	immature	N	20-29 years	0	
comnts Fmd : The ORV trail uses to go through the stand it is now a grassy trail with now real disturbance to the soil now though it is still easy to follow.													
50	L 0	L 0	18		0	0		lowland brush	nonstocked	N	not scheduled	0	
comnts Fmd : The stand is a L-Type with area of grass and marsh.													
51	E 9	E 1	44	70	18	110	70	swamp hardwoods	mature	N	not scheduled	0	
comnts Fmd : The stand is on the molasses river flood plain. The ground is spongy and wet all year round. The trees on the plain are large and very shallow rooted. There are many wind throws in the stand and in those area there is some regeration becoming established.													
52	V 0	V 0	5		0	0		bog or muskeg	nonstocked	N	not scheduled	0	
comnts Fmd : This stand is a leather leaf bog with not much else in it. There are some white pine, black spruce and tamerack popping up but they are widly scattered. There is a small pocket of black spruce in the south east corner of the stand.													

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	A c r e s	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA								
53	O 2	O 2	4	5	1	0	60	oak	immature	N		60-69 years	0	
comnts Fmd : The stand was cut in 2000 and has regenerated as a medium stocked oak stand. It is really sparse in the west end becoming fully stocked in the east end. The trees are a mix fo black, red, and white oak with some aspen clones and a few maples. The ground is very hummocky and wet.														
54	A 5	O 2	27	48	6	50	55	aspen (upland)	immature	N	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : This stand is slightly dryer then stand 55. Currently it is a medium stocked stand and has a mix of trembling aspen, red maple and black oak. The soil is wet so rutting could be a problem so harvest on dry or frozen condition. The stand is expected to regenerate natuarlly to a mix of aspen, maple and oak. When harvesting retain the scattered oak. If natural regeneration does not occur interplant pine.														
55	A 4	E 1	14	48	5	20	44	aspen (upland)	mature	N		not scheduled	0	
<u>Treatment Limiting Factors:</u> Too wet														
comnts Fmd : Stand sparse, low and wet having the ground cover of leather leaf and blueberry.														
56	E 5	E 2	10	50	8	40	60	swamp hardwoods	immature	N		10-19 years	0	
comnts Fmd : This stand is a long wet swale. Much of the larger overstory trees are now die off and have mainly a pole maple stand.														
57	W 6	W 3	19	77	6	70	55	white pine	immature	N		30-39 years	0	
comnts Fmd : Stand is variable going from fully stock to poorly stocked; from sawlogs to pulpwood. The stand has been impacted in the past by a beaver flooding which is now no longer holding water. The growth on the younger white pine is good at about 1.5' per year the older white pine does not have that amount of growth and are also getting weeviled. The stand also goes from white pine north to upland maple oak in the south end of the stand.														
58	Z 0	Z 0	12		0	0		water	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : beaver flooding														
59	E 2	L 0	29	8	1	0	50	swamp hardwoods	immature	N		60-69 years	0	
comnts Fmd : The stand was flooded in the last YOE but now has drained and is seeding in to swamp hardwood. Currently the stand is an E2/L but it looks like it will fill in to full stocking in time.														
60	A 2	O 2	16	5	1	0	60	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : clearcut in 2000 and has regenerated to a level 2 sockitm of aspen and oak. The stand has areas that are thick with regeneration and other area that are very sparse and closer to a L-Type.														
61	E 9	E 2	30		14	70	60	swamp hardwoods	mature	Y	selection	within 0-9 years	3	natural regeneration
comnts Fmd : The stand has pockets of L-Type in it as well as a ridge of fairly dry land. The stand could be harvested removing the aspen and making regeneration hole in area where the aspen stocking is lower. Keep the harvest on the ridge and do not go into the lower wetter ground if it can be avoided because of rutting problem and windthrow problem. The harvest is a low priority and has low volume if harvested. The stand if it is cut should regenerate naturally to mixed hardwood heavy to maple with some pocket of dense asper regen this is acceptable.														
64	O 3	W 2	21	25	3	0	55	oak	immature	N		40-49 years	0	
comnts Fmd : The stand is mainly an O3 with residual oak in the overstory. Also the stand the oak is intermixed with jack pine, white pine, red pine, and tamarack. The white pine and jack pine is at a level 3 stocking in areas.														
66	J 5	J 2	10	45	6	60	48	jack pine	immature	N		10-19 years	0	
comnts Fmd : The stand is a J5 with area that are seeding in with jack pine, white pine and red pine. The jack pine in the stand has semi-serotinous cone and on the trees about 85% of the cone are open.														

Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acres	Age	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA	Site Indx							
67	A 5	A 2	10	30	5	50	50	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : The stand has a mix regeneration of trembling aspen, paper birch, black oak, and tamerack. There is also pockets of tag alder in the stand. The regeneration looks healthy. The ridges in the stand are A6 and the swales are E4 or L-types so overall the stand is a medium stocked stand.														
108	O 2	O 2	16	14	2	0	50	oak	immature	N		60-69 years	0	
comnts Fmd : The stand is a ridge along stand 21 and around stand 9. It is an O2 of mainly black oak with some red oak and hybrid oak. The stand has a pocket of O1/L along the east side of stand 9.														
115	R 9	X 0	2	46	14	120	63	red pine	old growth (potential or actual)	N		10-19 years	0	
comnts Fmd : In sept. 2000 all the hardwood was removed from the red pine. The stand is on a droughty Rubicon sand ridge that drop off quickly to the east and west. Currently the stand has 120 BA so hold the stand 10 years then clear cut and replant. The part of the stand that is north of the Sterling Truck Trail is part of the LDFAA and is an HCVA.														
125	A 5	O 2	23	33	7	50	50	aspen (upland)	old growth (potential or actual)	N		20-29 years	0	
comnts Fmd : The stand is a mix of aspen and oak poles with some maple present. There are also pocket of E4/L in the stand. The stand is part of the LDFAA so it is a HCVA.														
126	A 6	O 2	16	33	7	90	50	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Stand is a mis of aspen and oak. Some parts of the stand have very good red maple regeneration.														
135	A 5	O 2	2	30	5	40	56	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : The stand is on a ridge and is starting to show poles. The mix is fairly even between trembling aspen and black oak.														
142	Q 2	Q 2	3		2	0	43	mixed swamp conifer	immature	N		not scheduled	0	
comnts Fmd : This stand is mainly a treed bog. The trees that are present are white pine, red pine, jack pine, tamerack, and black spruce. The ground cover goes from marsh grass in the center of the stand to blueberry/leather leaf to leather leaf/labrador tea/blueberry to blueberry/huckleberry.														
144	F 4	F 2	4	43	4	20	29	spruce-fir (uplands-including upland black spruce)	immature	N		20-29 years	0	
comnts Fmd : This stand is a piece of a larger stand come in from compartment 51. It should be treated with that compartment. The stand is extremely vairable stand, blanted to spruce in 1963. Pockets (inclusion) of A4/J4 and scattered tamerack.														
145	B 5	M 1	3	50	9	50	50	aspen (upland)	mature	N	final harvest	within 0-9 years	2	natural regeneration
comnts Fmd : Stand should be treated with compartment 48. The stand will probably not regenerated to birch but should come back as an aspen/red maple stand which is acceptable. If it does not regenerate natural plant with red pine.														
146	N 0	N 0	14			0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : This stand is part of the Mollasses River flood plain that was flooded out by beaver activity.														
151	E 9	E 1	10	70	18	110	70	swamp hardwoods	mature	N		not scheduled	0	
comnts Fmd : The stand is on the molasses river flood plain. The ground is spoungy and wet all year round. The trees on the plain are large and very shallow rooted. There are many wind throws in the stand and in those area there is some regeration becoming established.														

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GLADWIN FOREST MGT UNIT

Stand Level Information

Compartment: 47

Entry Year: 2008

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acres	Age	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA	Site Indx							
160	A 3	O 1	5	20	1	0	70	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : This stand was cut with the compartment to the north compartment 44.														
166	J 4	J 2	29	45	5	30	40	jack pine	immature	N		10-19 years	0	
comnts Fmd : This area has the ground cover of leather leaf/blueberry with the cover type of jack pine, tamerack, with scattered white pine and red pine. In the stand there are a few pockets of J6 with a J2 between the pockets. The stand could almost be classified as a D-Type.														
400	G 0	G 0	2					grass	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Stand is part of a maintain powerline easment. This stand is part of the LDFAA and is a HCVA.														
401	G 0	G 0	6					grass	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Stand is part of a maintain powerline easment. This stand is part of the LDFAA and is a HCVA.														
402	G 0	G 0	10					grass	nonstocked	N		not scheduled	0	
comnts Fmd : Stand is part of a maintain powerline easment.														
403	G 0	G 0	21					grass	nonstocked	N		not scheduled	0	
comnts Fmd : Stand was a beaver flooding but now it is drained and mainly a wet meadow.														
Total Acres.....			1275											