

Stand	Cover Type-Size Dnsty	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	Tot. BA								
1	L0	L0	2			0	55	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Tag alder stand delineated out of stand 2 from last inventory. Some scattered red maple but very few. Dense lowland brush.														
2	A3	L0	9	5	0	0	69	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Sale final harvest in winter 1999/2000 with the "Lost Dog Sale" 057-97-01. Fair to good regeneration. Small area on the south line where it is a little wetter and is coming back to red maple and not aspen.														
3	E6	E3	7	81	8	90	47	swamp hardwoods	mature	N	delayed removal	within 0-9 years	3	
<u>Treatment Limiting Factors:</u> Too wet Water quality/bmps														
comnts Fmd : Mostly ash regeneration with some elm and red maple mixed. The elm is only getting to about 8 inches in diameter and dying off. There are also small pockets of cedar here but no cedar regeneration in the understory. There is also an intermittent stream flowing almost through the middle of the stand in a north/south direction. Too wet to harvest even in the coldest winter without causing damage to the stream. If a cut every does occur in the future, leave all cedar.														
4	C6	E3	14	81	9	90	31	cedar	immature	N		not scheduled	0	
comnts Fmd : Heavy blow down in the northern end. Dense pockets of balsam fir in areas but majority is young ash. Keep cedar for deer cover. May eventually convert completely over to a lowland hardwood type. Flowing stream goes through southern portion from stand 3.														
5	A6	F2	5	62	8	90	53	aspen (upland)	mature	Y	final harvest	within 0-9 years	2	
<u>Treatment Limiting Factors:</u> Blocked by other physical obstacle														
comnts Fmd : Stand would benefit from a final harvest to stimulate the aspen regeneration but there is access problems. A wet cedar stand blocks the south and west sides while private property bounds the north and east.														
6	A4	A3	9	30	6	30	75	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Final harvested in 1975. Very good regeneration in the understory that is just shy of making a pole. Little more oak and balsam fir on the north line. Has a small bberry/sweet fern inclusion in the northeast.														
7	E6	E3	9	75	9	100	60	swamp hardwoods	immature	N		10-19 years	0	
comnts Fmd : This stand is slightly wetter than stand 6. The topography slopes lower to the south into stand 4. The aspen component for the most part is dead and has little regeneration in the stand. The red maple has taken its place in both the overstory and understory. Based on the soil type/condition this is more of the lowland hardwood site than aspen.														
8	A6	A2	65	30	8	120	66	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Cut in 1975. The northern part of the stand has a higher volume of oak and maple in the understory. There are pockets of dense balsam in places and several tag alder inclusions throughout the stand. These inclusions are very wet and have no merchantable timber types growing in them.														
9	A3	A3	22	5	2	0	66	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Good mix of both big tooth and trembling aspen. Final harvested in the winter 1999/2000.														
10	L0	A1	10		0	0	60	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Has some scattered red maples on the outer fringes.														
11	A5	E2	14	74	8	60	60	aspen (upland)	mature	Y	final harvest	within 0-9 years	2	
<u>Treatment Limiting Factors:</u> Too wet														
comnts Fmd : Extremely wet in spots with lowland brush in the understory. The higher ground has a good mix of balsam fir. Very unlikely this could be harvested even in a very dry/cold period. It is influence by the beaver flooding to the south.														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acres	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					BH	Tot. BA								
12	A5	A2	14	28	6	50	55	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Final harvested in 1977 with patchy regeneration. There is about a three acre grassy inclusion in the middle where the aspen is just now starting to fill in with some jack pine. The best aspen is on the south and east sides. Scattered oak throughout also.														
13	N0	N0	3		0	0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Cattail marsh.														
14	F6	F1	2	30	6	70	60	spruce-fir (uplands-including upland black spruce)	immature	N		30-39 years	0	
15	A3	A3	11	7	2	0	62	aspen (upland)	immature	N		40-49 years	0	
16	C6	E3	25	61	7	110	60	cedar	immature	N		not scheduled	0	
comnts Fmd : Calling a C6, however, the stand seems to be converting from a cedar swamp to a hardwood/fir swamp. Considerable blowdown.														
17	A6	O2	4	64	9	70	68	aspen (upland)	mature	Y	final harvest	within 0-9 years	2	
<u>Treatment Limiting Factors:</u> Blocked by other physical obstacle														
comnts Fmd : Similar to Stand 19.														
18	E5	L0	3	70	8	40	60	swamp hardwoods	immature	N		not scheduled	0	
<u>Treatment Limiting Factors:</u> Too wet														
comnts Fmd : E5/L - Broad natural drain with a cedar component. This is a long narrow stand. In some areas the stand resembles an E6 along the edges. Areas of tag alder down center of stand. Marsh grass and is pretty wet.														
19	A6	O2	6	67	9	90	65	aspen (upland)	mature	Y	final harvest	within 0-9 years	2	
<u>Treatment Limiting Factors:</u> Blocked by other physical obstacle														
comnts Fmd : Decent aspen with the stand being on a slope. The stand was painted in from ten years ago but there is no access. If the stand is cut, I would push into stand 18 as much as possible. Not to late to manage for aspen. If not cut - will convert to a mixed oak/maple stand. Decent oak understory in place. (O2 - 3 inch dbh - 20 ft. tall.)														
20	A5	O2	14	45	7	40	50	aspen (upland)	sparse	N		20-29 years	0	
comnts Fmd : Very open grown stand with an A4 type scattered with oak, maple, and pine. Areas of 04/03. High ground/ridges. Scattered white pine with an inclusion of small fir bog at south end.														
21	A4	O2	14	26	4	30	68	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Extremely variable stand O4/A4 - A2/O2. Pockets of balsam fir, red pine, and white pine. Overall stand has a decent understory A2-O2-W1 etc.. Areas of blueberry/leatherleaf ground cover.														
22	R9	M1	5	65	11	220	70	red pine	immature	Y	thinning	within 0-9 years	2	
<u>Treatment Limiting Factors:</u> Blocked by other physical obstacle														
comnts Fmd : Very nice stand of red pine. Not a plantation it is two aged. Big old white pine stumps still intact. Reduce the BA/AC to 120 sq. ft. Individually tree mark trees for removal. Access problems though. This is limited due to "N" type and PVT ownership.														
23	A4	O1	12	55	8	20	60	aspen (upland)	sparse	N		20-29 years	0	
<u>Treatment Limiting Factors:</u> Inadequate volume due to low stocking/small diameter/etc.														
comnts Fmd : Very open grown patchy stand. High ground ridge.														

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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								
24	A3	A3	37	14	3	0	68	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Clearcut in 1991. Excellent mix of natural regeneration. A3/O1 and M1. Some white pinw and oak were left along m-30. Not yet pole size.														
25	W6	N2	5	55	8	130	68	white pine	immature	N		10-19 years	0	
comnts Fmd : Scattered natural stand with scattered aspen.														
26	E6	L3	20	55	8	70	60	swamp hardwoods	immature	N		20-29 years	0	
comnts Fmd : Very wet and low. Higher near M-30. Most of the aspen has gone down over the last few yrs.														
27	U0	U0	2	72	0	0	68	upland brush	nonstocked	N		not scheduled	0	
comnts Fmd : This stand is an Autum olive planting. The west end of the stand is very thick as the east end is almost a G-Type.														
28	A3	E3	15	7	1	0	65	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : The stand has some residual oak left but it is widely scattered with most of it being in the southen end of the stand.														
29	N0	N0	26		0	0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : The stand has tag alder around the edges of the stand and it goes to willow brush, marsh grass, cattails, and areas of open water.														
30	A3	A3	32	7	1	0	65	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : The stand is a light A3 with some opening in it where the stand did not regenerate well. Overall the stand looks good and is doing well. When that stand was harvest some residual was left but it is widely scattered.														
31	A5	A2	37	26	5	60	65	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : The stand is a little smaller in diameter than stand 33 and in 10 years it should be a fully stocked pole stand. The soil in the stand vary from south to north is about 1/2 the stand having Bowers soils, 1/3 of the stand being Croswell soils, and 1/6 the stand having Epohtette soils. This soil go from dryer to quite wet in the same direction form south to north.														
32	A3	A3	33	7	1	0	65	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : The stand is a little on the wet side and the main tree species is trembling aspen but there is a component of balsam popular, oak and red maple present. Overall the stand is an A3 with pockets of L and E-Types.														
33	A6	A2	35	26	7	70	65	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : The stand had the white pine left when it was cut in 1979. Most of the white appears to have been open grown and heavily weeviled. Under the white pine the Trembling aspen is somewhat stunted but now has gain codomancy in the overstory. The soil in the stand gets progressively wetter the futher north and as it does balxam fir starts showing up in significat quantities.														
34	L0	L0	5	27	0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Stand is low and wet with some aspen but it is widely scattered.														
35	W6	N1	66	70	11	100	55	white pine	old growth (potential or actual)	N		10-19 years	0	
comnts Fmd : The stand is undualting with a variation in elevation of about 7-10 feet. Some of the larger diameter white pine trees appears to have been open grown and was heavily weeviled.														

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Stand ID	Cover Type- Size Dnsty	Under Story- Stkng Level	A c r e s	Age	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA	Site Indx							
36	W6	N1	13	59	8	80	65	white pine	old growth (potential or actual)	N		10-19 years	0	
comnts Fmd : The stand is along M-30 and Finkbinder.														
37	M6	N1	5	50	9	130	75	white pine	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Scenic values/visual values														
comnts Fmd : Mixed red pine, white pine, maple, oak and aspen. Small triangle between roads.														
38	L0	L0	4		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : This stand is low and wet and has some swamp hardwood regeneration and poles in it but they are widely scattered.														
39	A5	O1	21	60	12	60	60	aspen (upland)	mature	Y	removal	within 0-9 years	1	
comnts Fmd : Big over mature aspen for the most part. Could probably final harvest all species to 2" and regenerate aspen however due to the fact that the aspen is 10-15 years past its prime, the proximity to the main county road, and wetter areas within the stand I recomend an aspen and birch removal along with individual marking of the soft maple to retain 20-30 BA. Cut no pine. In addition cut no balsam fir along the road for visual. Stand is a mixed species stand now, this harvest is targeting a mixture of regeneration as well.														
40	E6	E2	21	83	12	70	72	swamp hardwoods	high risk	N		20-29 years	0	
comnts Fmd : REMOVED ASPEN AND BIRCH 1998. Regen is mixed E(Maple ash), aspen, and oak. Some of the west end wasn't treated to to exseively wet areas. North end has slightly higher stocking and is fairly wet. Bracken fern on higher areas and sensitive fern or swamp grass in low areas.														
41	E6	E2	11	71	10	80	70	swamp hardwoods	mature	N	removal	within 0-9 years	2	
comnts Fmd : Highly variable stand. Some patches of E4 and some is nice aspen. Due to some wet areas within the stand and the close proximity to county roads an Aspen and birch removal as well as an individual tree marking down to 30-40 BA of mixed maple and pine is recommended. Leave all pine, See green sheet for further details.														
42	A5	A3	17	26	5	40	65	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : A3 converting to A6. Pine was left in some areas.														
43	A6	O2	20	67	11	100	65	aspen (upland)	mature	Y	removal	within 0-9 years	2	
comnts Fmd : Aspen seems to be doing pretty good in thi sarea. Some nice mature and young oak in areas. Soft maple is mainly pulp size and quality. Cut all aspen and birch and thin the remaining species to 50-60BA/AC. Goal for the harvest is mixed oak, maple, pine and aspen. Leave a 50-60 foot no cut buffer along the river(from the top of the drop off). Leave all pine in the stand. The aspen is past its prime and regen may be to patchy for a 2" spec clear cut especially in this highly visible area. Even age management not recommended. Last YOIE Notes said "possible old growth" by mike conley.														
44	A2	F1	26	26	2	0	65	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Dense A3 for the most part. ~10BA of soft maple and some white pine and oak left when cut in 1979. Some nice oak poles coming in along with the aspen regen. North end has more pine. A3/M2 understory is highlighted.														
45	R5	R2	2	33	5	60	50	red pine	immature	N		10-19 years	0	
comnts Fmd : Old borrow pit. Mixed plantation of Jack, red, and white pine.														

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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	Tot. BA	Site Indx							
46	A6	M2	5	67	8	100	65	aspen (upland)	mature	Y	final harvest	within 0-9 years	2	
<u>Treatment Limiting Factors:</u>														
Blocked by other physical obstacle														
comnts Fmd : Decent aspen. All painted in but access is questionable. Stand should be out now to maintain aspen type. Access limited due to an "N" type and private ownership.														
47	A6	F2	3	40	8	80	70	aspen (upland)	immature	N	final harvest	within 0-9 years	1	
comnts Fmd : small area of younger aspen that should be 2" spec clear cut to regenerate aspen. Expand boundaries as much as possible into adjacent timber type to ensure good aspen regeneration.														
48	N0	N0	42			0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Areas of standing water with a lot of beaver activity. Channel of flowing water runs through center of stand.														
49	L0	L0	8	65	0	0	70	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : LO with maple aspen and ash in areas not flooded.														
50	F4	N1	1	40	7	30	40	spruce-fir (uplands-including upland black spruce)	sparse	N		not scheduled	0	
comnts Fmd : grass opening that is filling in with balsam fir, white pine, maple, aspen and a few oaks. Potential landing area for stand 41 treatments														
51	R9	N1	8	77	9	130	65	red pine	immature	N		20-29 years	0	
52	L0	X0	5		0	0		lowland brush	nonstocked	N		not scheduled	0	
53	L0	X0	4		0	0		lowland brush	nonstocked	N		not scheduled	0	
54	E5	X0	2	66	8	60	45	swamp hardwoods	nonstocked	N		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Too wet														
comnts Fmd : E5/LO..WET. Ash swamp with a few scattered large aspen and some LO and E8 inclusions.														
55	E5	E3	3	66	8	40	45	swamp hardwoods	nonstocked	N		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Too wet														
comnts Fmd : E4/LO..WET														
56	L0	L0	3		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Stand is an L-Type with in stand 35. It is mainly tag alder and willow with some widely scattered trees. These trees are mainly around the edges.														
57	L0	L0	2		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Stand is an L-Type with in stand 35. It is mainly tag alder and willow with some widely scattered trees. These trees are mainly around the edges.														

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				Age	B H	Tot. BA								
58	L0	L0	5		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Stand is an L-Type with in stand 35. It is mainly tag alder and willow with some widely scattered trees. These trees are mainly around the edges.														
59	L0	L0	6		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Stand is an L-Type with in stand 35. It is mainly tag alder and willow with some widely scattered trees. These trees are mainly around the edges.														
60	O2	O2	3	7	2	0	60	oak	nonstocked	N		50-59 years	0	
comnts Fmd : The stand is on a higher knoll in stand 135 that did not regenerate well to aspen. The overall stocking level is a 2 but it is very sparse in the NW and thicker in the SE. The species in the stand is mainly oak with some aspen, cherry, and jack pine. Most of the oak that is in the stand is residual that was left after stand 135 was harvested.														
61	L0	X0	17		0	0		lowland brush	nonstocked	N		not scheduled	0	
62	C6	E3	16	81	7	80	31	cedar	nonstocked	N		not scheduled	0	
comnts Fmd : Young ash regeneration 1-2 inches in vast majority of the understory. Several sheet flows/grains feeding into stand 63. Wetter than stand 11 for cutting. Has a high concentration of cedar in areas, but little to no cedar regeneration. Ash is taking its place. High deer numbers.														
63	Z0	Z0	12			0		water	nonstocked	N		not scheduled	0	
comnts Fmd : Beaver flooding. Large dam but the dry period has lowered the water level quite substantially currently. Flowing stream straight through middle.														
65	A6	O3	7	67	8	70	55	aspen (upland)	immature	Y	final harvest	within 0-9 years	1	
<u>Treatment Limiting Factors:</u> Blocked by other physical obstacle														
comnts Fmd : Very similar to stand 46. However more oak and maple here. Stand is a little more humucky as you move south towards the "N" type. Aspen is poor here. Aspen is dying out here already. Converting to an oak/maple stand. To late to maintain aspen here? Access problems limited to "N" type and private ownership.														
104	C6	E3	18	81	9	90	31	cedar	immature	N		not scheduled	0	
comnts Fmd : Heavy blow down in the northern end. Dense pockets of balsam fir in areas but majority is young ash. Keep cedar for deer cover. May eventually convert completely over to a lowland hardwood type. Flowing stream goes through southern portion from stand 3.														
128	A6	E3	3	72	10	90	66	swamp hardwoods	mature	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Scenic values/visual values														
comnts Fmd : The stand is a buffer to Cedar Lake Rd and the private land to the north.														
130	E5	A2	8	72	8	50	60	swamp hardwoods	high risk	N		50-59 years	0	
comnts Fmd : This stand was a buffer in which much of the aspen was removed. The buffer is along Cedar Lake Rd. The width of the buffer varies from 1/2 chain to 2 chains. The stand does go from fairly dry in the south to quite wet in the north.														
132	E6	E2	4	67	10	80	60	swamp hardwoods	immature	N		10-19 years	0	
comnts Fmd : This stand was created when stand 32 was harvest. When the sale was set up the cut line did not go all the way to stand 29. Overall the stand is on a slight ridge that has a few wet pockets in it.														

GLADWIN FOREST MGT UNIT

Stand Level Information

Compartment: 30

Entry Year: 2007

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acres	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA								
135	A3	E1	23	7	1	0	55	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : The stand diameters and size are smaller then stand 32 which was harvest at about the same time. This stand stocking is a light A3 of mainly trembling aspen. There are areas of thick A3 as well as areas that are A2 and L-Types. When the stand was harvest some rutting did occur but it was not extensive and the ruts are not overly deep. The stand when it matures will probably be a fully stocked stand with small opening scattered in the crown.														
139	A5	E2	15	60	10	60	60	aspen (upland)	mature	Y	final harvest	within 0-9 years	2	
comnts Fmd : The aspen in the stand is overmature and need to be harvested. The soils in the stand is hummocky with lots of low knolls and wet depression some retaining stand water most of the year. If the stand is clearcut it may not regenerate so cut to 4" and leave a 2 chain buffer along Finkbinder for visual management. The soils under the stand is about 1/2 Bowers Soil and 1/2 Croswell-AuGres.														
141	A3	X0	63	11	1	0	65	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Excellent A3 for the most part. Mixed aspen, with maple, ash, and paper birch along wet pockets.														
142	A5	A3	5	26	5	40	65	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : A3 converting to A6. Pine was left in some areas.														
143	E5	Q3	6	67	7	60	55	swamp hardwoods	nonstocked	N		not scheduled	0	
<u>Treatment Limiting Factors:</u> Too wet														
comnts Fmd : Us eto be part of stand 43. This portion is very wet and consists primarily of ash andmaple over a dense balsam understory.														
151	W9	N1	4	77	9	130	65	white pine	immature	N		20-29 years	0	
comnts Fmd : Primarily a dense white pine stand with pockets of A3 to O1 regeration.														
228	Z0	Z0	1			0		water	nonstocked	N		not scheduled	0	
328	A5	A2	1	72	6	50	65	swamp hardwoods	mature	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Scenic values/visual values														
comnts Fmd : This stand was created as a visual buffer for Cedar Lake rd. when stand 28 was harvested.														
400	G0	G0	1			0	69	grass	nonstocked	N		not scheduled	0	
403	G0	G0	2			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Some of the aspen regeneration from stand 2 has been filling into this stand. A two-track on the extreme west line is used by private individuals to access property to the south of this state 40.														
Total Acres..... 1038														