

* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
1	A 6	E 3	37	78	9	80	52	northern hardwood	mature	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Too wet Inadequate volume due to small acreage</p> <p>comnts Fmd : Drainage down center of stand. SE portion is wet. Only a few operable acres along private. Variable stand with mature aspen, pole-sized birch, few supercanopy red oak, and maple/ash in low areas. 99 comments: Survey work needed. Stand buffers adjacent dwellings and road. Mixed upland and lowland hardwoods. Some nice red oak with good advanced regeneration. Not much upland acreage for management.</p>														
2	O 9	M 2	13		9	100	60	oak	unevenaged	Y	shelterwood-prep	within 0-9 years	2	
<p>comnts Fmd : Diverse upland stand with gentle microrelief very shallow flooded areas) bisected by defined drainage (probbly no permit) parallell to and near road. All ages of oak, including some good quality red oak, and some nice mature aspen. Becomes wetter going south but still operable. 2" spec on all but oak and birch. Where oak/birch BA is greater than 70 after species removal, mark additional birch, then oak with orange for removal for target BA of 70. Where total BA is less than 50, green mark additional trees to maintain BA closer to 70. Use shortwood spec. to avoid landing and big operation near homes and road. Decking should be at North end where drier. Harvest dry-frozen, NON-NEGOTIABLE. '99 comments: Survey work needed. Stand buffers road and dwelling. Mixed oak/maple. Some nice red oak. South half of stand is a seasonally wet, upland site. North half is very wet, heavy to lowland brush and marsh vegetation. Upland portion could be managed with adjacent stands.</p>														
4	A 3	A 3	5	31	4	0	50	aspen (upland)	immature	N		20-29 years	0	
<p>comnts Fmd : Small timber for '78 YOO, which confirms the low SI. About 15% red maple, birch and oak. Good aspen regeneration. More open at the south end. Scattered oak were left.</p>														
5	E 9	E 2	27	77	11	100	75	swamp hardwoods	mature	N	selection	within 0-9 years	2	
<p>comnts Fmd : Aspen is over-mature and rotting. Stand is seasonally wet, with scattered vernal ponds. Healthy maple, oak, ash understory. Also, some scattered red oak and beech throughout. Survey line may be needed.</p>														
6	U 0	G 1	21	7	0	0	65	red pine	in process of regeneration	N		within 0-9 years	0	planting
<p>comnts Fmd : Scattered small aspen patches, heavy rose, viburnum and sedge. Heavy browse and insect galls on the very little oak regen present. Plant red pine (1st) or jack pine (2). Upland with easy access. '01 comments: Good advanced oak reproduction. Some nice red oak. Remove overstory to release oak understory. Cut to 2" dbh. Mark some scattered oak trees to leave. Leave patch of white pine out of sale area. Leave tamarack along marsh. Post review comments: Leave the white pine, white birch and tamarack along the marsh. Stay out of the transition zone, consider a buffer. Cut in sale called Marsh Corridor; Sale # 73-019-01-01</p>														
7	P 4	P 2	64	27	5	30	65	balsam poplar & swamp aspen and swamp white birch	mature	N		20-29 years	0	
<p>comnts Fmd : L type under canopy in many places. Aspen 48%, maple 25%, oak 10%. Scattered supercanopy oak along ridge on E edge of stand. 99 comments: Good aspen regeneration on the high ground, poorer in the low areas. Patches of lowland brush and swamp aspen throughout stand.</p>														
8	P 6	E 2	11	82	9	110	55	balsam poplar & swamp aspen and swamp white birch	mature	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Too wet</p> <p>comnts Fmd : Aspen is rotting and falling down. Let stand convert to lowland hardwoods. Very poor quality, probably too wet to manage commercially. BSA Midland to Mackinaw hiking trail runs through stand.</p>														
9	L 0	V 0	11					lowland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Diverse stand with 45% L at east end, 35% V, 10% Z, 10% N. Mix of tag alder, dogwood, marsh grass, leatherleaf and blueberry.</p>														

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					B	Tot. BA								
10	L 0	N 0	16	16	0	0	55	lowland brush	sparse	N		not scheduled	0	
<p>comnts Fmd : Clearcut in '93 (sale 84-92). Regen completely failed. Has converted to tag alder, marsh grass, honeysuckle, willow, rose, and trace of sensitive fern with occasional oak, aspen or maple. Prescribed for planting 10 years ago but now too wet. '99 comments: Plant or seed to mix of jack pine and white pine. FTP has been submitted (3/00). This stand was clearcut in 1993, TS# 84-92-1. This was a fully stocked stand prior to harvest. It was cut in the summer. There is very poor aspen regeneration. Maple stump sprouts are heavily browsed.</p>														
11	A 3	M 2	91	27	3	0	58	aspen (upland)	low quality	N		20-29 years	0	
<p>comnts Fmd : Roughly 20 ac in west central portion of stand has severe hypoxylon and secondary cytospora infection, with 50 to 80% mortality. This is offsite aspen and should be planted to pine. Either 1) hold until merchantable, clearcut and plant pine, or 2) hold until enough of stand has died that non-commercial harvest is not necessary, then plant to pine. '01 comments: Fairly good aspen reproduction, mostly on the high ground. Somewhat patchy, poorer reproduction on the low ground. 1990 COMMENT: This was cut in summertime. The reproduction is not what it should be for this stand. Some places are very sparse. Probably should have been cut in winter. May have to break up this stand in the future by stand density.</p>														
12	A 2	M 1	61	16	2	0	65	aspen (upland)	immature	N		30-39 years	0	
<p>comnts Fmd : Clearcut in 1993, summer harvest. TS# 84-92-1. Poor regeneration. 60% hummocky. 25% maple, 5% oak, 2% birch.</p>														
13	A 2	M 2	16	16	2	0	65	aspen (upland)	immature	N		30-39 years	0	
<p>comnts Fmd : Hummocky with L understory in small areas. 12% oak, 17% maple, 5% birch. Clearcut in 1993, summer harvest. TS# 84-92-1. Poor regeneration. Patches of lowland brush and grass with little to no aspen or maple.</p>														
14	A 2	A 2	19	16	2	0	62	aspen (upland)	immature	N		30-39 years	0	
<p>comnts Fmd : Harvested '93. Density varies from A3 to A1. Scattered pockets of L/N but mostly upland. Some evidence of ery low level of hypoxylon/cytospora infection that is in stand 11.</p>														
15	A 2	P 2	39	16	2	0	55	aspen (upland)	immature	N		30-39 years	0	
<p>comnts Fmd : Varies from A3 to P1. Maple, birch, oak present: total 20%. Thyronectria (primary) and cytospora infection in aspen and red maple in central portion of stand, mild at this time- no severe basal necrosis, unlike stand 11. 2001 comments: Clearcut in 1993, winter harvest. TS#85-92-1. Excellent regeneration on the high ground, stems 8-12 ft. tall. Somewhat less in the low areas. This stand was cut in the winter, whereas the stands east of the flooding (12, 13 and 14) were cut in the summer. The difference in reproduction is striking. This stand responded much better to clearcutting than the stands cut in the summer. Future harvests in this area should probably occur in the winter in order to maximize regeneration.</p>														
16	P 5	A 3	73	28	5	50	58	balsam poplar & swamp aspen and swamp white birch	immature	N		20-29 years	0	
<p>comnts Fmd : Very wet, dissected by ridges. L/N pockets, especially at SE end.</p>														
17	P 4	L 0	68	28	5	30	60	balsam poplar & swamp aspen and swamp white birch	immature	N		20-29 years	0	
<p>comnts Fmd : Lot of wet, hummocky ground with L/N inclusions. Just reaching pole size on uplands: Large amount of L. Good P3 component on uplands, P1 in low areas.</p>														
18	Z 0	Z 0	165				0	marsh	nonstocked	N		not scheduled	0	
<p>comnts Fmd : KAWKAWLIN FLOODING. WILDLIFE MANAGEMENT UNIT. 95% flooded this spring. Adjacent E types are flooded at same water level. L type surrounding open water on edges, with a few L and E type islands, primarily at N end.</p>														
19	N 0	Z 0	37				0	marsh	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Cattails. Scattered pockets of Z type, lowland brush along edges and scattered pockets throughout. Some beaver activity in the past.</p>														

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					D	B Tot. BA								
20	E 4	E 2	19	52	6	30	50	swamp hardwoods	immature	N		20-29 years	0	
comnts Fmd : Portions are operable. Understory is decent, E3 in places. Some beaver activity in the past.														
21	Z 0	Z 0	14			0		water	nonstocked	N		not scheduled	0	
comnts Fmd : BEAVER PONDS. Current beaver activity here and in adjacent stand 7. Flooded area with scattered standing snags. Stand has large marsh component as well.														
22	V 0	V 0	13			0		bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : BOGS AND/OR MUSKEG. SOME SMALL BEAVER PONDS INCLUDED. Mostly blueberry and leatherleaf. Lowland brush (tag alder and dogwood) at the south end. Scattered tamarack.														
23	E 5	L 0	33	57	7	50	55	swamp hardwoods	immature	N		20-29 years	0	
comnts Fmd : Highly variable stand. Poor quality hardwoods, just reaching pole size. Portions are very wet with tag alder and dogwood. Portion of stand is flooded, lot of standing dead oak and ash. About 3 BA each of cottonwood, aspen, cherry, green ash, red maple.														
24	E 4	E 3	12	30	5	30	51	swamp hardwoods	immature	N		50-59 years	0	
comnts Fmd : Just reaching pole size with lot of dogwood and alder. Possibly operable at rotatin age. NE corner higher and could be cut next time stand 12 is cut. Age estimated.														
25	E 6	E 1	19	67	9	80	60	swamp hardwoods	immature	N		20-29 years	0	
comnts Fmd : Few acres are operable but most is very wet. West end adjacent to flooding is at same water level. BA in operable portion is too low to harvest due to windthrow hazard. Buffer for the flooding.														
26	E 6	E 1	22	77	9	70	50	swamp hardwoods	mature	N		10-19 years	0	
comnts Fmd : Mixed hardwoods, mostly lowland. Small upland portion is inaccessible. Low areas very wet E4/E5 with sparse to moderately sparse E regen or L. 15 BA of cherry, swamp white oak, birch.														
27	E 6	E 2	10	33	9	80	65	swamp hardwoods	immature	N		40-49 years	0	
comnts Fmd : Lot of birch and a few aspen at north end, which is more upland and operable. Adjacent to Kawkawlin Flooding.														
28	P 2	L 0	6	16	2	0	55	balsam poplar & swamp aspen and swamp white birch	immature	N		30-39 years	0	
comnts Fmd : Poor aspen reproduction. TS# 85-92-1. Cut in 1993. Wet site. 20% ash and 5% red maple. Tag alder almost as tall as aspen.														
29	E 6	E 1	14	82	9	110	47	swamp hardwoods	mature	Y		not scheduled	0	
Treatment Limiting Factors: Too wet														
comnts Fmd : Most of stand is too wet to manage. Buffer for flooding. Tag alder and dogwood, dense to very sparse. Small upland at NE end adjacent to flooding. Cottonwood and black ash also present.														
31	N 0	N 0	23			0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Patches of standing dead hardwoods and lowland brush. 15% open water.														
32	E 6	E 2	23	52	8	110	65	swamp hardwoods	immature	N		20-29 years	0	
comnts Fmd : Poor stand. Heavy dogwood and other L type in areas. East end of stand is slightly drier and has better quality timber. Intermittent drainage runs through stand. Parallel road and drainage through stand (drainage may be a bad road- water is high now).														

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					B	Tot. BA								
33	E 5	E 1	19	62	7	60	65	swamp hardwoods	low quality	N		10-19 years	0	
comnts Fmd : Not operable. Very wet stand, brushy except in center along drainage. Low quality hardwoods, except at the north end. Intermittent drainage runs through stand. Almost pure ash.														
34	N 0	N 0	6			0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Open water, cattails, grass, L, ash encroaching on sides.														
35	Z 0	Z 0	23			0		water	nonstocked	N		not scheduled	0	
comnts Fmd : 25% L/N.														
36	N 0	N 0	10			0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : South end is open water and marsh grass. North end is tag alder and dogwood with sparse overstory of sapling/pole size lowland hardwoods. Patches of standing dead timber.														
37	L 0	L 0	6			0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Marsh grass understory. Mostly dogwood, tag alder and willow medium height and density. Very sparse ash cover (3-4 inch diameter) coming in.														
38	Z 0	Z 0	10			0		water	nonstocked	N		not scheduled	0	
comnts Fmd : Lowland brush/marsh around edges (almost 50% of cover. Scattered ash and maple, standing dead.														
39	L 0	L 0	4			0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Tag alder with marsh grass understory.														
40	L 0	L 0	46			0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Tag alder and dogwood over marsh grass. Succeeding to E4/E1, especially southern portion (ash, maple, birch).														
41	M 5	M 2	8	77	9	60	65	northern hardwood	high risk	N		not scheduled	0	
<u>Treatment Limiting Factors:</u> Inferior quality Too wet														
comnts Fmd : Ridge between L types. Good birch and oak component in center. West couple acres is separated by large drainage. Aspen at east end has same severe hypoxylon/cytospora infection as adjacent stand 11. Severe mortality.														
42	P 9	E 1	18	87	12	100	65	swamp hardwoods	mature	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Too wet														
comnts Fmd : Mixed aspen/lowland hardwoods converting to lowland hardwoods, aspen just starting to come down. Inoperably wet at west end; eastern 3/4 is operable.														
44	E 6	E 3	11	77	10	100	62	swamp hardwoods	mature	N		not scheduled	0	
comnts Fmd : North end is inoperably wet. There are a few very wet areas in southern 3/4, but mostly operable.														
45	N 0	N 0	8			0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : 70 % marsh grass, 25% tall willows, 5% Z.														

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					B	Tot. BA								
48	E 2	L 0	4	24	1	0	53	swamp hardwoods	immature	N		50-59 years	0	
comnts Fmd : Variable stand with L, N, and V intermixed. Year of entry and SI estimated. Stand probably too wet to ever manage.														
49	L 0	L 0	17					lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Tag alder, dogwood, willow. Almost half is marsh grass or blueberry/leatherleaf. Some aspen and maple reproduction.														
50	L 0	L 0	57					lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Tag alder and dogwood, with 25% marsh grass and 15% open water. Succeeding to E4/E1 along some margins.														
51	E 9	E 1	17	72	10	80	65	swamp hardwoods	mature	N		not scheduled	0	
Treatment Limiting Factors: Too wet														
comnts Fmd : Very wet, adjacent to Kawkawlin flooding. Scattered patches of lowland brush, heavy at west end. Low quality ash stand. Too wet to manage.														
52	B 1	L 0	4	10	1	0	50	paper birch	sparse	N		40-49 years	0	
comnts Fmd : L type succeeding to Birch, E and P. Year of origin and SI estimated.														
54	L 0	L 0	18					lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Moderately mature alder succeeding to E type.														
106	O 8	M 2	21	71	14	50	57	oak	in process of regeneration	N		within 0-9 years	0	other - specify in remarks
comnts Fmd : Oak is not regenerating. Heavy rose, bracken and scattered Red Ozier Dogwood ground cover. Some good aspen clumps regenerating, as well as red maple throughout stand. Need a cultural treatment to stimulate oak regen. Therefore scarify to prepare oak seedbed. Fuels not quite heavy enough for Rx burn. '99 comments: Cut aspen and maple to 4" DBH. Mark oak if necessary to reduce basal area to 60 sq. ft./acre. Open canopy up more where existing regeneration is adequate. Some nice red oak. Watch intermittent drainage. Post-review comments: Leave the white pine, white birch, and tamarack along the marsh. Stay out of the transition zone, consider a buffer. Harvested in sale called Marsh Corridor; Sale #73-019-01-01														
107	O 8	M 2	13	27	13	60	65	northern hardwood	two aged	N		within 0-9 years	0	natural regeneration
Treatment Limiting Factors: Too wet														
comnts Fmd : Broken out of stand 7 due to supercanopy. Residual fairly good quality red oak left after '82 harvest (60 BA). Oak canopy has suppressed maple and aspen, and there is little oak regen. Will be M type. Factor limited due to poor access, not stand itself.														
114	G 0	L 0	41	16	0	0	62	jack pine	sparse	N		within 0-9 years	0	planting
comnts Fmd : Plant jack pine in furrow tops in fall when driest for access. WLD will review before compartment review to determine if they want to keep it as a G/L, but probably not. 30-40% shallow N areas. Very sparse aspen has deer browse and hypoxylon canker. '01 comments: Clearcut in 1993, summer harvest. TS# 84-92-1. Very poor regeneration. Original intention was to cut in the winter due to poor regeneration of aspen in the past (see contract specifications). Exception was made and summer harvest was allowed. Regeneration would probably have been better if it was cut in the winter. This stand may require hand planting in the future.														
115	E 2	L 0	13	16	1	0	55	swamp hardwoods	nonstocked	N		30-39 years	0	
comnts Fmd : Barely forested at NW end. Portion of stand 15 that is lower and regenerated poorly. Stand consists of red maple, quaking aspen, birch, and ash in order. Lot of marsh grass under willow/alder.														
119	L 0	L 0	18					lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Understory of marsh grass. Willow tag alder and dogwood with scattered sap sized ash. Lot of standing dead ash.														

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129	E 6	M 2	11		9	80	47	swamp hardwoods	two aged	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Influence zones														
comnts Fmd : Diverse stand consisting of upland and very wet E type. Density varies from E9 to E5. Adjacent to Kawkawlin flooding, and access would have to be from the north and complicated. Keep as buffer and habitat for flooding.														
136	E 4	N 0	5	27	5	30	50	swamp hardwoods	nonstocked	N		50-59 years	0	
comnts Fmd : E4/E1/N at N end. O4 at south end with some red maple. Between 2 N types: access from NW could be difficult.														
140	E 4	P 1	12	26	4	10	54	swamp hardwoods	nonstocked	N		50-59 years	0	
comnts Fmd : "Catch all" stand. SI and age estimated. Forested portion of stand 40. Too old to have been harvested with stand 14. DBH range 3 to 6". Ash, maple, birch, aspen. Varies from upland to L/V inclusions.														
148	V 0	V 0	1			0		bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : V type broken out of stand 48.														
150	E 4	L 0	4		5	10	50	swamp hardwoods	low quality	N		not scheduled	0	
<u>Treatment Limiting Factors:</u> Too wet														
comnts Fmd : Some mortality: Poor quality stand: will never be merchantable or accessible. Age estimated.														
151	E 1	N 0	6	72	4	0	65	swamp hardwoods	nonstocked	N		not scheduled	0	
<u>Treatment Limiting Factors:</u> Too wet														
206	O 6	M 2	15	71	9	90	65	oak	mature	N		not scheduled	0	
<u>Treatment Limiting Factors:</u> Water quality/bmps														
comnts Fmd : Buffer left when stands 6 and 106 were cut. Adjacent to large L and N type.														
214	A 1	G 0	28	16	1	0	62	red pine	sparse	N		within 0-9 years	0	planting
comnts Fmd : Plant red pine. Poorly regenerated when cut in '93 (sale #84-92). Was summer harvest. Lot of oak- almost O1. 85-90% upland, some shallow hummocky areas and few shallow N drainages. Hypoxylon in the aspen, low level of infection. Oakville and pipestone soils.														
229	E 5	M 2	8		7	50	47	swamp hardwoods	unevenaged	N		not scheduled	0	
comnts Fmd : Red tail hawk nest. In 18" aspen near NE edge. Heavy tag alder and dogwood in places. Portions are upland not cut when adjacent stand 14 was cut because wetter.														
250	N 0	N 0	3			0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Active beaver flooding														
314	A 3	A 3	23	16	2	0	62	aspen (upland)	immature	N		30-39 years	0	

Total Acres..... 1461