

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

Stand	Cover Type-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	E 5	E 3	9	80	8	60	50	swamp hardwoods	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Potential or designated old growth</p> <p>comnts Fmd : Old Growth. The stand is a matrix of swamp hardwood and jack pine. The ground is hummocky with some knobs and ridges of huckleberry and bracken fern and depression of leather leaf and blueberry. There is a lot of dead and down trees in the stand and some stand gap dynamics are showing up. When stand is planted trench through the trails to close them off.</p>														
2	N 0	N 0	15		0	0		marsh	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : Stand is in an old growth area. The area is a marsh type of marsh grass and cattails with some willow brush.</p>														
3	E 5	E 2	20	72	7	60	65	swamp hardwoods	old growth (potential or actual)	N		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Potential or designated old growth</p> <p>comnts Fmd : Old Growth. Stand is on lower ground with some ridges. Overall, the terrain is hummocky. The stand is mainly a regeneration stand with a heavy overstory. There is a lot of down trees in the stand and numerous crown openings.</p>														
4	O 8	W 2	81	80	14	60	70	oak	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Potential or designated old growth</p> <p>comnts Fmd : OLD GROWTH, The trails in the stand are now overgrown but still able to be followed. There is some ORV use mainly to harvest some of the dead and down oak. There is quite a lot of down oak in the stand and standing dead. The regeneration in the stand is a mix of red, white and jack pine.</p>														
5	E 6	E 2	28	76	10	80	65	swamp hardwoods	old growth (potential or actual)	N		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Potential or designated old growth</p> <p>comnts Fmd : OLD GROWTH, The stand is a mix of upland and lowland with the area having more lowland then upland.</p>														
6	N 0	N 0	550		0	0		marsh	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : OLD GROWTH, Bentley marsh.</p>														
7	M 6	W 2	13	46	6	90	60	northern hardwood	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : OLD GROWTH, the stand is a mix of upland and lowland but the majority of the land being upland.</p>														
8	D 1	D 1	6	28	2	0	45	treed bog	sparse	N		not scheduled	0	
<p>comnts Fmd : The stand is a treed bog of blueberry and leather leaf. The tress in the bog are swamp hardwoods mainly red maple.</p>														
9	E 6	E 2	12	68	7	110	70	swamp hardwoods	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : OLD GROWTH, The stand is hummocky with areas that appear to hold water in the spring.</p>														

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10	E 4	E 2	22	28	4	10	50	swamp hardwoods	immature	N		40-49 years	0	
comnts Fmd : The stand is low and wet with the ground cover of tag alder. The stand is fairly dense along the edges and at the north end. Overall, the stand is an E2/L. The species in the stand are a mix of red maple, ash, tamarack, and black oak.														
11	E 6	W 2	28	76	9	90	65	swamp hardwoods	old growth (potential or actual)	N		not scheduled	0	
<u>Treatment Limiting Factors:</u> Potential or designated old growth														
comnts Fmd : OLD GROWTH, stand is low and wet but dries out somewhat going north. The white pine regeneration in the stand has a low occurrence of weevil. The stand has a lot of down trees and stand gap dynamics starting to occur. The terrain is very hummocky.														
12	J 6	O 1	7	80	10	90	50	jack pine	immature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Scenic values/visual values														
comnts Fmd : Stand is on a ridge that goes out into Bentley Marsh. The stand is undulating and variable with the cover type changing from J6, to R6, to O6.														
13	O 9	R 1	4	69	11	70	50	oak	mature	N		10-19 years	0	
comnts Fmd : Stand is a ridge that goes out into Bentley Marsh.														
14	O 5	O 1	3	69	10	70	50	oak	immature	N		10-19 years	0	
comnts Fmd : East Fireline goes though the stand. An island that is surrounded by the marsh.														
15	O 7	O 3	45	75	12	30	52	oak	two aged	N		60-69 years	0	
comnts Fmd : PART OF TIMBER SALE 038-98-01 cut in 2001. The stand has regenerated well as oak mainly. The regeneration is both from seed source as well as stump sprouts. Also in the stand area of red maple, bigtooth aspen, white pine, red pine, and jack pine. The stand is some ways is a three aged stand, overmature oak sawlog, then pole oak about 3" DBH, then young regeneration < 1" DBH.														
16	M 6	O 3	14	17	7	70	52	northern hardwood	immature	N		30-39 years	0	
comnts Fmd : Stand was cut in 1990. The stand is variable with upland and lowland. The species is a mix but in time will be an oak stand.														
17	O 8	O 1	7	75	15	50	52	oak	mature	N		10-19 years	0	
comnts Fmd : This area is used for disperse camping. The amount of human activity will stop the development of old growth characteristics so take out of old growth.														
18	O 6	O 1	22	80	10	70	70	oak	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Potential or designated old growth														
comnts Fmd : OLD GROWTH, There is a lot of dead and downed oak in the stand.														
19	N 0	N 0	3		0	0		marsh	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Stand is in the oak growth area. This stand has tag alder and willow around the edges then changes to marsh grass in the center.														
20	O 8	O 1	7	70	12	50	65	oak	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : OLD GROWTH, Stand is on a ridge that goes out into Bentley Marsh. It has a lot of dead oak standing and down. The area is fairly sparse because of this.														

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					B	Tot. BA								
21	O 9	O 1	10	70	12	70	65	oak	mature	N		10-19 years	0	
<p>comnts Fmd : Stand is mainly on a ridge with the habitat of PVCd to PArVHa. There is a fair amount of dead standing and down wood in the stand. This area has heavy public use and harvesting of down wood so take it out of old growth because human activity will not let the stand develop old growth characteristics.</p>														
22	O 4	O 1	24	28	4	20	75	jack pine	sparse	N		within 0-9 years	0	planting
<p>comnts Fmd : Stand is sparse and is just coming into poles. Stand has a lot of blueberry in the south going to bracken fern north. The stand should be interplanted with jack pine.</p>														
23	L 0	L 0	13		0	0		lowland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Stand is an L-type with scattered swamp hardwoods in it but not enough to be an E-Type.</p>														
24	L 0	L 0	7		0	0		lowland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : This is a beaver pond that has some water in it but the majority of the stand is willow and tag alder especially along the edges.</p>														
25	E 5	E 3	32	34	4	40	50	swamp hardwoods	immature	N		30-39 years	0	
<p>comnts Fmd : The stand is a mix of upland and lowland.. The area is a matrix of good swamp hardwoods on the moist soils and poor swamp hardwood on the wet soils with oak on the scattered ridges and knolls.</p>														
26	O 9	O 1	35	76	11	70	51	oak	mature	N	shelterwood-seed	within 0-9 years	1	natural regeneration
<p>comnts Fmd : There are some overmatur aspen in the stand that should be cut and a fair amount of oak mortality but little on the grown. Most of what falls is picking up for firewood. Because of this, take the stand out of old growth because human activity will hinder any development of old growth characteristics. The stand should be seed tree harvested leaving 20-30 BA of main oak for seed and mast. The stand should regenerate as a mix of oak, maple, aspen, and pine. If the stand does not regenerate interplant jack pine. When harvesting go to just north of the 2-track so that during harvesting the trail can be closed by slash and berm.</p>														
27	E 4	E 3	51	33	4	20	55	swamp hardwoods	immature	N		40-49 years	0	
<p>comnts Fmd : The stand is a mix of lowland and upland. The ridges in the stand are heavy to oak having about 20 BA oak and 10 BA of maple. In the lowland the stand is more of an E2/L. The ridges have the ground cover of mainly bracken fern and blueberry and the lowland tag alder, willow, and grass. The trees are fairly sparse in the south end of the stand becoming thicker north.</p>														
28	L 0	L 0	29		0	0		lowland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : The stand is an L-Type with scattered swamp hardwoods. The area looks like it will have standing water in the spring but it dries out in late summer. The lowland brush is mixed with marsh grass.</p>														
29	O 1	O 1	11	6	1	0	55	red pine	sparse	N		within 0-9 years	0	planting
<p>comnts Fmd : Clear cut in 2001 sale#73-014-99-01. Stand is mainly on a ridge that has the ground cover of bracken fern. Stand did not regenerate will it is and O1. Stand needs to be planted to red pine. The area has a low amount of hardwood competition. What regeneration is presented is heavily browsed..</p>														
30	E 1	E 1	7	6	1	0	60	jack pine	sparse	N		within 0-9 years	0	planting
<p>comnts Fmd : Clear cut in 2001 sale# 73-014-99-01. Stand has some residual swamp hardwoods in it but for the most part it has not regenerated. Some of what was left is drying. Stand needs to be planted to bring it up to full stocking but soil may be too wet to trench and plant. If planted use jack pine.</p>														
31	O 9	O 2	28	83	12	80	70	oak	mature	Y	shelterwood-seed	within 0-9 years	1	natural regeneration
<p>comnts Fmd : The stand has a lot of downed oak. The regeneration in the stand is heavy to white and red pine with some oak. Harvest the stand as a shelterwood-seedtree retaining 30-40 BA of mostly oak. However, when marking the stand retain some other species as well.</p>														

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					D	Tot. BA								
32	E 4	L 0	11	71	7	20	50	swamp hardwoods	sparse	N		not scheduled	0	
comnts Fmd : Stand is in a drainage so it is very wet. The cover type is swamp hardwood mainly ash with some red maple. The ground cover is tag alder and willow.														
33	O 6	O 1	14	76	10	100	51	oak	immature	N	shelterwood-seed	within 0-9 years	1	natural regeneration
comnts Fmd : This stand does not have as high a level of mortality as other oak stands in the area. Harvest the stand as a seed tree retaining 20-30BA. Favor the retention of oak. The stand should regenerate as a mix of maple, oak. If the stand does not regenerate interplant with jack pine. Take the stand out of old growth there is too much human activity for the stand to develop old growth characteristics.														
34	O 8	W 2	8	76	12	50	51	oak	sparse	N	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : Harvest the stand removing the overstory down to 6" DBH. The stand has areas of good white pine and oak regeneration. Damage to the residual could become an issue. If damage is minimized the stand will become and O2W2. Mark some of the sawlog to be retained for retention.														
35	W 2	W 2	6	17	5	0	63	white pine	immature	N		30-39 years	0	
comnts Fmd : The stand was clearcut in 1990. The area is a mix of upland and lowland with the majority of it being upland. The ground cover on the upland is bracken fern, huckleberry, and in the low land tag alder and marsh grass. The older white pine appears to have some weevil damage the young trees do not.														
36	J 4	J 3	5	17	4	10	63	jack pine	immature	N		30-39 years	0	
comnts Fmd : Stand is in a depression with a slight knoll in the center. The knoll has a more upland area that attaches to stand 31. The edges of the stand are mainly a J1/V and the knoll is a J3.														
37	O 8	O 2	7	83	12	60	60	oak	mature	Y	final harvest	within 0-9 years	2	natural regeneration
comnts Fmd : The stand has a residual overstory of oak and aspen with a well-developed understory of an O2. Harvest by clearcutting to 4" DBH. Mark some oak to retain for mast and retention.														
38	O 4	O 1	1	31	4	10	60	oak	immature	N		not scheduled	0	
comnts Fmd : Stand is low and wet with the ground cover of leather leaf and blueberry. There area a mix of species in the stand including oak, tamarack, white pine and some jack pine.														
39	O 8	W 2	14		10	50	55	oak	sparse	Y	final harvest	within 0-9 years	2	natural regeneration
comnts Fmd : The stand was harvested in 1990 having all the species except oak and white pine removed. Now remove the overstory down to 6" DBH. The stand has some areas of good white pine regeneration and oak regeneration. Damage to the residual could be a problem when stand is harvested. If minimal damage is done to the advance regeneration the stand will be an O2W2 overall. Mark some sawlogs to retain for retention.														
40	J 2	J 2	8	17	2	0	63	jack pine	immature	N		30-39 years	0	
comnts Fmd : Stand was clearcut in 1990. The stand is in a depression and the main ground cover is blueberry and leatherleaf with some island of bracken fern. The density in the stand goes from a J1 to a J3. The terrain is undulating/ There are other species present in the stand they are red and white pine, red maple and a few black oaks. There is an occasional red maple or pine pole in the stand but they are < 10 BA. The jack pine in the stand also has a fair amount to balling on the branches.														
41	O 8	W 3	6		12	50	55	oak	mature	N		10-19 years	0	
comnts Fmd : The stand is on a knoll cut off from stand 34 by a band of leather leaf. The stand is undulating with knolls and draws. The jack pine in the stand at several places has a high amount of mortality. Because of the high amount of human activity, the stand will not develop much old growth characteristics so take out of old growth.														
42	O 8	O 2	15	17	12	40	60	oak	immature	N		10-19 years	0	
comnts Fmd : The stand was harvested and overstory oak was left.														

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43	O 9	W 2	13	75	12	80	70	oak	mature	N	shelterwood-seed	within 0-9 years	1	natural regeneration
comnts Fmd : Harvest the stand as a shelterwood seedtree retaining 30-40 BA of mainly oak but also retain some white pine and red pine. The stand will not develop old growth characteristic because of human activity so remove from old growth.														
44	J 6	W 2	7	84	9	70	63	jack pine	mature	Y	final harvest	within 0-9 years	2	planting
<u>Treatment Limiting Factors:</u> Too wet														
comnts Fmd : Stand is wet and hummocky.														
45	L 0	L 0	3			0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Stand is in a depression and is mainly tag alder with some willow.														
46	O 4	O 3	14	28	4	20	65	oak	immature	N		30-39 years	0	
comnts Fmd : The stand is moving into a pole stand and is a fairly good mix of maple and oak. Overall, the stand is fully stocked.														
47	E 6	E 2	1	83	11	100	70	swamp hardwoods	mature	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Too wet														
comnts Fmd : This stand is low and wet the ground cover is tag alder and marsh grass.														
125	E 4	E 1	10	34	4	20	46	swamp hardwoods	immature	N		30-39 years	0	
comnts Fmd : The stand is mainly a draw of poor swamp hardwoods. The trees are sparse and the species are a mix of red maple, ash, tamarack. The terrain is hummocky.														
128	O 4	O 2	5	34	5	30	55	oak	immature	N		50-59 years	0	
comnts Fmd : Stand is fairly dry but humocky.														

Total Acres..... 1291