

\* 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. DBH	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
1	A 6	F 2	48	34	7	80	70	aspen (upland)	immature	N		10-19 years	0	
2	Q 2	Q 1	11	60	2	0	30	mixed swamp conifer	immature	N		not scheduled	0	
3	S 2	X 0	2	80	4	0	30	black spruce-swamp	immature	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Inadequate volume due to low stocking/small diameter/etc.</p>														
4	A 3	A 3	9	7	1	0	61	aspen (upland)	immature	N		60-69 years	0	
5	S 5	S 2	14	73	6	40	40	black spruce-swamp	old growth (potential or actual)	N		10-19 years	0	
<p>comnts Fmd : SCA-Potential Old Growth (1998 designation). Wld : SCA- Potential Old Growth. Stand set aside to allow for natural processes to occur, provide a wildlife corridor, and protect riparian areas along Wild West Creek.</p>														
6	L 0	G 0	28		0	0		lowland brush	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA-Potential Old Growth (1998 designation) Wld : SCA- Lowland Brush set aside to allow natural process to occur and protect riparian areas along Wild West Creek.</p>														
7	S 5	S 2	48	73	7	40	40	black spruce-swamp	immature	N		10-19 years	0	
<p>comnts Fmd : Most mature/merchantable spruce is along the edges. Wld : Stand comprised of patchy black spruce with inclusions of cedar, tamarack, and lowland brush.</p>														
8	A 3	U 0	95	16	2	0	63	aspen (upland)	immature	N		50-59 years	0	
9	R 8	F 1	1		14	60	65	red pine	unevenaged	N		not scheduled	0	
<p>comnts Fmd : Patch was left for diversity after last harvest.</p>														
10	S 5	S 2	13	73	7	50	40	black spruce-swamp	immature	N		10-19 years	0	
11	Q 2	Q 2	20	73	2	0	20	mixed swamp conifer	immature	N		not scheduled	0	
12	J 3	A 3	15	16	2	0	68	jack pine	immature	N		30-39 years	0	

Wld : A field check in Oct. 1998 showed that for the most part this stand has adequate stocking. Parts are regenerating to jack pine and part to aspen, and even some small openings exist. I feel this is a desirable mix as is, and we do not wish to herbicide and start from scratch. We will manage the existing stand as is. We had hoped to get some spruce/fir established adjacent to the swamp and that's still a possibility -- it may take a while to become evident.

\* 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								
13	B6	X0	23	75	8	80	65	red pine	mature	Y	final harvest	within 0-9 years	1	planting
<p>comnts Fmd : Clearcut leaving only oak, herbicide, trench and plant red pine, 2-0 or 3-0 stock at a stocking of approx. 600-650 trees per acre. Hardwood is very poor quality as is birch. There are a few aspen clones within the stand and some scattered oak. Cut no existing red pine.</p> <p>Wld : Leave the few scattered large oak, white pine and red pine as legacy trees.</p>														
14	J2	G0	5	18	1	0	65	jack pine	immature	N		60-69 years	0	
<p>comnts Fmd : This was an old opening and is now regenerating to jack pine.</p>														
15	R6	F1	22	43	7	150	58	red pine	immature	N		10-19 years	0	
<p>comnts Fmd : Will be ready for thinning at next entry (2020).</p>														
16	A3	U0	102	23	4	0	70	aspen (upland)	immature	N		30-39 years	0	
17	R6	X0	13	43	8	120	65	red pine	immature	N	thinning	within 0-9 years	1	
<p>comnts Fmd : Row thin every third row. Row's are discernable but some effort will be needed. Crown ratio is 40-50%. Aspen should be left to provide for diversity and retention.</p> <p>Wld : Leave any oak and white pine if it exists in this stand.</p>														
18	A5	U0	10	32	5	50	60	aspen (upland)	immature	N		30-39 years	0	
19	L0	G0	15		0	0		lowland brush	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA-Potential Old Growth (1998 designation)</p> <p>Wld : SCA- Lowland Brush set aside to allow for natural processes to occur and protect riparian area along Flat Rock River.</p>														
20	C6	X0	12	85	9	100	43	cedar	immature	N		not scheduled	0	
21	J3	G0	26	5	0	0	65	jack pine	immature	N		50-59 years	0	
22	J3	G0	3	5	0	0	65	jack pine	immature	N		50-59 years	0	
23	A5	F1	10	32	5	50	60	aspen (upland)	immature	N		30-39 years	0	
24	D3	D3	13		3	0	20	treed bog	immature	N		not scheduled	0	

\* 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	H								
25	Z0	Z0	1		0	0		water	nonstocked	N		not scheduled	0	
26	B5	M1	2	73	8	60	60	paper birch	immature	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u>                      Inadequate volume due to small acreage                      Water quality/bmps</p> <p>comnts Fmd : AESTHETICS BUFFER LEFT ALONG FLAT ROCK RD WHEN STAND 5 WAS CUT.</p>														
27	L0	G0	19		0	0		lowland brush	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA-Potential Old Growth (1998 designation)                      Wld : SCA- Lowland brush set aside to protect riparian areas along Flat Rock River Corridor and allow natural processes to occur.</p>														
28	R6	X0	18	43	8	160	65	red pine	immature	N	thinning	within 0-9 years	1	
<p>comnts Fmd : Free thin to 120 sq. ft. residual basal area, concentrate removal on smaller diameter stems. Leave aspen for diversity. Try to protect cherry during harvesting.</p>														
29	J3	X0	4	16	2	0	70	jack pine	immature	N		40-49 years	0	
<p>comnts Fmd : This stand was created from the release cutting of the adjacent red pine stand. This stand originated post 1992 harvest. There is some aspen in this stand as well.</p>														
30	A3	X0	13	16	2	0	70	aspen (upland)	immature	N		50-59 years	0	
<p>comnts Fmd : Stand was created by the release of the adjacent red pine stand in which the majority of the aspen and jack pine were removed. Stand contains scattered individual's and patches of red pine and patches of jack pine.</p>														
31	A6	F1	28	45	7	80	65	aspen (upland)	immature	N		20-29 years	0	
<p>comnts Fmd : Aspen with patches of jack pine (7/9/2008). 43 Acre controled burn on 5-31-1963 to insure regeneration of jack pine. Was commercially cut prior to this burn, permit #9/62; Alfred Millimaki. Completed Nov. 1962, 25 acres cut. Also note that jack pine seed trees were left in this sale (1997 comments).</p>														
32	J6	X0	16	45	9	100	70	jack pine	immature	N		20-29 years	0	
<p>comnts Fmd : 43 Acre controled burn on 5-31-1963 to insure regeneration of jack pine. Was commercially cut prior to this burn, permit #9/62; Alfred Millimaki. Completed Nov. 1962, 25 acres cut. Also note that jack pine seed trees were left in this sale (1997 comments).</p>														
33	L0	G0	16		0	0		lowland brush	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA-Potential Old Growth. (1998 designation)                      Wld : SCA- Lowland Brush set aside to protect riparian corridor and allow natural process to occur.</p>														
34	A5	F1	20	33	6	60	50	aspen (upland)	immature	N		10-19 years	0	
<p>comnts Fmd : Predominately aspen of poor quality. Jack pine is about 40% of this stand and is of good quality. Harvest at next entry and manage as jack pine.</p>														
35	X0	X0	6		0	0		other non-stocked or non-forest or non-productive	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Flat Rock Road, Co. Rd. CAA</p>														

\* 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. DBH	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
36	J3	G0	6	17	2	0	60	jack pine	immature	N		40-49 years	0	
comnts Fmd : Stand is a mix of jack pine and aspen.														
37	F5	F1	8	70	8	50	50	spruce-fir (uplands-including upland black spruce)	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Potential or designated old growth														
comnts Fmd : SCA-Potential Old Growth-BMP buffer along Flat Rock Creek. (1998 designation)														
Wld : SCA- Potential Old Growth designation to protect wildlife corridor and riparian areas along Flat Rock River.														
38	R5	R1	6	43	7	40	65	red pine	immature	N		10-19 years	0	
39	L0	G0	10		0	0		lowland brush	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA-Buffer along Flat Rock Creek. (1998 designation)														
Wld : SCA- Lowland Brush protected to allow natural process to occur and maintain riparian areas.														
40	R8	F3	4		13	60	65	red pine	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA-Potential Old Growth. Buffer along Flat Rock Creek. Dominated by red pine, jack pine, fir and spruce. There is some mature aspen mixed in as well. (1998 designation)														
Wld : SCA- Potential Old Growth designation to allow natural process to occur and protect riparian areas and wildlife corridor along Flat Rock Creek.														
41	A5	F1	10	70	11	60	60	aspen (upland)	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Potential or designated old growth														
comnts Fmd : SCA-Potential Old Growth. Buffer along Flat Rock Creek. (1998 designation)														
Wld : SCA- Potential Old Growth designation to allow natural processes to occur and protect riparian areas and wildlife corridor.														
42	A3	F1	22	17	3	0	60	aspen (upland)	immature	N		30-39 years	0	
43	A6	U0	9	32	6	70	60	aspen (upland)	immature	N		20-29 years	0	
44	D3	D3	3		2	0	20	treed bog	immature	N		not scheduled	0	
45	S3	S3	3	60	2	0	28	black spruce-swamp	immature	N		not scheduled	0	
comnts Fmd : Old ELF ROW runs through this stand and is seeding in with spruce and tamarack (7/9/2008).														

\* 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								
46	A 6	U 0	54	32	6	70	60	aspen (upland)	immature	N		20-29 years	0	
47	S 3	S 3	2	60	3	0	28	black spruce-swamp	immature	N		not scheduled	0	
48	A 5	F 1	2	80	10	50	60	aspen (upland)	mature	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Inadequate volume due to small acreage														
comnts Fmd : Small stand. Stand is now providing diversity to the surrounding landscape with the mature timber component.														
49	M 6	X 0	10	78	8	120	69	white pine	mature	Y	final harvest	within 0-9 years	1	planting
comnts Fmd : This stand is to be clearcut, reserving some white birch and planted with white pine at a density of 650 trees per acre.														
Wld : This stand is comprised of mostly of maple, birch, and aspen, but contains a few large wolf tree oak and scattered pine. Cut no white pine, red pine, or oak, and leave advanced regen of same. Reserve some birch as seed trees. Plant to white pine after harvest.														
50	A 3	U 0	54	13	2	0	69	aspen (upland)	immature	N		40-49 years	0	
51	O 6	X 0	44	78	10	130	63	oak	immature	Y	shelterwood-seed	within 0-9 years	1	planting
comnts Fmd : Remove all birch, aspen, sugar and red maple. Some oak may be harvested for maneuverability only if needed. Where the oak is removed use the stump as a center point and open up around it at least 2 tree lengths to allow for stump sprouting to occur and oak to seed in. Underplant with white pine upon completion of harvesting.														
Wld : (1999 Comments) Per our mini-review held on 6-22-99, it was agreed to drop all oak cuts scheduled for 2000 (even though they were to be intermediate cuts with no actual oak cut), to try to get into better compliance with our Forest Plan which calls for approx. 100 acres of oak type to be treated per year. We are already over this acreage in this decade. (2008 Comments) Stand is heavy to oak type with component of red maple, paper birch, and aspen. Aspen and birch are mature and dying back at tops. Closed canopy stand with little to no regeneration or recruitment except at edges where sunlight stimulates by edge effect. Old white pine stumps are prevalent throughout stand which is evidence of a species long ago removed. By harvesting maple, birch, aspen, and limited oak, we should be able to encourage sunlight penetration to allow for regeneration and recruitment of maple and oak through seed and stump sprouting, increased acorn production as oak will be able to crown out at tops which will also increase trunk diameters, and increase and restore diversity by underplanting with white pine after harvest.														
52	Q 6	Q 1	3	60	6	70	28	mixed swamp conifer	immature	N		not scheduled	0	
53	A 6	X 0	3	73	10	90	65	aspen (upland)	mature	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Too steep														
comnts Fmd : Very steep (45% slope on avg.). Pot hole wetland at bottom. Slope and wetland at bottom would make this stand very difficult to harvest. Would have to be hand felled and cable skidded up the slope.														
54	S 6	S 1	6	60	6	110	28	black spruce-swamp	immature	N		not scheduled	0	
comnts Fmd : Small stand of black spruce and a small covered bog surrounded by very steep slope (stand 53).														
55	B 6	X 0	59	94	10	130	58	paper birch	mature	Y	seed tree	within 0-9 years	1	
comnts Fmd : Seed tree harvest (birch) leaving all oak and any softwood. Cut all maple regardless of merchantability.														
Wld : Cut no oak, white pine, or red pine. Protect advanced regeneration of oak and white pine.														

\* 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								
56	A 5	F 1	39	30	6	50	55	aspen (upland)	immature	N		20-29 years	0	
57	A 3	U 0	192	22	3	0	65	aspen (upland)	immature	N		30-39 years	0	
58	S 5	S 1	1	60	6	50	28	black spruce-swamp	immature	N		not scheduled	0	
59	B 6	F 1	5	84	8	110	60	paper birch	mature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u>                      Delayed treatment for age/size class diversity</p> <p>comnts Fmd : Hold this stand till 2020. It's one of the last mature stands of this type in the compartment and immediate landscape.</p>														
60	S 5	S 2	96	83	6	40	40	black spruce-swamp	immature	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u>                      Inadequate volume due to low stocking/small diameter/etc.</p> <p>comnts Fmd : Variable stand, in terms of density. Possibly break it into smaller stands in the future. Steep slopes to upland on the northwest end. There is a small creek toward the southern end of this stand that merges with other small creeks that eventually flow into the Wild West Creek.</p> <p>Wld : Much of this stand is black spruce with inclusions of tamarack and cedar. Very young aspen to north and south of this stand which concentrates wildlife corridors and usage to edges of this black spruce. Also small stream tributary to Wild West Creek runs through this stand. Trees show little mortality and should be maintained for wildlife habitat this entry period.</p>														
61	A 5	F 1	6	75	10	60	63	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	
<p>comnts Fmd : Clearcut this stand retaining any oak (if present). Mark out some of the mature aspen, particularly along the edges, for wildlife trees. Access this stand from the north. Zero retention is being prescribed for this stand since it is small acreage.</p> <p>Wld :</p>														
62	A 6	F 1	1	75	10	70	63	aspen (upland)	mature	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u>                      Other special wildlife habitat consideration (desc. In comments)</p> <p>comnts Fmd : Small island of aspen that was left for diversity and wildlife habitat. This stand should remain and allow natural process to take place.</p>														
63	D 3	D 3	37		2	0	20	treed bog	low quality	N		not scheduled	0	
<p>comnts Fmd : Old treed bog.</p>														
64	B 6	F 2	21	75	10	70	62	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	
<p>comnts Fmd : Clearcut this stand leaving some birch where aspen is lacking in stocking. Retain any oak, cut all spruce, balsam fir and red maple regardless of merchantability. Retain 3% by acreage through transition zone protection on the south side and east end of this stand.</p>														
65	L 0	L 0	5			0		lowland brush	nonstocked	N		not scheduled	0	
66	A 3	F 1	33	6	2	0	62	aspen (upland)	immature	N		50-59 years	0	
<p>Wld : Per our mini-review held on 6-22-99, we agreed to create 3 acres of grass openings from trails and landings following a timber sale here,</p>														

\* 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. DBH	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
67	S6	X0	9	60	8	160	28	black spruce-swamp	immature	N		10-19 years	0	
comnts Fmd : This is a semi-upland lowland spruce stand that is long and narrow in nature. The south end of the stand contains a small patch of A6/F6. It is providing a north-south corridor for wildlife travel.														
68	A3	F1	29	8	1	0	70	aspen (upland)	immature	N		50-59 years	0	
Wld : Per our mini-review held on 6-22-99, we agreed to create 2 acres of grass openings from trails and landings following a timber sale.														
69	B5	F2	8	73	10	50	70	paper birch	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Water quality/bmps														
comnts Fmd : SCA-Potential Old Growth. Stand is a buffer along the Wild West Creek. (1998 designation)														
Wld : SCA- Potential Old Growth. Provides protection of riparian areas and wildlife corridor along Wild West Creek.														
70	B5	F1	1	73	8	60	60	paper birch	immature	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Inadequate volume due to small acreage														
comnts Fmd : Very small stand along the Flat Rock Road (2008 comments). Stand was left as an aesthetics buffer along Flat Rock Rd. when adjacent stand was cut (1998 comments).														
400	G0	U0	20			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Part of old sharptail grouse opening. It's beginning to fill in with aspen (7/11/2008). AREA KGD AND ROLLER CHOPPED FALL OF 1978. SEE FTP W3-614 JESKE. PREVIOUSLY BURNED IN 1965 AND 1972. CONVERT TO GRASS (1998 COMMENTS).														
401	G0	G0	9			0		grass	nonstocked	N		not scheduled	0	
402	G0	G0	2			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Old ELF ROW.														
403	G0	G0	1			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Old ELF ROW.														
404	G0	G0	1			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Old ELF ROW.														
405	G0	G0	2			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Cut in 1991 permit #007-90 Bob Minerick, seeded Aug. 1992. (1998 comments)														
406	G0	G0	1			0		grass	nonstocked	N		not scheduled	0	
407	G0	G0	2			0		grass	nonstocked	N		not scheduled	0	

\* 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	Age	Acres	avg. D B Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
408	G 0	G 0	3		0		grass	nonstocked	N		not scheduled	0	
comnts Fmd :													
409	G 0	G 0	5		0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : All sweet fern.													
411	G 0	G 0	3		0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Seeded in 77 & 84 , slash removed after sale, edges herbicided 1989. (1998 comments)													
412	G 0	G 0	4		0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : SEEDED IN 77 AND 84. SLASH REMOVED AFTER SALE AND EDGES HERBICIDED IN 1989. (1998 comments)													
413	G 0	G 0	5		0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Seeded in 77 & 84, slash removed after sale, edges herbicided 1989. (1998 comments)													
414	G 0	G 0	1		0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Old ELF ROW.													
416	G 0	G 0	4		0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Opening was acquired as part of land exchange in 1999.													

Total Acres..... 1568