

* 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.		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D B H	Tot. BA								
1	A 3	O 1	47	17	2	10	60	aspen (upland)	immature	N		30-39 years	0	
2	A 3	O 1	28	17	2	10	60	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : 3 ACRE EXCLUSION LEFT IN THIS STAND														
3	A 5	O 1	33	28	4	50	60	aspen (upland)	immature	N		20-29 years	0	
4	A 3	O 1	37	6	1	20	60	aspen (upland)	immature	N		40-49 years	0	
5	A 6	O 1	22	41	8	80	60	aspen (upland)	immature	N	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : Aspen is mature and is beginning to die out. Final harvest this stand; leaving red and white pine, white oak, and some scattered large diameter red oak. Also, leave all oak < 5" and all thornapple and blue beech. By cutting the smaller diameter red oak it will allow them to stump sprout and with leaving the large diameter red oak there will still be mast production within the stand. This stand is being managed for a mix of aspen and oak. # After pre-review it was decided to treat as prescribed; except mark oak to leave. Wildlife will assist.														
Wld : Concur with FMFMD. Will assist in marking of the oak trees to leave.														
6	C 6	Q 1	45	89	9	150	35	cedar	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - Floodplain and Buffer of the Little Shakey Creek. Little Shakey Creek flows through this stand.														
Wld : SCA - Little Shakey Creek Riparian Buffer.														
7	E 6	Q 1	15	90	7	110	38	swamp hardwoods	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Potential or designated old growth														
comnts Fmd : Final harvest this stand; leaving a mix of seed trees. Manage this stand for a mix of lowland conifers. Very poor quality ash, but nice S and T. The Fb is dying out. Some of the stand is more of an F type. Leave a buffer along the Little Shakey Creek in the Northeast portion of the stand, this buffer area will be included with stand 6. This stand was an SCA, but I am removing it from that status. It was an SCA to provide a buffer for the creek, but I am leaving a buffer for the creek and most of the stand is not near the creek. # After the pre-review it was decided to place this stand back into SCA status. Wildlife was not in favor of treating this stand. This stand is a buffer along the Little Shakey Creek.														
Wld : SCA - Little Shakey Creek Riparian Buffer.														
8	C 6	Q 1	21	94	9	170	30	cedar	immature	N		20-29 years	0	
9	X 0	X 0	2		0	0	60	other non-stocked or non-forest or non-productive	nonstocked	N		not scheduled	0	
comnts Fmd : Gravel and sand pit. Swanson Road pit.														
10	A 4	F 1	36	26	4	10	60	aspen (upland)	immature	N		20-29 years	0	

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					D B H	Tot. BA								
11	A 3	F 1	18	7	2	0	60	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd :														
12	A 3	W 1	24	8	2	0	60	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd :														
13	A 3	F 1	33	7	2	0	55	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd :														
14	A 6	M 1	96	58	10	100	62	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : This stand is mature. Final harvest the stand; leaving white oak, the majority of the pine, red oak greater than 16", and a buffer along the two marshes in the south half of the stand. # After pre-review it was decided to treat as prescribed; except mark oak to leave. Wildlife will assist. Leave a 100 foot buffer along the Shakey River.														
Wld : Concur with FMFMD. Wildlife will assist in marking the leave oak.														
15	C 6	L 0	59	122	8	160	40	cedar	immature	N		10-19 years	0	
comnts Fmd : Mostly thick cedar stand, did not look at very closely due to the disagreement on cedar management.														
16	Q 6	Q 1	32	100	9	90	45	mixed swamp conifer	mature	Y	seed tree	within 0-9 years	2	natural regeneration
comnts Fmd : Very poor quality stand. The majority of the species within the stand are mature. Final harvest this stand; leaving a mix of seed trees throughout. Manage this stand for a mix of species that are currently present. There is a drainage on the East side of the stand that will need to be buffered. This drainage flows into Little Shakey Creek.														
Wld : Concur with FMFMD. As a reference, use the Within-Stand Retention Guidelines. This document includes targeted retention characteristics that may include; diversity (tree species, vertical, horizontal), mast trees, cavity trees/standing dead/down wood, retention, and additional characteristics.														
17	S 6	Q 1	7	83	10	110	48	black spruce-swamp	mature	Y	seed tree	within 0-9 years	1	natural regeneration
comnts Fmd : Very nice quality mature spruce. Final harvest this stand; leaving elm, white pine, and spruce, tamarack, and cedar seed trees. Leave a 50 foot buffer along Little Shakey Creek. This stand will be managed for a mix of S and T.														
Wld : Concur with FMFMD. As a reference, use the Within-Stand Retention Guidelines. This document includes targeted retention characteristics that may include; diversity (tree species, vertical, horizontal), mast trees, cavity trees/standing dead/down wood, retention, and additional characteristics.														
18	Z 0	Z 0	2			0		water	nonstocked	N		not scheduled	0	
comnts Fmd : Linnbeck Lake														
19	A 4	F 1	26	24	4	20	48	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd :														
20	C 6	Q 1	27	116	8	160	30	cedar	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - Influence Zone around Linnbeck Lake. Also, I added two stands to this one to protect the drainage between Linnbeck Lake and Little Shakey Creek.														
21	A 3	F 1	94	16	3	0	55	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd :														

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22	A 3	M 1	3	23	4	0	60	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Small patch of aspen within stand 403. Stand should be protected if grass opening is burned.														
23	A 6	F 2	27	54	9	80	60	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : Poor quality aspen-over mature. Final harvest this stand; leaving cherry, oak, pine, and a buffer along the drainage flowing out of stand 24. Leave a 100 foot buffer along Little Shakey Creek.														
Wld : Concur with FMFMD. As a reference, use the Within-Stand Retention Guidelines. This document includes targeted retention characteristics that may include; diversity (tree species, vertical, horizontal), mast trees, cavity trees/standing dead/down wood, retention, and additional characteristics.														
24	Q 6	Q 1	29	77	9	170	45	mixed swamp conifer	immature	N		10-19 years	0	
25	A 4	F 1	15	26	4	30	60	aspen (upland)	immature	N		20-29 years	0	
26	A 3	F 1	30	22	3	0	60	aspen (upland)	immature	N		30-39 years	0	
27	A 6	F 1	72	77	9	110	60	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : Mature aspen, was held last decade. Final harvest this stand; leaving cherry, pine, and red oak greater than 14". # After pre-review it was decided to treat as prescribed; except mark oak to leave. Wildlife will assist. Leave a 100 foot buffer along Little Shakey Creek where there is not a steep bank.														
Wld : Concur with FMFMD. Wildlife will assist in green marking the oak leave trees. After sale is completed, WLD may plant the hunting walking trail to a wildlife mix and mow prior to fall hunting seasons. This will only occur if funding and personnel is available.														
28	M 6	M 1	38	72	9	140	60	northern hardwood	immature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity														
comnts Fmd : Stand was thinned in 2000. The stand was to be underplanted with pine seedlings under FTP 33-575. This was not done. At this time the stand is to dense to underplant, so this FTP should be canceled. There is a potential oak wilt pocket in the Southwestern portion of this stand. I will have to follow up and look at this spot later in the summer. If there is oak wilt, treat the oak wilt as needed. I am holding this stand to provide a break between stands 14 and 33 being cut. Possibly next decade do a shelterwood cut and plant w.p..														
Wld :														
29	A 4	F 1	77	24	4	20	60	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd :														
30	Q 6	Q 1	8	77	7	90	46	mixed swamp conifer	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - Buffer along the Shakey River.														
Wld : SCA - Shakey River Riparian Corridor.														

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					B	Tot. BA								
31	Q 6	Q 1	9	82	7	90	51	mixed swamp conifer	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Potential or designated old growth</p> <p>comnts Fmd : SCA - Buffer along the Shakey River.</p> <p>Wld : SCA - Shakey River Riparian Corridor.</p>														
33	M 6	M 1	39	72	10	130	65	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	natural regeneration
<p>comnts Fmd : Poor quality red maple and the aspen is in a state of decline. Final harvest this stand; leaving pine, white oak, and some large diameter oak. This stand will be managed for a mix of A, Mr, and Oak. By cutting the smaller diameter oak they will stump sprout and by leaving the larger oak they will provide mast. # After pre-review it was decided to treat as prescribed; except mark oak to leave. Wildlife will assist.</p> <p>Wld : Concur with FMFMD. Wildlife will assist in green marking the oak leave trees.</p>														
34	O 9	M 1	39	81	13	130	65	oak	mature	Y	shelterwood-seed	within 0-9 years	2	natural regeneration
<p>comnts Fmd : This stand should be managed for a mix of oak and maple. The majority of the oak still is young and healthy enough to stump sprout vigorously. Cut all species, leaving 20 BA of oak throughout the stand. The majority of the oak should be the larger diameter ones, to continue to produce mast. If regeneration fails, mechanically scarify the site after it is harvested. # After the pre-review no decision was made on whether to treat this stand. Wildlife is not sure if they want to harvest this stand or how it will be harvested. They are concerned with the amount of oak wilt we are treating on the unit. Don K. was to put together an acreage list of the oak wilt sales we have did in the past 4 to 5 years. I tried to compromise with lowering the stand BA to 50 or 60 and create some gaps within the stand.</p> <p>Wld : Discuss at compartment review.</p>														
35	A 3	O 1	45	10	1	10	65	aspen (upland)	immature	N		40-49 years	0	
36	F 1	G 0	15	15	1	0	55	spruce-fir (uplands-including upland black spruce)	sparse	N		within 0-9 years	0	planting
<p>comnts Fmd : Area was disced in Sept. of 01, and direct seeded on 10-29-01 to a mixture of red and white pine seed, and a bag of acorns, under FTP 33-533. The seeding failed, this FTP should be canceled. There are two high of deer numbers to plant pine, so we should trench and plant white spruce. In stand 99 the white spruce has seeded in well and is growing good.</p> <p>Wld : Concur with FMFMD.</p>														
37	Q 6	L 0	30	82	8	210	51	mixed swamp conifer	mature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Cedar or Hemlock cutting restraints</p> <p>comnts Fmd : The north two thirds of this stand is primarily spruce with some poor quality cedar and the southern third is primarily cedar with some other species mixed in. Final harvest this stand; leaving seed tree clumps consisting of S, C, and W. This stand will be managed as a Q type. #After the pre-review it was decided that this stand would not be treated. Wildlife did not want to treat it.</p> <p>Wld : Concur with FMFMD. This stand will not be treated during this year-of-entry. The Q6 was originally a pure cedar stand, but was stripped cut. The resulting condition was cedar and rows of Q-type. With the high deer numbers, it would be very unlikely to have cedar regenerating.</p>														
39	C 6	Q 1	35	118	9	220	27	cedar	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - Buffer and corridor along the Little Shakey Creek.</p> <p>Wld : SCA - POG - Also part of Shakey Creek Riparian Buffer.</p>														

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					D B H	Tot. BA								
40	L 0	L 0	16		0	0		lowland brush	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - Floodplain and buffer along a stretch of the Shakey River.														
Wld : SCA - Shakey River Riparian Corridor.														
45	A 3	F 2	8	6	1	0	60	aspen (upland)	immature	N		40-49 years	0	
47	O 6	U 0	5	76	10	120	55	oak	immature	N		10-19 years	0	
comnts Fmd : Exclusion within a large aspen clearcut.														
48	C 6	Q 1	19	122	9	260	40	cedar	immature	N		20-29 years	0	
51	A 3	M 1	4	23	4	0	60	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Patch of Aspen within a large grass opening. This stand should be protected if stand 403 is burned again.														
52	A 3	M 1	2	23	4	0	60	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Small patch of aspen within stand 403. Stand should be protected if grass opening is burned.														
53	A 3	F 1	31	22	3	0	60	aspen (upland)	immature	N		30-39 years	0	
56	Q 6	Q 1	49	77	7	90	51	mixed swamp conifer	immature	N		10-19 years	0	
57	Q 4	Q 2	13	39	4	30	51	mixed swamp conifer	immature	N		40-49 years	0	
73	M 6	M 1	9	81	10	110	70	northern hardwood	immature	N		10-19 years	0	
74	O 4	G 0	17	81	9	10	65	spruce-fir (uplands-including upland black spruce)	sparse	Y		within 0-9 years	0	planting

Treatment Limiting Factors:

Retention of stand for regeneration purposes (ie. shelterwood)

comnts Fmd : Stand was cut in 2000, under contract 28-99-01. The stand was to be trenched and seeded with a mix of pine species, under FTP 33-536. The area was trenched and seeded to a mix of R, W and J in June of 2002. The seeding failed, the old FTP should be canceled and a new one created. There is to high of deer numbers to plant pine, so we should trench and plant white spruce. The residual oak will be left for diversity and mast and also a seed source.

Wld : Concur with FMFMD.

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					B	Tot. BA								
75	A 4	F 1	29	71	10	20	60	aspen (upland)	mature	Y	final harvest	within 0-9 years	2	planting
<p>comnts Fmd : Part of this stand was trenched and seeded with a mix of pine species in 2002, this failed. This seeding under FTP 33-535 should be canceled. I combined what was stand 407 and stand 75 into one stand. There are scattered clumps of mature aspen throughout both of these stands. The aspen, maple, and balsam should be harvested; leaving the oak and cherry. After the aspen is cut another FTP should be made out to trench and plant white spruce in the areas that did not fill in with aspen. This will probably be at least half of the stand. # At the pre-review wildlife decided they did not want to plant this stand this decade, even though it was on an FTP to plant last decade. They are okay with harvesting the aspen, maple, and balsam but do not want to plant this stand. If stand 34 is not treated this stand does not have enough volume in it to have a logger secure permission from the private landowners to gain access. So, do not treat this stand if stand 34 is not treated. I would still prefer to plant this stand, because that was the plan for the area last time around.</p> <p>Wld : Discuss at Compartment Review.</p>														
76	A 3	F 1	2	11	2	0	70	aspen (upland)	immature	N		40-49 years	0	
<p>comnts Fmd : Small patch of aspen within stand 403. Stand should be protected if grass opening is burned.</p>														
88	L 0	L 0	9		0	0		lowland brush	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - Floodplain of the the Shakey River, the river runs through it.</p> <p>Wld : SCA - Shakey River Riparian Corridor.</p>														
89	L 0	L 0	46		0	0		lowland brush	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - Buffer along Little Shakey Creek. Some of the floodplain is filling in with T and S. There are also some clumps of mature timber within the stand.</p> <p>Wld : SCA - Shakey Creek Riparian Buffer.</p>														
90	L 0	L 0	10		0	0		lowland brush	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - Buffer along the Shakey River.</p> <p>Wld : SCA - Shakey River Riparian Corridor.</p>														
93	F 1	A 1	21	6	1	0	60	spruce-fir (uplands-including upland black spruce)	in process of regeneration	N		60-69 years	0	
<p>comnts Fmd :</p>														
94	E 6	Q 2	17	62	7	120	35	swamp hardwoods	immature	N		10-19 years	0	
<p>comnts Fmd :</p>														
95	N 0	N 0	1		0	0		marsh	nonstocked	N		not scheduled	0	
<p>comnts Fmd :</p> <p>Wld : Burn or manual cut to open marsh. Possible pot hole development.</p>														
96	N 0	N 0	1		0	0		marsh	nonstocked	N		not scheduled	0	
<p>Wld : Burn or manual cut to open marsh. Possible pot hole development.</p>														

ESCANABA FOREST MGT UNIT

Stand Level Information

Compartment: 18

Entry Year: 2009

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97	N 0	N 0	1		0	0		marsh	nonstocked	N		not scheduled	0	
Wld : Burn or manual cut to open marsh. Possible pot hole development.														
99	F 3	A 2	13	15	1	0	63	spruce-fir (uplands-including upland black spruce)	immature	N		30-39 years	0	
100	P 3	F 2	17	6	1	0	60	balsam poplar & swamp aspen and swamp white birch	immature	N		40-49 years	0	
comnts Fmd :														
403	G 0	G 0	105			0	60	grass	nonstocked	N		within 0-9 years	0	opening maintenance
comnts Fmd : This stand is prescribed for a prescribed burn. DO NOT burn through the aspen stands that are mapped out. Planting of fruit bearing shrubs was not brought up during the pre-review.														
Wld : A prescribed burn will be conducted within this opening. May want to put a plow-line around the aspen patches to discourage new aspen growth. This burn will benefit a variety of wildlife species.														
405	G 0	G 0	25			0	60	grass	nonstocked	N		within 0-9 years	0	opening maintenance
comnts Fmd : This stand is prescribed for a prescribed burn.														
Wld : A prescribed burn will be conducted within this opening. This burn will benefit a variety of wildlife species.														
410	G 0	G 0	3		0	0	60	grass	nonstocked	N		not scheduled	0	
Wld : Remove trees from opening.														
412	G 0	G 0	31		0	0	60	grass	nonstocked	N		within 0-9 years	0	opening maintenance
comnts Fmd : This stand is prescribed for a prescribed burn.														
Wld : A prescribed burn will be conducted within this opening. Would like to maintain this opening, with the other large openings being prescribed. This burn will benefit a variety of wildlife species, including many game species such as grouse, pheasants, and white-tailed deer.														
Total Acres..... 1719														