

* 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	O6	O1	41	88	9	80	49	oak	two aged	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Scenic values/visual values Delayed treatment for age/size class diversity</p> <p>comnts Fmd : Browse on oak and maple seedlings. Aspen is poor to average in quality, top die back can be expected in next 10 yrs. Stand looks like it may have been treated with a diameter limit cut in the past. There looks to be a 90ish age class and a 60ish. Excellent clumps of witch hazel and june berry.</p>														
2	A2	M1	21	8	1	0	50	aspen (upland)	sparse	N		40-49 years	0	
<p>comnts Fmd : 2008 Comments: Poor quality and sparse. There are a couple pockets of aspen regen about 15' tall along edges of stand. Center of stand is more of a u-type with scrub cherry and bushy oak/maple stump sprouts. (old comments) OAK IS DYING, NO ADVANCE OAK REGENERATION. HARVESTED THE WINTER OF 1999/2000(SALE#720479901, SAM'S SALE)</p>														
3	W9	W1	14	105	18	140	50	white pine	mature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Scenic values/visual values</p> <p>comnts Fmd : Big pine in the 100 year old range. White pine diameter is a little larger than the red pine. Noticed older weevil damage but the trees are starting to grow out of it. Majority of this stand is a portion of an old sale that was not cut. Stand 33 is the same sale but that stand was thinned. This stand is a cool natural pine stand that is moving along just fine. I do not see any reason to thin. Thinning in stand 33 pretty much just took out the suppressed hardwood and pine that really weren't having much impact on the stand overall.</p>														
4	A6	W2	13	46	8	140	60	aspen (upland)	immature	N	final harvest	within 0-9 years	2	natural regeneration
<p>comnts Fmd : If we want to manage for aspen- recommend a final harvest-all trees 2" and up. Leave a buffer along road for retention. Aspen is a product of a salvage cut in the early 60's and is found in pockets. The bigger white/red pine trees found in this area are in the 100yr range. There are a couple areas of heavy/dense white pine regen. Some scattered oak and maple. The management objective for this stand is aspen but, will accept a moderate to fully stocked mixed stand consisting of aspen, maple, oak, and mixed pine. If natural regen fails, plant this stand to red pine.</p>														
5	W5	W2	33	46	6	60	50	white pine	low quality	N		10-19 years	0	
<p>comnts Fmd : A good amount of hawthorne found in the understory. There are open areas with very dense white pine regen. Scattered sawlog size pine. Over all the timber quality in the stand is poor. Did not notice any recent weevil damage to white pine. The stand seems to have a two aged structure to it.</p>														
6	J6	U1	41	43	8	80	50	jack pine	immature	N		10-19 years	0	
<p>comnts Fmd : Pockets of bigger mature aspen found throughout. The two trees cored were about 40 yrs old. This stand has a nice component of down woody debris. A few areas of very dense hawthorne. Some grouse activity around the aspen pockets. Look at treating next year of entry.</p>														
7	S3	P1	20	14	2	0	50	black spruce-swamp	immature	N		30-39 years	0	
<p>comnts Fmd : Many trees pushing 25-03' tall. Several clumps of red maple and aspen among a fairly consistant stand of fir and some black spruce. Thick but open enough to walk through. Open water found in stand(in Feb).</p>														
8	J6	U1	38	58	8	70	45	jack pine	immature	Y	final harvest	within 0-9 years	1	natural regeneration
<p>comnts Fmd : Most of the aspen found in southern portion of stand. A minor component of oak. Recommend a final harvest w/ reserves. Leave a couple islands to help influence aesthetics. Would like try and obtain natural regeneration. Require trees to be de-limbed in sale area or else leave tops. Prescribe burn area after sale to reduce slash and promote jack pine regen. Try to avoid burning aspen pockets where possible (specifically along southern edge). Try to extend stand towards the south along the RR tracks creating an edge along the q-type (extend all the way to stand 15 if possible). Management objective for this stand is jack pine but will accept a moderate to fully stocked stand consisting of jack pine, aspen, oak, maple, red pine, and white pine. If natural regen fails manage as a u-type.</p>														
9	Q5	Q2	38	58	5	50	46	mixed swamp conifer	immature	N		10-19 years	0	
<p>comnts Fmd : A variable stand. There are open areas with alder, dense pockets of Q3, and a hardwood component found scattered throughout fir and black spruce. Many unmerch-size fir and spruce. Did not notice much deer activity. Areas of open water especially along the pvt line - drainage tiles in adjacent field? Most of the e-type that had been found during previous stand examinations has died.</p>														

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					D	B								
10	C6	F3	199	111	8	90	32	cedar	mature	N		10-19 years	0	
comnts Fmd : Open water found throughout (in Feb). Cedar seems to be in fairly decent shape. There is quite a bit of blow down. The water has a greater influence on timber type and quality the farther south in the stand you go. Very tough walking in snow shoes.														
11	A5	U1	28	34	5	60	54	aspen (upland)	immature	N		10-19 years	0	
comnts Fmd : Poor looking stand, hit heavy by Hypox. Already several trees w/ dead tops- several more are on their way. Should make an A6 next year of entry.														
12	U4	U1	7	34	6	20	54	upland brush	sparse	N		20-29 years	0	
comnts Fmd : Scrub cherry, pockets of hawthorne, and scattered jack pine and oak. Sweetfern blankets the ground. Basal area is estimated-no plots were taken.														
13	A3	U2	62	8	2	0	54	aspen (upland)	low quality	N		40-49 years	0	
comnts Fmd : 2008: Averages 10' in height. Oak stump sprouts scattered in stand. There are open u-type areas w/ poor aspen regen, cherry and scrub oak. A minor component of mixed conifer. (old comments) HEAVY HYPOXYLON CANCKER. WINTER CUT. HARVESTED SPRING OF 2000(SALE # 720189901, ASPEN TRACK).														
15	U2	U1	20		0	0	54	upland brush	sparse	N		50-59 years	0	
comnts Fmd : Open area. The county dropped stumps along the road to prevent off road vehicles fom accessing the adjacent pvt mineral pit. There are areas of sweetfern, scattered cherry, pockets of aspen clones. There is an island of mature oak. Looks like area is being used as a shooting range. SI from adjacent stand.														
16	U2	U1	3		4	0	50	upland brush	sparse	N		20-29 years	0	
comnts Fmd : Filled w/ sweetfern and hawthorne. Scattered cherry aspen and oak.														
17	A5	U1	23	88	8	60	45	aspen (upland)	two aged	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity														
comnts Fmd : Oak was used for the age of the stand. Sawlog oak with areas of A4. Some clumps of red maple. Fir is starting to seed in from stand 10. Hawthorne, service berry, witch hazel present in understory. Save stand as a retention island for the area, this stand was left after most of this area of the compartment was treated.														
18	A3	O1	41	17	2	0	53	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Areas of nice A3 approx 30' tall. There are open areas of O1/U1 with scattered red maple. There is an island of oak along Sheep Herders Trl.														
19	A5	U1	4	73	8	60	48	aspen (upland)	immature	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u> Other special wildlife habitat consideration (desc. In comments)														
comnts Fmd : Leave stand. It can be considered a retention island for stands 18 and 24. Scattered oak and jack along east edge. The SW portion of stand is wet and contains swamp conifer and alder.														
20	U4	U1	6		4	10	50	upland brush	sparse	N		20-29 years	0	
comnts Fmd : Filled w/ sweetfern and hawthorne. Scattered cherry aspen and jack.														
21	A3	A2	26	19	2	0	48	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Not very good looking aspen. Hypox present. Some open areas w/ jack pine and cherry. A conifer component is present, a few oak mixed in as well. A couple wet areas in SW along the pipeline. The good pockets are 20' tall.														
22	U4	G0	10		4	10	48	upland brush	sparse	N		40-49 years	0	
comnts Fmd : North end of stand is starting to fill in w/ jack pine. Southern part of stand is more open and has the snowmobile parking lot. Scattered cherry. Open areas contain mainly sweetfern. A couple big oaks.														

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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								
23	J6	O 1	125	63	8	80	47	jack pine	two aged	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Scenic values/visual values</p> <p>comnts Fmd : Pockets of mature J6 mixed in with pockets of 30 year old jack pine. Looks like there may have been a couple disturbances in the 60's and 70's? The timbersale log shows "improvement" cuttings in this area around this time frame. Open u-types mixed in her and there. Looks like some old gravel pits can be found in here too? With all of the recent treatments would recommend leaving stand "as is" for now and consider treating next year of entry. Some mortality in the older jack pine is expected but, the stand over all should be able to hold another 10.</p>														
24	A2	A 1	49	8	1	0	51	aspen (upland)	immature	N		40-49 years	0	
<p>comnts Fmd : Fairly poor stems/acre. The aspen is patchy and poorly formed. The open areas contain cherry, red maple, and oak. Browse is evident. Some hawthorne present. The better looking aspen is reaching 10' tall. (old comments - NEED TO TREAT THE ASPEN IT IS DYING. WINTER CUT ONLY. HARVESTED SPRING OF 2000(SALE# 720189901, ASPEN TRACK)</p>														
25	A3	O 1	50	19	2	0	51	aspen (upland)	immature	N		30-39 years	0	
<p>comnts Fmd : Patchy regen upt 30' tall. Open areas contain sweetfern, oak and cherry. Hypox present.</p>														
26	X0	X0	1		0	0		other non-stocked or non-forest or non-productive	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Snowmobile parking lot. Start of trail# 489</p>														
27	J2	O 1	39	19	2	0	46	jack pine	immature	N		30-39 years	0	
<p>comnts Fmd : Some areas could be called a J3- but on average it is a J2 working on becoming a J4. More of an oak aspen type in the northern portions of stand. There is a 2 acre piece of J6 now about 40yrs old left from cut in SE corner.</p>														
28	L0	L0	9			0		lowland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Did not visit stand. Photo interp.</p>														
29	O6	O 1	42	71	8	70	55	oak	immature	N	final harvest	within 0-9 years	1	planting
<p>comnts Fmd : Some rolling hills. A cycle trail runs through this stand. Heavy browse and other deer activity. Some scattered advanced rp and wp regen present(leave, do not damage during sale). A very poor looking stand in severe decline. Dead snags and tree tops throughout. Extensive illegal fuel wood cutting is occurring along the cycle trail. Final harvest w/ reserves- Use leave islands to protect the cycle trail and to help with aesthetics. Try to obtain some oak stump sprout regeneration. After sale is complete, trench and plant mixed pine around natural regen. Management objective is oak but will accept any moderate to fully stocked stand containing an oak component.</p>														
30	O4	G0	39	41	5	30	40	oak	two aged	N		10-19 years	0	
<p>comnts Fmd : Did not visit stand. Basal area estimated. Legal access?</p>														
31	I6	I 1	6	68	9	120	45	upland brush	mature	Y	final harvest	within 0-9 years	1	
<p>comnts Fmd : Strip of scotch and jack pine. Fairly decent oak and white pine regen. Final harvest with no reserves. Do not replant. Any natural regeneration including upland brush is acceptable.</p>														
33	W9	W 2	8	105	18	120	50	white pine	mature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Scenic values/visual values</p> <p>comnts Fmd : This portion of the stand had been thinned in 12/2005. T-sale #720330101. Probably could have taken a little more sawlog volume out. A decent lookin natural mixed stand. The Basal area is similar to the adjacent stand 3 but doesn't have the structure of snags and intermediate aspen, oak and pine. There is a good amount of down woody debris. The pine should seed in well in the understory. (old comments) A MIXED STAND OF WHITE AND RED PINE. THIN TO 110 BA. CREATE 50 TO 70 FOOT REGENERATION HOLES IF NEEDED.</p>														

GRAYLING FOREST MGT UNIT

Stand Level Information

Compartment: 229 Entry Year: 2010

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acres	Age	avg. DBH	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
400	G 0	G 0	8			0		grass	nonstocked	N		within 0-9 years	0	opening maintenance
comnts Fmd : A maintained wildlife opening. Scotch and jack pine starting to expand along the edges. Should try to pick up these brushy edges while cutting stand 31. Also burn with surrounding stands after harvest is complete.														
401	G 0	G 0	12			0		grass	nonstocked	N		within 0-9 years	0	opening maintenance
comnts Fmd : A maintained wildlife opening. Scotch and jack pine starting to expand along the edges. Should try to pick up these brushy edges while cutting stand 6. Center of stand is developing into a u-type. Burn with surrounding stands when harvest is complete.														
Total Acres.....			1076											