

\* 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 B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
1	J6	O 1	8	71	8	90	48	jack pine	mature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Scenic values/visual values</p> <p>comnts Fmd : This stand is still in decent shape. Hold another 10 yrs to let stand #3 get a little taller. There has been extensive harvesting on both sides of CO RD 612. Oak also present.</p>														
2	J6	J 1	15	62	7	80	46	jack pine	mature	Y	final harvest	within 0-9 years	2	natural regeneration
<p>comnts Fmd : A few open areas. Some of the bigger stems of oak actually look fairly healthy. 99 = mixed aspen and oak. Final harvest w/ reserves. Leave 3 - 5 BA representing all species present within stand. Management objective is a moderately to fully stocked stand with jack pine, pockets of aspen regen, and an oak component. If stocking is not found to be adequate after regen survey - plant to jack pine around natural regeneration.</p>														
3	R3	R 3	75	14	2	0	48	red pine	immature	N		30-39 years	0	
<p>comnts Fmd : Red pine plantation approx 8 - 10' tall. Jack pine, aspen, cherry, and oak also present. Pockets of aspen over top the red pine in some areas.</p>														
4	J3	O 1	23	3	0	0	48	jack pine	in process of regeneration	N		40-49 years	0	
<p>comnts Fmd : 2008: Jack pine plantation. Oak stump sprouts scattered throughout. Cherry and red maple also present. An uncut strip left along eastern edge. UPDATE: was cut in Nov/Dec 2004 under sale 720420301 Hired Guns Aspen Jack Mix. FTP has been submitted to trench &amp; plant back to JP. (Stand was planted to jack pine in may of 2006 under FTP C72-518.)</p>														
5	X0	X 0	26			0	48	other non-stocked or non-forest or non-productive	nonstocked	N		not scheduled	0	
<p>comnts Fmd : LAKEHEAD PIPELINE FACILITY, STORAGE TANKS, NON-TIMBERED</p>														
6	J6	O 1	29	42	6	70	51	jack pine	immature	N		20-29 years	0	
<p>comnts Fmd : There is an nice patch of 70 yr old jack pine along Q-type that has influenced data. Majority of the stand is a J4/J5. Many trees are not merchantable. Red pine and oak present. 2 new well sites have been proposed for this stand.</p>														
7	J6	O 1	6	75	9	90	47	jack pine	mature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Influence zones</p> <p>comnts Fmd : Not field examined in 2008. Treat with std 12 comp 291</p>														
8	A3	J 1	33	4	1	0	56	aspen (upland)	in process of regeneration	N		50-59 years	0	
<p>comnts Fmd : 2008: patchy mix of A3/ A2. Cut by KG blade 1967. (old comments) Access from comp 291 when cut std 8 in 2002 cut this stand and the J6 at that time. Cutting the stand now to break up the age class of the aspen. UPDATE: cut in Nov/Dec 2004 under sale 720420301 Hired Guns Aspen Jack Mix. Sale boundary around this upland aspen stand was incorrectly run down into the cedar swamp to the south. Harvesting contractor got stuck while trying to cut the boundary. Ten acres of swamp were removed from the sale area by running a new red line on the high ground and browning out that portion of the old line that was visible from the new line. .</p>														
9	Q5	L 1	6	79	6	40	40	mixed swamp conifer	immature	Y		40-49 years	0	
<p><u>Treatment Limiting Factors:</u> Deer yards</p> <p>comnts Fmd : Not field examined in 2008.</p>														
10	L2	L 2	7		2	0		lowland brush	immature	N		not scheduled	0	
<p>comnts Fmd : L2 east side, bog type to west in com 291</p>														

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					B	Tot. BA								
11	J6	O 1	56	45	7	80	49	jack pine	immature	N	final harvest	within 0-9 years	2	natural regeneration
<p>comnts Fmd : Aspen was cut out of stand in 53. There are pockets of poorly formed aspen through out. Quality of stand is worse along the right-of-way. A couple excellent pockets of jack pine present with oak and red mixed. Final harvest with reserves. Follow retention guidelines - use islands and mark various trees to leave throughout. Try to open up the areas w/ aspen as much as possible to encourage aspen regen. Try to attempt natural regen. The objective is a moderate to fully stocked mixed stand with aspen, jack pine, oak, and red pine present. If natural regen fails-plant jack pine around existing regen.</p>														
12	A5	U 1	35	42	6	50	58	aspen (upland)	immature	N	final harvest	within 0-9 years	2	natural regeneration
<p>comnts Fmd : Red maple also present. Poor quality aspen stand with scattered large oak and mixed conifer. Aspen is around biomass peak and the oak is in decline. Final harvest with reserves. Cut all trees 2" and up. Use leave islands for retention. Management objective is an aspen stand with a component of mixed hdwds and conifer. There is potential for edge habitat creation within the q-type. If possible extend sale into stand 14 and have the boundary line trees dropped into 14 for horizontal structure. (per -pre review - run boundary line to encompass as much of stand 410 as possible and use the sale as an opportunity for brush maintenance. Make efforts to grab aspen clones along edge of q-type surrounding stand 410)</p>														
13	A3	A 2	10	4	1	0	58	aspen (upland)	immature	N		50-59 years	0	
<p>comnts Fmd : 2008: Seasonal wet areas. A3/A2 about 5' tall. Oak, rm, and conifer present. UPDATE: Nov/Dec 2004 under sale 720420301 Hired Guns Aspen Jack Mix.</p>														
14	Q6	F 2	274	91	7	80	50	mixed swamp conifer	immature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Deer yards</p> <p>comnts Fmd : Areas of open water but potential for treatments present. Stand is a mixture, there are areas of p-type, C6, F3, S6, F6, L-types too. A few areas are so thick w/ fir -you could swim across.</p>														
15	A2	O 1	16	16	0	0	52	aspen (upland)	in process of regeneration	N		40-49 years	0	
<p>comnts Fmd : Patchy, lower quality. Pine, oak, and fir present. More of an O2/U2 along Pickeral Lake Rd.</p>														
16	O7	W 1	13	89	12	40	48	oak	sparse	Y		20-29 years	0	
<p><u>Treatment Limiting Factors:</u> Other special wildlife habitat consideration (desc. In comments)</p> <p>comnts Fmd : Open sawlog size oak w/ scattered mixed pine. On the edge of converting to a mixed pine stand. Aspen, maple, cherry present. Open areas of upland brush. Grouse activity in stand. Leave stand for mast.</p>														
17	A6	U 1	30	41	6	70	60	aspen (upland)	two aged	N	final harvest	within 0-9 years	2	natural regeneration
<p>comnts Fmd : Stand varies in size and quality. Looks like oak and red pine were left during the last harvest? Wet locations along the Q-type. Final harvest with reserves. Use leave islands and mark out a few of the healthier red pine and oak to leave. Management objective is aspen with traces of oak and mixed conifer. (per pre-review) If natural regen fails, manage the stand as a U-type</p>														
18	A3	U 1	30	16	2	0	65	aspen (upland)	immature	N		30-39 years	0	
<p>comnts Fmd : About 15' tall. Oak, red maple, cherry, and mixed conifer also present. Average quality. Looks like a few low areas within the stand.</p>														
19	L2	L 2	96					lowland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Middle branch of Big Creek flows through this stand. Areas of L3. Also scattered Q-type.</p>														
20	U4	U 1	20	55	4	20	50	upland brush	immature	N		not scheduled	0	
<p>comnts Fmd : 2008 death by browse? Clumps of maple, scattered conifer, and a couple clones of aspen. Lots of cherry, service berry, and grass. Hunting activity evident. Nice pockets of aspen on the N and S ends. A few oak. (old comments) CUT 1954 FOLLOWED BY FTP IN 1967-TRACE OF POLE CLASS.</p>														

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21	A3	A2	7	4	1	0	62	aspen (upland)	in process of regeneration	N		50-59 years	0	
comnts Fmd : Patchy. Half high and half lowland. UPDATE: cut in Nov/Dec 2004 under sale 720420301 Hired Guns Aspen Jack Mix.														
22	R9	A2	6	87	14	80	53	red pine	immature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Water quality/bmps														
comnts Fmd : High and low ground. 2008: Not field examined														
23	J6	U1	21	43	5	70	50	jack pine	immature	N		20-29 years	0	
comnts Fmd : FIRE OCCURED 1966. A couple aspen clones. Stand varies from a J3 to a J6. Many trees do not mak a stick.														
24	J6	O2	39	64	8	70	48	jack pine	mature	Y	final harvest	within 0-9 years	2	natural regeneration
comnts Fmd : Several dead trees throughout. There are pockets where the entire overstory has fallen down. A few locations of excellent oak and red pine regen(15'+). Final harvest w/ reserves. Leave 3 - 5 BA throughout the sale area. Protect oak and pine regen. Management objective is a moderately to fully stocked mixed pine stand with an oak/aspen component. If stand fails to regenerate naturally. Plant to jack pine.														
25	J3	U1	55	3	0	10	48	jack pine	nonstocked	N		50-59 years	0	
comnts Fmd : UPDATE: cut in Nov/Dec 2004 under sale 720420301 Hired Guns Aspen Jack Mix. Was final harvested 2" & up, except all red pine was left. FTP was submitted to trench and replant to jack pine. (Stand was planted to jack pine in may of 2006 under FTP C72-518.)														
26	A2	U1	16	4	1	0	54	aspen (upland)	in process of regeneration	N		50-59 years	0	
comnts Fmd : Patchy, about 4' high. Stand varies from an A1 to an A3. Low area in north portion of the stand. Occupied KW habitat to the east. UPDATE: cut in Nov/Dec 2004 under sale 720420301 Hired Guns Aspen Jack Mix.														
27	J3	J3	81	14	1	0	52	jack pine	immature	N		40-49 years	0	
comnts Fmd : J3 about 8 - 10' tall. - with cherry, aspen, oak, and red pine present. UPDATE: 70 ACRES OF JACK PINE PLANTED 1993 AND 26 ACRES PLANTED 1995. SOME A3 NORTH BY PRIVATE.														
28	A6	M1	48	39	6	80	64	aspen (upland)	immature	N		10-19 years	0	
comnts Fmd : Sawlog Rp in islands. Aspen quality seems to decline in the south. A handfull of open areas, and some wet ones as well. Some oak regen and scattered fir in the understory. UPDATE; TREATED BY FTP 1961 AND CUTTING 1970 LEFT SCATTERING OF R&W7.														
29	A5	U1	6	55	8	60	52	aspen (upland)	immature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Too wet														
comnts Fmd : This stand was not field examined in 2008. Island of higher ground, inaccessible by dry land. Check next time for potential habitat cut for wildlife.														
30	O2	A2	1	5	0	0	54	oak	in process of regeneration	N		not scheduled	0	
comnts Fmd : This stand was harvested with the adjacent Gaylord stand. Oak and aspen present. Planted?														
31	J4	U2	5	39	5	20	42	jack pine	sparse	N		40-49 years	0	
comnts Fmd : Treat w/ adjacent stand in C291. Was not field examined in 2008.														
32	L2	L2	2			0		lowland brush	immature	N		not scheduled	0	

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33	U4	U1	4	41	4	20	46	upland brush	immature	N	final harvest	within 0-9 years	2	
comnts Fmd : Scattered open grown pines, cherry, aspen, oak. Raspberry, serviceberry and hawthorne present. Final harvest w/ surrounding stands. Final harvest no reserves, cut everything 2" and up. Management objective is upland brush. Old landing?														
34	W6	W2	5	41	6	80	50	white pine	immature	N		20-29 years	0	
comnts Fmd : Some big white pine and red pine sawlog tree - jack pine too. Stand is mixed but converting to white pine.														
35	U4	U1	15	41	5	30	48	oak	two aged	N	final harvest	within 0-9 years	2	natural regeneration
comnts Fmd : Very poor quality. Not sure what happened. It is a good idea to start over. 16" dbh oak over misc 5" junk. This is an excellent time to work on edge enhancement along stand 14. Incorporate 1/2 to 2 chains of q-type along the sale border if possible. Drop boundary line trees into stand 14. Final harvest no reserves. Mark a couple healthy oak to leave throughout the sale area. Try to protect healthy oak regen. Manage for a mixed stand containing oak, red maple, aspen, mixed pine and misc conifer. If regen fails to meet standards - consider planting to jack pine, red pine, or spruce around established regen.														
36	L3	L3	1			0		lowland brush	immature	N		not scheduled	0	
comnts Fmd : SE end of stand is section corner.														
37	U4	G1	7	43	4	10	50	upland brush	sparse	N		40-49 years	0	
comnts Fmd : Grass, moss, juneberry, sweet fern. Mostly open. JP, RP, Oak, Cherry, service berry present														
400	G0	G0	1			0	51	grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITE= ARBOR OPERATING __ LOVELLS A1-1 (3' of snow at inspection)														
401	G0	G0	1			0	48	grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITE= ARBOR OPERATING __ LOVELLS A4-1 (3' of snow at inspection)														
402	G0	G0	1			0	49	grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITE= ARBOR OPERATING __ LOVELLS B2-1 (3' of snow at inspection)														
403	G0	G0	1			0	48	grass	nonstocked	N		not scheduled	0	
comnts Fmd : ABANDONED WELL SITE. There is a possability of it being re-used by ARBOR OPERATING in the future.														
404	G0	G0	1			0	52	grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITE= ARBOR OPERATING __ LOVELLS C4-1 (3' of snow at inspection)														
405	G0	G0	1			0	48	grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITE= ARBOR OPERATING __ LOVELLS D4-1 (3' of snow at inspection)														
406	G0	G0	1			0	48	grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITE= ARBOR OPERATING __ LOVELLS B3-12 (3' of snow at inspection). JP starting to fill in around pad.														
407	G0	G0	1			0	48	grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITE= ARBOR OPERATING __ LOVELLS C4-12 (3' of snow at inspection) invasives present														

GRAYLING FOREST MGT UNIT

Stand Level Information

Compartment: 292 Entry Year: 2011

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S t a n d	Cover Type- Size Dnsty	Under Story- Stkng Level	A c r e s	Age	avg.		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D B H	Tot. BA								
408	G 0	G 0	1			0	48	grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITE= ARBOR OPERATING ___ LOVELLS D3-12 (3' of snow at inspection) invasives present														
409	G 0	G 1	8			0	58	grass	nonstocked	N		within 0-9 years	0	opening maintenance
comnts Fmd : WLD maintained opening. Oak and u-type also present.														
410	G 0	G 1	6			0	54	grass	nonstocked	N		within 0-9 years	0	opening maintenance
comnts Fmd : WLD maintained opening. Clumps of shrubs and oak present.														
<b>Total Acres.....</b>			<b>1150</b>											