

* 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	O 6	M 1	4	82	9	130	58	oak	mature	N		not scheduled	0	
comnts Fmd : HOLD FOR VISUAL MANAGEMENT														
2	J 6	M 2	6	88	9	140	42	jack pine	mature	Y	final harvest	within 0-9 years	1	
comnts Fmd : Mixed stand of softwood and hardwood along County Road 612. Stand includes Jack, Red and White Pine and Aspen, Red Maple and some Oak. Recommend final harvest, but leave some Oak and Red Pine for visual. Aspen should regenerate naturally, but will except any regeneration. No retention														
3	A 9	M 2	6	61	12	130	76	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	
comnts Fmd : Small mature stand of Aspen and Oak mixed that is found on ridge. Visible from County Rd 612. Recommend final harvest, but leave 10 BA of scattered Oak throughout the stand for mast and visual management. Stand acreage small. Aspen should regenerate naturally, but will except all species (some Oak should stump sprout) No retention. Mark the 10BA of Oak in green.														
4	O 9	M 1	7	72	13	140	74	oak	mature	N	shelterwood-seed	within 0-9 years	1	
comnts Fmd : Mature Oak stand somewhat visible from County Rd 612. Found on ridge top and side slopes. Recommend shelterwood seed (40% crown closure). Treat with stand 3 and 5.														
5	A 9	M 2	9	43	10	110	73	aspen (upland)	mature	N	final harvest	within 0-9 years	1	
comnts Fmd : Mature Aspen stand. South end of the stand borders County Rd 612. Recommend final harvest, but leave Red Pine (White Pine) in the stand. Recommend no other retention species other than Red Pine (White Pine) for the stand. Red Pine (White Pine) is for visual management and the stand will quickly regenerate to Aspen and Red Maple mixed. Stand is somewhat small and Aspen is somewhat on the poor quality side.														
6	A 3	A 2	45	4	2	30	71	aspen (upland)	immature	N		50-59 years	0	
Treatment Limiting Factors: Retention of stand for regeneration purposes (ie. shelterwood)														
comnts Fmd : 2007 Field Notes: Immature Aspen/Birch stand located on ridge top and side slope. Visible from County Road 612. Cut previous year of entry with scattered Birch and Oak left in the overstory. Recommend nothing, continue managing for Aspen and Birch. 1997 Field Notes and Updates: LEAVE 20 B.A. OF PAPER BIRCH AND ALL OAK FOR VISUAL AND FOR RENERGATION PURPOSES. MARK TO LEAVE Harvested in summer of 2004 Rabbit Block 612 72-40-00-01. After a site visit in the summer of 2005 with Wildlife Biologist, Silviculturalist and Grayling Forest Mgt. Staff agreed to constructing deer exclosures and monitoring them in this particular stand.														
7	A 5	A 2	86	27	6	60	70	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : A3 last entry year, now an A5 in 2007. Small pole size stand of Aspen mixed with Oak, Red Maple and Paper Birch.														
8	A 3	M 2	21	17	3	0	70	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Immature Aspen stand.														
9	A 3	M 1	108	17	3	0	68	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Immature Aspen stand starting to reach a young pole size status.														
10	A 4	G 0	5	20	5	40	50	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Small narrow strip of mixed species. Dominately Aspen, but has mixed pine and paper birch. North side of stand borders private property. Two track trail traverses through the stand.														
11	M 6	M 2	25		9	150	72	northern hardwood	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : Notes: 2007: Even aged northern hardwood stand on side slope (east facing). Recommend a thinning as well as creating some scattered regeneration gaps throughout the stand. Leave a residual of 90 BA Work at converting the stand to an unevenaged stand. Treat with stand 35 to the north and stand 12 to the east. 1988: STAND HAS HAD RECENT TSI WORK														

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					B	Tot. BA								
12	A 6	M 2	9	45	9	100	75	aspen (upland)	mature	N	final harvest	within 0-9 years	1	
comnts Fmd : Aspen stand mixed with Maple and located within a valley that runs north and south. Recommend final harvest with retention guidelines. Treat with stand 11 and 35. Stand should regenerate to Aspen and Maple.														
13	R 6	M 1	48	48	9	190	57	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 2007: Red Pine plantation that was row thinned in 1991. Recommend thinning between rows or from above (crown spacing). BA goal of 90. Old data 1991: ROW THIN - EVERY 3RD ROW. FDF POTENTIAL.														
14	M 9	M 3	40		12	120	62	northern hardwood	immature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity														
comnts Fmd : 1997: FDF POTENTIAL. THIN TO 90 BA. USE RAPTOR GUIDELINES WHEN MARKING DUE TO A NEST IN THE STAND OR SURROUNDING STANDS. No raptor nest found on state land. Stand thinned 2001 contract #72-024-00-01 Bunch O' Beech block.														
15	R 9	M 1	16	48	10	160	68	red pine	immature	N	thinning	within 0-9 years	1	
comnts Fmd : 2007: Red Pine Plantation row thinned in 2000. Recommend thinning within the rows or from above (spacing). BA goal of 90. Old data 1991: ROW THIN-EVERY 3RD ROW. FDF POTENTIAL. Stand marked and harvested fall 2000, sale number 7200600-01														
16	A 6	A 2	31	27	6	90	66	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : 2007 Field Notes: Immature Aspen stand on rolling terrain. Hardwoods/Paper Birch scattered throughout the stand also. A2 understory and Bracken Fern for ground cover. East side of stand borders private property. Recommend treating in 10-20 yrs and no treatment at this time.														
17	O 6	M 2	22	85	9	130	68	oak	mature	N	final harvest	within 0-9 years	1	
comnts Fmd : Mature Oak stand found on ridge top and side slopes. M1 understory. Recommend a final harvest with retention. (Could also thin the stand or shelterwood (seed cut).														
18	O 6	M 2	33	73	9	70	68	oak	immature	N		10-19 years	0	
comnts Fmd : STAND HAS MEANDERING CYCLE TRAIL WATCH VISUAL MANAGEMENT. Stand Harvested in 2002- 2003. TS#_072-019-00-01, Miscellaneous Line Block. Stand acreage dropped by two acres per GPS traverse of timber sale. (Heckman 02/04/04)														
19	R 6	M 1	27	52	8	210	56	red pine	immature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity														
comnts Fmd : 1991: RIDING HIKING TRAIL THROUGHSTAND. 1997: Red Pine plantation with 70 B.A. of Red Pine pulpwood and the remainder in hardwoods (aspen & red maple). REMOVE ALL ASPEN AND HARDWOOD WITH IN THE STAND. Saddle Red Pine Block, Sale # 720070001 - harvested. (02/04/04)... Added two acres to stand according to GPS traverse from Misc Line Block TS_072-019-00-01.Heckman														
20	J 4	O 1	5	40	7	40	42	jack pine	immature	N	final harvest	within 0-9 years	1	
comnts Fmd : 2008 Jack Pine stand in valley on flat land. Stand was harvested about 30 years ago. Old pulp piles are scattered throughout the stand. Recommend harvesting with stand 38 on the side slope. Use this stand for landing and protect as much of the Oak regeneration within the stand. No retention to be left.														
21	O 9	M 1	58	80	13	130	70	oak	mature	N		10-19 years	0	
comnts Fmd : 1997: ORV trail runs through south end of stand. Also, southwest end of stand, the ridge is unlogable.														
22	A 5	A 2	68	27	5	50	62	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Immature Aspen stand. Now in small pole size status.														

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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	O 9	M 1	65	65	9	90	73	oak	mature	N	final harvest	within 0-9 years	1	
<p>comnts Fmd : 2007 Field Notes: Mature Oak stand found on ridge top and side slopes and valley with old two track an horse trail traversing through the stand. ORV trail also traverses through the stand. Recommend final harvest with large two acre patches left scattered throughout the stand for mast, visual and retention. Protect all trails within the stand. 1997: ORV trail runs through stand as well as riding/hiking trail. 2 acres of dead oak salvaged in SW corner in 1997 contract # 32-94-01</p>														
24	R 6	O 1	43	52	8	100	67	red pine	immature	N	thinning	within 0-9 years	1	
<p>comnts Fmd : 2007 Field Notes: Red Pine plantation located in a valley. Two tracks traverse through portions of the stand a long with Batterson Road, a seasonal county road. Level to slightly rolling terrain, blueberry and pine needles for ground cover. Recommend 3rd row thinning. Treat with stand 29 to the south and also with the same stand to the west in compartment 175 to the west. Shore to Shore Riding and Hiking trail traverses through a portion of this stand. 1988 : STAND EMERGING INTO POLE CLASS 1 AND 2 STICK DOMINATE</p>														
25	M 9	M 2	8	43	10	120	65	northern hardwood	mature	Y	final harvest	within 0-9 years	1	
<p>comnts Fmd : 2007 Field Notes: Small mature hardwood stand. Poor quality and Wolf trees. M2 understory with a small grass patch in the middle. Stands east side borders private property. Rolling terrain and Braken Fern for ground cover. Recommend final harvest and manage for a mixed stand (mixed stand should be Aspen/hardwoods). Private line may need survey work done. 1988: COMBINES WITH 5 ACRES IN COMPARTMENT 208 - 1992 YOЕ.</p>														
26	U 0	J 1	4		0	0		grass	nonstocked	N		not scheduled	0	
<p>comnts Fmd : 1988: RESERVED AREA HAS HORSE TRAIL. 1997: SNOWMOBILE TRAIL ON BATTERSON ROAD RUNS THROGH STAND.</p>														
27	R 6	O 1	12	52	9	120	46	red pine	immature	N	thinning	within 0-9 years	1	
<p>comnts Fmd : 2007 Field Notes: Red Pine Plantation. Aspen, Oak and Jack Pine removed from the stand in last entry year. Recommend 3rd row thinning. Treat with other Red Pine thinnings recommended in the compartment. 1988: STAND HAS 5 ACRES OF MATURE AND IMMATURE J IN EAST END. 1997: HORSE TRAIL AND SNOWMOBILE TRAIL RUN ON BATTERSON ROAD THROUGH THE STAND. THIN JACK PINE FROM THE STAND. Saddle Red Pine Block, Sale # 720070001-harvested.</p>														
28	A 4	A 2	62	17	4	20	55	aspen (upland)	immature	N		30-39 years	0	
<p>comnts Fmd : 2007 Field Notes: Immature Aspen stand approaching small pole size. Used old site index and not of the same species. Site index should be better than the old site index for Aspen. Stand doing good. 1997: USED OLD SITE INDEX. ORV TRAIL RUNS THROUGH NORTHERN PART OF THE STAND. One acre added to stand per adjacent timbersale (TS#_072-019-01-01) Traverse Map. Heckman 02/04/04</p>														
29	R 6	O 1	14	31	8	140	57	red pine	immature	N	thinning	within 0-9 years	1	
<p>comnts Fmd : 2007 Field Notes: Red pine plantation. Two track and snowmobile trail traverse through the stand. Recommend 1st time 3rd row thin. Treat with stand 24 to the north. Old field notes: COMBINES 1959 AND 1979 R PLANTATIONS RECENTLY LIBERATED</p>														
30	O 9	W 1	38	80	13	140	71	oak	mature	N	selection	within 0-9 years	1	
<p>comnts Fmd : 2007 Field Notes: Mature Oak stand with some pine mixed within the stand. Pockets of Red and White Pine scattered within the west portion of the stand. Also scattered pockets of White Pine regeneration. ORV trail traverses through the stand. Recommend Selection cut. Cut canopy gaps throughout the stand in order to obtain oak regeneration in these openings. Between canopy gaps, pockets can be thinned based on timber quality and composition as well as to improve access through stand for equipment. Residual BA following harvest will be variable with some areas higher based on quality and species composition. Regeneration of Oak species, red maple, aspen and white/red pine should be considered successful following harvest. Protect ORV trail. Rolling terrain. (</p>														

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					D	Tot. BA								
31	O5	O1	35	25	4	40	60	oak	immature	N		50-59 years	0	
comnts Fmd : 2007 Field Notes: Immature Oak stand with pine and other hardwood species mixed through it. Old two track traverse through a portion of the stand. Slightly rolling terrain.														
32	W6	O2	12	27	7	70	54	white pine	immature	N		50-59 years	0	
comnts Fmd : 2007 Field Notes: Immature White Pine stand mixed with immature Oak (Some Aspen). Stand was once part of stand 31 when both stand were originally cut. White Pine seed source nearby. Manage stand for mixed pine and oak. Slightly rolling terrain. Average diameter is 3 to 7 inches. Old 1987 Field Notes: W4 LEFT FROM TIMBER SALE-TREAT WITH OAK. AVG DBH W=6"														
33	O9	M2	77	88	10	90	79	oak	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Delayed to take advantage of exceptional site quality or growth														
comnts Fmd : 1988: WAS W1/2 OF STAND 28 BEFORE COMPARTMENT REVIEW. CUT ALL ASPEN. 1997: STAND HAS FDF POTENTIAL. Stand Harvested in 2002- 2003. TS#_072-019-00-01, Miscellaneous Line Block. Stand acreage dropped by one acre per GPS traverse of timber sale. (Heckman 02/04/04)														
34	A4	A2	6	17	4	20	65	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : 2007 Field Notes: Small immature Aspen stand. Stand has some red maple and birch scattered throughout it. Stand extends into the next compartment to the east. ORV trail traverses through a portion of the stand.														
35	M6	M2	49	80	9	150	65	northern hardwood	mature	Y	thinning	within 0-9 years	1	
comnts Fmd : 2008 Even aged Northern hardwood stand. Dominantly Sugar Maple Poles with Beech understory. Some sawlogs. Average diameter in 9 inches. Northwest portion of the stand borders private property and the north end of the stand borders County Road 612. Level to slightly rolling terrain.. Recommend thinning stand to 70-90 BA with scattered regeneration gaps created. 1997: ?? FDF POTENTIAL. ??														
36	U3	G0	14	8	1	0	60	upland brush	mature	N		40-49 years	0	
comnts Fmd : 2007 Field Notes: Upland brush stand Stand was final harvested in 2000. 1997: CLEAR CUT AND DIRECT SEED TO JACK PINE. PRESCRIBE BURN BEFORE DIRECT SEEDING.. Saddle Red Pine Block, Sale # 720070001. Sale completed and site was to be burned and then direct seeded under FTP 72-440 and 72-439. Burn was never completed due to weather, lack of staff, and lack of funding. Evaluation in 2007 revealed we have lost our window to burn and seed. So FTPs cancelled. Changed mgt obj from JP to upland brush per vairiance approved in 1/2008. Agreed to leave and manage for upland brush as stand us surrounded by oak, jp,rp, and aspen regen- so U type added needed diversity for wildlife. SJT														
37	R9	M2	7	62	16	90	71	red pine	mature	N		10-19 years	0	
comnts Fmd : 2007 Field Notes: Treated last entry year. Red Pine with Aspen/Maple understory. 1998: REMOVE ALL SPECIES EXCEPT RED PINE. TREAT WITH STAND 33. Saddle Red Pine Block, Sale # 720070001														
38	J6	O1	21	74	9	70	50	oak	mature	Y	final harvest	within 0-9 years	1	
comnts Fmd : 2007 Field Notes: Mixed stand of Jack Pine and Oak found on side slope. Some pockets of Oak regeneration. Recommend final harvest. Protect and Oak regeneration. Natural regeneration will occur of mixed species. Leave a pocket of retention. 1997: NOT RECOMMEND FOR HARVEST. OLD JACK PINE ON A SLOPE CONVERTING TO OAK														
39	O6	W3	3	89	9	90	73	oak	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Delayed to take advantage of exceptional site quality or growth														
comnts Fmd : 1997: ORV TRAIL RUNS THROUGH THE NORTH END OF STAND. LEAVE A RESIDUAL OF 90-100 SQ.FT.Stand Harvested in 2002- 2003. TS#_072-019-00-01, Miscellaneous Line Block. Stand acreage dropped by one acre per GPS traverse of timber sale. (Heckman 02/04/04)														
40	W9	W3	16	55	13	140	70	white pine	mature	N		10-19 years	0	
comnts Fmd : 1997: ORV TRAIL RUNNING THROUGH THE STAND. One acre added to stand, because of adjacent timber sale GPS traverse TS#_072-019-00-01. (Heckman 02/04/04)														

GRAYLING FOREST MGT UNIT

Stand Level Information

Compartment: 176 Entry Year: 2000

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41	R 9	O 2	18	45	11	110	60	red pine	immature	N		10-19 years	0	
comnts Fmd : 1997: STAND IS FOUND ALONG COUNTY ROAD 612. Leave no retention. Stand should regenerate naturally to Aspen and probably Red Malple.														
42	A 6	U 2	7	41	8	70	66	aspen (upland)	mature	N	final harvest	within 0-9 years	1	
comnts Fmd : 1997: NORTH END OF STAND BORDERS COUNTY ROAD 612. No retention, stand should regenerate to Aspen and Red Maple.														
43	A 9	M 1	7	47	11	120	77	aspen (upland)	mature	N	final harvest	within 0-9 years	1	
comnts Fmd : 1997: NORTH END OF STAND BORDERS COUNTY ROAD 612. No retention, stand should regenerate to Aspen and Red Maple.														
44	R 9	O 2	15	45	11	130	60	red pine	immature	N		10-19 years	0	
400	G 0	G 0	4		0	0		grass	sparse	N		not scheduled	0	
comnts Fmd : 1998: GRASSY OPENING.														
401	G 0	G 0	11		0	0		grass	sparse	N		not scheduled	0	
comnts Fmd : 1998: GRASSY OPENING.														
Total Acres.....			1227											