

* 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	O5	J2	57	53	8	40	44	oak	two aged	N		20-29 years	0	
<u>Treatment Limiting Factors:</u>														
Military use/easement/lease/long-term agreement														
comnts Fmd : Note, this stand is part of a historical bombing range used by military in relation to Wurtsmith air force base back in the 1950s. It is located within identified FUDS special mgt area, which is an area that may contain explosive devices and all entry, foot and vehicle, have been restricted. A Director's order was obtained to enforce the restriction in 2009. SJT. Lowly stocked/low quality oak. Some pockets are thicker than others. JP is scattered throughout, mostly non-merchantable size class. Overall stand make-up is denser on western side, I.e., more jack pine. Stand used to be part of Wurtsmith Gunnery Range. (old comment) Old Bombing Range														
2	W5	O3	179	24	6	40	44	white pine	immature	N		20-29 years	0	
comnts Fmd : O3 understory with light overstory of white pine that was left when stand was cut. Aspen regen is more common in open areas. Occasional overstory oak present, did not pick up any while sampling within stand. Some places stand is more of a W3/O3. Lots of wildlife use, thick regen in most of stand. (old comment) (good RP - WP understory. Remove overstory Oak & Jack pine, leaving clumps of healthy oak Old Comment). Timber Sale # 72-015-01-01, Wilber Road Oak Block. Cut by Yates Forest Products during winter 2002/2003. The stand is now a W3. 05/12/2003. Mm														
3	A3	W1	113	23	3	0	53	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : A3 stand with clones scattered throughout. Sometimes stand is uniform, other times there are openings along with pockets of aspen mixed with significant numbers of balsam fir, oak and white pine. Some red maple clumps are present as well, in relatively low numbers. Stand is variable in places, is a combination of previous stands 3 and 11.														
4	X0	X0	15		0	0		other non-stocked or non-forest or non-productive	nonstocked	N		not scheduled	0	
comnts Fmd : Powerline. Grassy openings for most of the stand. Does drop down to duval creek and becomes quite wet. Creek flows through in this area. Roads are blocked on either side of this valley to obstruct traffic flow and avoid erosion issues. (old comment) Powerline ROW and trail road along it														
5	J6	W3	36	79	9	110	46	jack pine	mature	Y	final harvest	within 0-9 years	1	
<u>Treatment Limiting Factors:</u>														
Delayed treatment for age/size class diversity														
comnts Fmd : Quite a mixed stand with jack pine dominant overall. Red pine and white pine present in descent numbers and are growing well for the most part. Poor quality oak present as well. Thick understory, some large red and white pine present in overstory. ORV route travels through west side of stand and along eastern edge. Harvest stand as final harvest with reserves, removing all jack pine and oak. Leave red and white pine. Regeneration following harvest will most likely be oak species along with jack pine and natural red and white pine regen. Finger of stand extends to the southwest along stand 36. More oak is present as this is a transition zone between stands 5 and 36. Final harvest this area leaving a few reserve trees. This should help to create more of a thicker edge by regenerating the oak and obtaining some natural regen of jack pine, red pine and white pine. Where stand meets stand 106, similar composition can be found. Stand 106 was delineated because of species differences and stocking levels but also because of topographical differences. This stand line should be maintained during sale setup to avoid steep slopes and erosion issues.														
6	E6	F2	82	65	10	150	54	swamp hardwoods	old growth (potential or actual)	N		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Military use/easement/lease/long-term agreement														
Delayed treatment for age/size class diversity														
comnts Fmd : Stand is located in military FUDS boundary, a special mgt area in which all access is restricted due to potential presence of military explosive devices resulting from activities related to a historical bombing range located in stand 1. No foot or equipment entry is allowed, restricting harvest of the stand, until military studies reveal the area is safe for entry, which will probably take at least 5 years. SJT. Mixed stand with pockets of single species composition. Areas of cedar, red maple, birch and fir/WP. Creek flows through central portion of stand/valley, approximately 2-6' wide and 6-18" in depth. Lots of wildlife activity within stand. Heavy browse in places. Areas of thick fir/WP regen in understory. Stand fazes to upland oak/pine with steep banks. These banks were originally part of stand 6 but have been renumbered as stand 106. Limiting factor of being too steep and too wet for any management activities in this area. Blow down and natural flooding have opened up areas of stand for natural regeneration over the years. (old comment) Recommend staying OUT of this area due to steep slopes and water influence. Potential old growth area.														

* 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								
8	O6	W2	73	49	8	90	50	jack pine	mature	N	final harvest	within 0-9 years	1	planting
<u>Treatment Limiting Factors:</u>														
Military use/easement/lease/long-term agreement														
comnts Fmd : Note: This stand is located in the FUDS restricted area, due to risk of military explosive devices that may remain in the area from a historical bombing range (see std 1), the area was closed to all foot and vehicle traffic in 2009 until military studies reveal the area is clear of devices. No entry can be obtained to harvest this stand until military clearance is obtained. The stand is factor limited - it is anticipated it will be at least 5 years for studies to be completed. SJT. Mixed oak pine stand with oak more plentiful in northern portion of stand while central area is more of a true mixed stand with oak and jack pine dominant, oak is of smaller diameter in these areas. Oak is of very poor quality. Understory is thick white pine in places however not quite as heavy as adjacent stand 9. Oak understory thick in places however browse is heavy in pockets-not much recruitment into sapling layer. Treat stand by final harvesting and planting to Jack pine. Leave a few islands within stand, attempt to concentrate these where white pine regen is thickest in order to maintain oak/pine mixture within these pockets as jack pine begins to decline. Stand 108 was delineated to protect slope leading into stand 6. Be careful when setting up boundary to avoid topography that is too steep for timber harvest operations. Oak very poor quality. Manage for JP. Consider harvest and planting in 2011. Excluded portion of stand north of trail road in 2006- see std 108. SJ Thiel 4/06 Treat portino of stand north of trail road with adj stand 44 of compt 65 per review discussion iwhen reviewing compt 65. SJT														
9	O9	W3	35	49	10	110	52	oak	immature	N		10-19 years	0	
comnts Fmd : Very mixed oak/pine stand. Typed as an O9 stand however there are areas where pine is a bit more dominant and where stand is more pole sized. Majority of overstory is made up of mixed oak with some large red and white pine present as well. Aspen is also present in low numbers in localized areas. Understory is very thick white and red pine regeneration. Stand 108 was created/separated to delineate slope to stand 6 from stand 8 and 9. JP is present in small pockets. Could treat stand by removing overstory oak and jack pine however quite a bit of damage would occur to understory/regen as previously stated in comments. Access is ok on FS roads coming in the the south/west. Possibly look at in the future as white pine regen begins to thin itself out and develop into more of a W^ stand with supercanopy red/white pine and oak. (old comment) Good W3 stand. Remove Oak & JP. May want to mark occasional RP-WP log tree. Expect some damage to residual understory. Logging activities should be held is late fall, winter, or early spring. //// Upon field examination and disucssion with Wildlife biologist Robinson, Unit Manager Thiel, J. Bielecki and AALM Montei it was decided to change the prescription that was decided at the Compartment Review. It was agreed to drop the prescription as written and do NO TREATMENT during this YOE. See notes in the Compartment file for further information. Montei 08/02/2001.														
10	O6	M1	18	48	11	70	53	aspen (upland)	two aged	N		10-19 years	0	
comnts Fmd : Mixed stand, predominantly oak species. Some aspen and mixed conifer species including white pine and balsam fir in north and eastern portions of stand as it fazes into adjacent stand 34. Lots of wildlife use within stand and some blowdown which has increased wildlife habitat and overall structural diversity. (no old comment)														
12	E3	E3	57	22	2	0	58	swamp hardwoods	immature	N		50-59 years	0	
comnts Fmd : Mixed stand in the process of regeneration. Definitive stand line was difficult to determine because of mixture of species and some overlap into stand 27 and 34. Aspen and red maple predominate, called stand an E3. Some white pine and small numbers of JP in southern half of stand. Some wet areas and evidence of areas of seasonal high water throughout. (old comment) mix of red maple, balsam fir, WP, aspen, & JP														
13	J5	O1	63	61	7	60	44	jack pine	sparse	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u>														
Delayed treatment for age/size class diversity														
comnts Fmd : Mixed stand with JP dominant. Oak scattered around, heavy in understory in some areas of stand. Red pine overstory present in pockets. Overall stand is fair quality providing good cover and age diversity within compartment. Determine next YOE whether or not to treat, low density/stocking at this point. (no old comment)														
14	J3	J3	78	5	2	0	46	jack pine	immature	N		30-39 years	0	
comnts Fmd : Planted J3 stand with heavy oak component. JP is approximately 3-6' tall. Scattered overstory oak providing good seed source and some structural diversity. JP is growing well, oak regen is thick and growing well although it is heavily browsed in many locations throughout the stand. (old comment) (Trees dead/dying - CC & replant to make 1 aged stand. In heavy oak areas, leave scattered oak. Logging activities should be held in late fall, winter, or early spring. Old comment) Manage for a mixed jack pine/oak ecosystem per TMS Jim Bielecki on 11/24/2003 11/25/2003 mm (Stand planted under FTP Proposal 8-2004)														
15	O3	O2	174	23	3	0	45	oak	immature	N		40-49 years	0	
comnts Fmd : Very mixed stand with oak, JP, WP, RM and occasional RP. Overall stand is O3 with significant JP componenet. Stand continues to be O3 stand with a small amount of merchantable stems scattered throughout. (old comment) mix of oak and JP														

* 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		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
16	J6	O2	94	51	7	80	45	jack pine	immature	N		10-19 years	0	
<p>comnts Fmd : JP stand with oak common throughout, both as overstory and understory components. JP is fair in quality, short in height, small in DBH. Mostly 1-2 sticks of merchantable timber. Oak is poor quality, of stump sprout origin. Occasional aspen pockets throughout stand, mainly along edges. Low volume/stocking at this point, evaluate next YOE for management options. (old comment) Stand in transition - just into J6 stage</p>														
17	J3	J3	109	5	2	0	45	jack pine	immature	N		50-59 years	0	
<p>comnts Fmd : J3/O3 stand with thick oak regen in places, mainly of stump sprout origin, some seed source. Lots of browse in places. Some 4-6" DBH JP/RP/WP scattered throughout stand, low #s. Some overstory oak left as well. Planted JP is doing ok. Overall stand will most likely develop into mixture of oak/JP providing nice diversity. (old comment) cc and hope for natural regeneration [old comment]. Sale completed in June 2002. It appears that there will be sufficient natural oak regeneration. As of nov 2003- it was decided in light of ediscussion at compartment review to plant stand to JP and allow it to come back as a mix of JP and Oak.-SJT August 29, 002 mm (Planted to Jack Pine through FTP 485 8-2004)</p>														
18	E6	F2	26	89	9	70	56	swamp hardwoods	immature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Too wet</p>														
<p>comnts Fmd : Mixed stand, a few cedar here and there. Some very large super-canopy WP. The stand is mostly RM and PB. Majority of PB is dead or declining. Stand is currently dry (april) with no open water. This may be a good stand/opportunity to work with wildlife to try and enhance edge and vertical structure. Possibly final harvest some portions?? Stand is along southern edge of stand 38 and is located on and at base of slope down to swampy area. (no old comment)</p>														
21	J3	J3	61	5	2	0	44	jack pine	immature	N		40-49 years	0	
<p>comnts Fmd : Planted J3 stand with significant oak component. JP is 2-5' in height, growing well. Oak is of stump sprout origin, shrubby and browsed heavily in places. (old comment) (Logging activities should be held in late fall, winter, or early spring. Old Comment). After discussion at CR- decided to replant back to JP via trenching and let stand regenerate as a mixed oak jack pine stand. Timber Sale # 72-014-01-01, ORV Oak-Jack Block. Cut by Georgia-Pacific during winter 2002/2003. 05/12/2003 mm (Planted to Jack Pine through FTP 485 in 8-2004)</p>														
22	J4	O2	28	79	8	40	47	jack pine	two aged	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity</p>														
<p>comnts Fmd : Lightly stocked JP stand with thick oak understory, some pockets of light oak regeneration. JP is good quality/form. Some WP present in understory as well. Minimal mortality in JP. Looks like oak was removed, final harvest next YOE after diamter/volume increases slightly and then replant to JP or convert to oak. JP is much higher quality on this site. (no old comment)</p>														
23	W3	W1	19	16	2	0	60	white pine	low quality	N		40-49 years	0	
<p>comnts Fmd : Mixed stand of white pine and fir. Some areas fir dominates stand in terms of cover type. White pine common with occasional pole sized trees. Steep hill to swamp and high water in northern reaches of stand. (old comment) poor response to cut. Heavy browse. Water influence and steep hills. Potential old growth area.</p>														
24	J3	W3	41	16	2	0	43	jack pine	immature	N		40-49 years	0	
<p>comnts Fmd : J3 stand with significant white pine and oak throughout. Stand is desely stocked with all 3 species represented fairly well. Growing well overall. Oak is being browsed heavily in spots. (no old comment)</p>														
26	J5	O2	6	23	6	50	44	jack pine	immature	N		20-29 years	0	
<p>comnts Fmd : Mixed stand of oak and naturally regenerated JP. Oak is of very poor quality, JP is fair. Some WP mixed throughout. Understory mainly mixed oak species, browsed heavily and low quality as well. Some pockets of J# within stand. (no old comment)</p>														
27	A3	F1	24	23	3	0	58	aspen (upland)	immature	N		30-39 years	0	
<p>comnts Fmd : Aspen, birch and red maple. Averaging 20' in height. Middle of stand has a pocket of alder (L3)-Birch, aspen and mixed conifer continue to be present throughout. Patchy areas of A3/A2/F1/L3/B2/M2/M3. Western side looks to have more of a fir component overall, making small pockets somewhat of a p-type. (old comment) Aspen with scattered Balsam Fir, WP, & JP</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.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D	Tot. BA	Site Indx							
29	J4	O 1	60	22	4	10	45	jack pine	immature	N		40-49 years	0	
<p>comnts Fmd : Poor soils/poor timber. Oak regen looks good for this area, many 15'+. This stand is still mostly unmerchantable in size. There is a nice mix of moderately stocked regen. WP, WO, RO, RM, JP and RP are all present in moderate numbers. Stand should develop into a mixed pine/oak stand. Overall, stand is typed to be a J4 stand but could be called W4, even mix between these two species as far as merchantable timber goes. (no old comment)</p>														
30	R7	O 3	51	109	10	30	44	red pine	immature	Y		20-29 years	0	
<p><u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity</p> <p>comnts Fmd : Oak stand was final harvested and conifer species were leaft. R7 stand with no stocking in places. Plots picked up enough red pine to type stand as an R7 type. Some jack pine present. Oak is of stump sprout origin and very thick in places. Some heavy browse. Eastern edge of stand has higher density RP, bringing small pockets in to the R6/R9 range. (old comment) (Cut all but RP for aesthetics. Residual pine is clumpy, not scattered evenly through-out stand. Continue to manage for mixture of species. Stand to be reviewed by Cross, Fisher, Bielecki, Thiel, and Allwardt for a understory burn prior to oak removal to naturally regenerate RP. If burn is not agreeable by all then mechanically scarify. Old Comment). Timber Sale # 72-017-01-01, Fawn Road Oak. Cut by Northern Timber lands during winter 2002/2003 05/12/2003 mm</p>														
31	J3	O 2	60	17	3	0	47	jack pine	immature	N		50-59 years	0	
<p>comnts Fmd : Stand is a mixture of J3/O3 with some heavier pockets of WP. Few merchantable JP stems exist, mainly in southern portion of stand. Nice mixed stand overall, valuable for wildlife in many ways. Some scattered A2 in central portion of stand. (old comment) stand a mix of Jack pine - oak</p>														
32	E 6	Q 2	9	89	10	130	56	swamp hardwoods	mature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Too wet</p> <p>comnts Fmd : Mixed stand with large aspen, some large oak in drier areas and some large red maple, fazing to pockets of swamp conifer with spruce/fir and cedar present. Small creek flows in a northeast direction through stand emerging from a spring in a drainage at the northern edge of stand 17. This was not identified previous OI. Stand was prescribed but not cut from last YOE. Prescription was removed because of creek and other water issues. (no old comment)</p>														
34	H 6	F 1	48	81	12	90	52	hemlock	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Few very small/some seasonal creeks converge to form small stream. Backed up in a couple spots by beaver activity which has created small ponds in places. Forested portion of stand which is the majority consists of cedar, BF, large WP, abundant hemlock, aspen and some oak in transition zones. Oak are of very good quality. Really nice, unique stand with fair soils, lots of fern species and nice scenery. (no old comment)</p>														
35	J3	W 2	15	16	3	0	43	jack pine	immature	N		40-49 years	0	
<p>comnts Fmd : J3 stand with abundant white pine, oak and red maple. Stand is growing well overall, very dense in places with lots of deer use. ORV route runs through stand. Trail is used heavily. (no old comment)</p>														
36	O 6	W 2	121	109	8	80	44	oak	low quality	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Inadequate volume due to low stocking/small diameter/etc. Delayed treatment for age/size class diversity</p> <p>comnts Fmd : Moderate to poor quality oak stand, short in height. Lots of WP, JP and RP throughout stand. Moderate stocking of understory in places, low in others. Stand is quite variable overall. Next YOE, consider final harvesting with islands. Leave WP and RP as these species look are doing much better in terms of growth and sie index. May want to plant to red pine following harvest. Lots of trailing arbutus, areas of very thick blueberry. (no old comment)</p>														
37	J4	O 1	24	43	7	30	42	jack pine	immature	N		20-29 years	0	
<p>comnts Fmd : Small pockets of overstory JP with areas of J3 as well. Very mixed stand overall with oak, JP, WP and occasional RM throughout. Blueberry thick with some scattered leatherleaf as well. Some larger WP as well as the occasional RP. Looks like past treatment removed overstory with some smaller (4" DBH) JP left. This is now developing with mixed regeneration filling in. Stand is 2-aged. (no old comment)</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
38	C6	X0	73	109	8	210	46	cedar	immature	N		not scheduled	0	
comnts Fmd : Mixed stand with cedar dominant. Pretty typical cedar swamp complex. Areas of high density cedar, some areas of supercanopy white pine. Occasional areas of red maple, mostly near edges and transition zones. Some paper birch, low numbers. (no old comment)														
106	O6	W3	25	81	9	80	47	oak	two aged	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Too steep														
comnts Fmd : Very mixed stand on slope/ridge/ridgetop between swamp and WP stand (6). Some nice RP, scattered JP, poor quality oak. Thick WP understory, aspen scattered, thick pocket in central/southern area of stand. Slope is very steep in places. Stand could be types a number of ways depending on plot data as entire stand is quite mixed. Typed as an oak stand because it looked as though oak species were most prevalent aside from sampling. (new stand, no old comment)														
108	O6	W1	4	49	6	80	50	white pine	mature	N	final harvest	within 0-9 years	1	
comnts Fmd : Stand was separated and cut with adjacent compartment 65 (Alcona Jack 72-015-06-01) in 2009. Stand was in the process of being cut at time of inventory and will be completely updated at time of sale closure. (old comment) Oak very poor quality. Manage for JP. Separated out from original stand 8 in 2006 and treated 8 acres with adj sale in compt 65 as Final harvest.- convert to mix of oak and white pine and jack pine. If inadequate natural mix of regen then replant or supplement with JP.SJ Thiel, 4/12/06														
112	W8	O2	10	68	12	60	60	white pine	low quality	N		40-49 years	0	
comnts Fmd : Everything but the white pine removed. Excellent regen in the open areas. Some fir in the understory and occasional areas of excellent oak regen. Aspen in areas where canopy is lightened. In places aspen mixes with fir to create excellent cover/habitat. (no old comment)														
128	W5	O2	24	38	7	50	60	white pine	low quality	N		40-49 years	0	
comnts Fmd : W4/W6 stand with oak and aspen present in descent #'s. Some red pine present as well. Larger WP/RP present near central/narrow portion of stand. Edges of stand contain mixture of white pine and dominant A3/4. (no old comment)														

Total Acres..... 1912