

* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA	Site Indx							
1	J6	U2	298	58	9	70	40	jack pine	old growth (potential or actual)	N	final harvest	within 0-9 years	1	planting
<u>Treatment Limiting Factors:</u>														
Other Dept./Div. procedures or practices (describe in comment)														
comnts Fmd : Part of Staley Lake KW management unit, HCVA. Large jack pine mixed in with smaller 4-8" DBH jack pine. Some pockets of small, poor quality aspen are interspersed throughout which add to diversity. A few red pine are also scattered throughout the stand and are growing well, in some cases somewhat limby. Jack pine is of descent quality with some highquality stems present. Understory is characterized by u-type species with some areas of light jack pine as well as oak regen. A very small amount of white pine regen is present as well. This stand is part of KW management block #40 and is scheduled to be final harvested in 2014 and then trenched in 2016/planted in 2017. Final harvest with appropriate retention and leave strips. Retention should be irregular, taking into account visual and wind direction. Leave islands could be strategically left to help with visual while also maintaining diversity of vertical structure in the area. Some red pine pockets could be left as they are growing well and would provide added diversity within the large surrounding areas of JP. Leave standing snags where safety is not an issue. These snags will continue to provide cavity nesting cover and will hopefully develop into coarse DWD in the near future following the harvest. (old comment) TRY TO LEAVE SMALL PATCH OF R3 IN NORTH PORTION OF STAND KW MGT UNIT 5 1998: STAND AS JUST REACHED J5 STATUS WITH SCATTERED POCKETS OF RED PINE, J3 AND U1. STAND IS PART OF THE STALEY LAKE KW MGT UNIT 1 CUTTING BLOCK 5. USED OLD SITE INDEX.														
2	J6	J1	229	50	8	70	40	jack pine	old growth (potential or actual)	N	final harvest	within 0-9 years	1	planting
<u>Treatment Limiting Factors:</u>														
Other Dept./Div. procedures or practices (describe in comment)														
comnts Fmd : Part of Staley Lake KW management unit, HCVA. Many openings scattered throughout stand. If sampled intensely the density of the stand may be reduced to a J5 stand. Jack pine is dense in some areas with BA reaching the low 100's and overall is of fair quality. Poor quality oak is again scattered throughoutconcentrated in northern areas of stand however it continues to be a component in the southern areas of stand however with smaller diameters more common. Balsam fir are present in low numbers, concentrated to the southern areas of the stand stretching to stands 37 and 38, where the bulk of this species was left following the Headquarters Jack timber sale. Stand is to be final harvested as a portion of KW management block #40 in 2014 then trenched in 2016 and planted in 2017. Appropriate leave strips should be left to address visual impact from the sale while also maintaining some vertical structure within the sale area and allowing for adequate retention requirements. Leave islands/retention strips should be left along or near Headquarters rd. and North Down River rd. (old comment) KW MGT UNIT 4 1988: USED OLD SITE INDEX. STAND IS PART OF THE STALEY LAKE KW MGT UNIT 1 CUTTING BLOCK 4.														
6	J5	O1	35	41	6	40	40	jack pine	old growth (potential or actual)	N	final harvest	within 0-9 years	1	planting
<u>Treatment Limiting Factors:</u>														
Other Dept./Div. procedures or practices (describe in comment)														
comnts Fmd : Part of Staley Lake KW management unit, HCVA. Previously typed as a J3 stand and still could be typed as this in many areas, however sample revealed stand to be J5 with some areas remaining J3. Growing fairly well with oak scattered throughout. Fair amount of oak regen naturally and by stump sprouts however this regen is of very poor quality. Lots of wildlife use throughout stand. Some 2-tracks are being utilized by private landowners to access property to the south. This stand is to be final harvested as part of KW management block #40 in 2014 and then trenched in 2016/planted in 2017. Appropriate leave islands and retention strips should be left to address visual impact as well as vertical structure diversity. Focus a couple of leave islands along southern edge of stand near private border. Standing snags should be left where they do not create a safety issue, mainly along edge of stand. There will likely be a small amount of dead standing material as this stand is small diameter/young and only light mortality has occurred in places. (old comment) 1998: USED OLD SITE INDEX. PRIVATE INDIVIDUALS ARE USING TWO TRACK IN THE STAND TO ACCESS THEIR PROPERTY.														
8	J6	J1	71	37	7	100	44	jack pine	old growth (potential or actual)	N		10-19 years	0	
comnts Fmd : Part of Staley Lake KW management unit, HCVA. Variable J6 stand with aspen, oak and and some areas of cherry throughout. Understory is made up mainly of sedge species however areas of thick blueberry exist along with a few areas of light bracken fern. Adjacent to Keystone fuelbreak and surrounded by J3 plantations. Jack pine have short height and many stems contain only 1 merchantable stick per tree. Leave until next year of entry then remove jack pine and replant. Jack pine should be fine holding one more rotation. Includes previous aspen stand 7 that is variable in terms of makeup and stocking. When stand is treated, this aspen should be addressed differently or at least monitored at time of treatment. (old comment)SOUTH PART OF STAND BORDERS M-72 (1998)														

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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								
9	J3	J3	33	16	2	0	50	jack pine	old growth (potential or actual)	N		40-49 years	0	
<p>comnts Fmd : Part of Staley Lake KW management unit, HCVA. J3 stand growing well, very dense. 10' tall on average, areas where density varies and these areas are being occupied by cherry and oak bruch. Additional species are of poor quality. Stand abuts M-72 and is providing good variation within large tracts of warbler cuts in the area. (old comment) PLANT IMMEDIATELY - TRAVEL INFLUENCE 1998: CLEAR CUT IN 1992. USED OLD SITE INDEX. SOUTH END OF STAND BORDERS M-72.</p>														
10	J3	J3	55	24	3	0	45	jack pine	old growth (potential or actual)	N		40-49 years	0	
<p>comnts Fmd : Part of Staley Lake KW management unit, HCVA. J3 stand growing quite well, currently trees are approximately 12' tall on average. Balsam fir is present throughout the stand at low numbers. Some areas seem to be slightly wet, mainly on the interior of the stand. Possibly a seep heading towards the ausable. Stand is adjacent to private and has a small access 2-track entering the stand in the northeast corner. Looks to be used by hunters, birders, etc. (old comment) SEEDED 1984 - LOOKS FINE. 1998: USED OLD SITE INDEX. SOUTH END OF STAND BORDERS M-72.</p>														
11	14	G0	26	84	9	30	50	local use	old growth (potential or actual)	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity</p> <p>comnts Fmd : Part of Staley Lake KW management unit, HCVA. Stand encompasses burtons state forest campground and some inaccessible state land on the northern side of the ausable river, mainly swamp type with a slight rise when you get towards the private line to the north. (old comment) INCLUDES TWO-AGED ASPEN AND JACK PINES AND SWP ON BOTH SIDES OF RIV.PLANT RED PINE IN SOME OPENINGS FOR FUTURE STAND 1998: BURTON'S LANDING STATE CAMPGROUND. HAS POCKETS OF JACK PINE ASPEN WHITE AND HARDWOODS THROUGHOUT STAND. USED OLD SITE INDEX. STAND HAS SOME BASAL AREA.</p>														
12	R3	R3	25	16	2	0	50	red pine	old growth (potential or actual)	N		40-49 years	0	
<p>comnts Fmd : Part of Staley Lake KW management unit, HCVA. Previously typed as a J3 stand, however looks to have been planted to red pine then seeded either naturally or artificially, or a combination of both. Overall, red pine is the dominant species and is growing in plantaion form. Jack pine is dense in places and there are areas of the stand that may type as J3, however overall this should be considered a red pine stand. Some aspen pockets along with areas of M1/2 mixed throughout. Stand averages approximately 6-10' in height. (old comment) HEAVY TRAVEL INFLUENCE - PLANT RED PINE FOR ESTHETICS AND LONG ROTAT 1998: USED OLD SITE INDEX. PLANT RED PINE ALONG SOUTH END OF STAND FOR ESTHETICS.</p>														
13	J3	J3	504	6	1	0	42	jack pine	old growth (potential or actual)	N		40-49 years	0	
<p>comnts Fmd : Part of Staley Lake KW management unit, HCVA. J3 stand, large area of KW management unit. Cherry and oak sprouts common throughout stand. There is a J6 buffer along Staley Lake rd that was included in stand. This buffer is approximately 3 rows wide and is providing excellent visual management and a descent windbreak for the private ands to the east. Southern portion of stand is much younger, planted more recently. From old comments, it looks as though this area was to be seeded and the seeding failed. It was then planted in 2004. This planting really took a beating during the past summer. Lot's of mortality throughout. May need to look at and think about replanting or reseedng in the future. (old comment) KW MGT UNIT 3 1998: FINAL HARVEST AND REPLANT TO JACK PINE SEP, 11 2002: STAND WAS seeded TO JP IN JUNE 2002 FTP W72-466. Under the same FTP in 2004, the failed seeding was planted to JP.</p>														
17	J6	O1	14	52	8	100	39	jack pine	old growth (potential or actual)	N		30-39 years	0	
<p>comnts Fmd : Part of Staley Lake KW management unit, HCVA. Pure JP stand with some nice oak regen throughout. Pockets of young jack pine. Stand provides nice breakup for surrounding plantations. Lots of wildlife activity throughout. Deer tracks as well as squirrel sign are common within this stand. Scattered individual oak are present and again are of very poor quality. (old comment) RESIDUAL FROM 1985 CUT - CUTIN 10 YRS - KW MGT UNIT 1 1998: STALEY LAKE KW MGT UNIT 1 CUTTING BLOCK 1 HOLD AS LONG AS POSSIBLE UNTIL SCHEDULED TO BE CUT ACCORDING TO THE KW MGT PLAN.</p>														

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					B	Tot. BA								
18	J3	O 2	161	20	2	0	45	jack pine	old growth (potential or actual)	N		30-39 years	0	
<p>comnts Fmd : Part of Staley Lake KW management unit, HCVA. J3 stand with significant oak component throughout. Oak very thick in places especially along the edges. Blueberry, lichen and bracken fern throughout as groundcover. Jack pine is growing well, as is oak. (old comment)SHOULD BE PLANTED SPRING 1988 - KW MGT UNIT 1 1998: PART OF STALEY LAKE KW MGT UNIT1 CUTTING BLOCK 1</p>														
19	J3	O 3	32	16	2	10	45	jack pine	old growth (potential or actual)	N		40-49 years	0	
<p>comnts Fmd : Part of Staley Lake KW management unit, HCVA. J3 stand with oak beginning to become more of a significant component. Oak is of rather poor quality but very numerous providing additional wildlife habitat. Areas where oak is dominant however overall jack pine dominates the stand and outnumbers oak species. Fair amount of balsam fir throughout as some areas seem to have a higher water table. (old comment) PLANT AREAS TO JACK PINE WHERE NO REGEN EXISTS 1998: STAND CLEAR CUT IN 1992 . 10 BASAL AREA OF JACK PINE RESIDUAL SCATTERED THROUGHOUT THE STAND.</p>														
20	R 7	O 2	37	49	10	30	60	red pine	old growth (potential or actual)	N		20-29 years	0	
<p>comnts Fmd : Part of Staley Lake KW management unit, HCVA. Red pine growing fairly well with variable quality throughout stand. Density is also quite variable with pockets hitting 50-80 BA however with most of the stand area hovering in the 10-20 BA range. Some pockets of O3 exists along with a fair amount of aspen regen in some places. Spruce and fir species are present in low numbers. Terrain is rolling with some larger hills present. As far as density is concerned, the southern portion fo the stand is generally more dense with higher BA's present while the northern areas of the stand are a bit more sparse in stocking. Lot's of DWD from past harvest amd a great deal of wildlife activity. (old comment) RP SI=60. 1998: STAND IS A MIX OF SPECIES DIVERSITY. THE TOP OF RIDGE IS PRIMARILY OAK WITH THE SIDE SLOPES BEING ASPEN RED MAPLE AND PINE. USE 5 - SPOT SHELTERWOOD CUT. PRESCRIPTION CHANGED TO FINAL HARVEST. 2004 timber sale prep comments: approval was given to alter the prescription by leaving all red pine. The red pine averaged a little over 10 BA overall, with pockets hitting 40-60 BA. It's generally not economically mature, ranging in size from poles to small sawtimber, with scattered large sawtimber & super-canopy trees. Sale closure update (JC): All oak, aspen and jack pine were cut in 2006 under 720610401 (Barker Lake Road Removal) by Bob Near for ADJ.</p>														
21	J6	O 2	38	54	8	70	44	red pine	old growth (potential or actual)	N	final harvest	within 0-9 years	2	
<p>comnts Fmd : Part of Staley Lake KW management unit, HCVA. Jack pine stand with scattered red pine along with an oak component. Oak is of poor quality, red pine is nice and growing well. Jack pine is beginning to decline. Lots of oak regen throughout stand. Prescription is to final harvest stand leaving red pine and protecting oak regen (clearcut with reserves) wherever possible. Stand will likely regenerate to a red pine overstory with oak beginning to take over understory along with red pine and jack pine regeneration. Red pine was not identified in OI cruise and likely makes up less than or equal to 10 BA overall. Past OI data had red pine representing 10 BA. Some areas in the southern parts of the stand may be higher and this should provide nice visual while also adding to diversity throughout the stand. Hopefully this area will be more prone to regenerating to red pine than the areas that are currently thicker to oak. If regeneration is not sufficient following harvest, plant understory openings with red pine. (old comment) CONSIDER MANAGING FOR RED PINE WHEN JP IS CUT - SI IS 55 1998: SOUTH END OF STAND HAS A LOT OF SCATTERED RED PINE IN IT.</p>														
22	J6	J 1	32	62	8	70	54	jack pine	old growth (potential or actual)	N		10-19 years	0	
<p>comnts Fmd : Part of Staley Lake KW management unit, HCVA. Jack pine stand, leave one more YOE to harvest. Growing fairly well with descent size and quality. Some oak and red pine throughout. 1998: JACK PINE STAND CUT IN 10 YEARS</p>														

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					B	Tot. BA								
23	O6	O3	18	100	9	120	40	oak	old growth (potential or actual)	Y	shelterwood-seed	within 0-9 years	1	
<p>comnts Fmd : Part of Staley Lake KW management unit, HCVA. Stand is on a ridge running in a north/south direction. Mid to southern/western portion of stand seems to contain the highest quality timber however there are areas of variable quality throughout. Much better quality and density overall when compared to stand 25 to the north. Lots of regen throughout the stand with white and red pine present in the understory. Red maple regen becomes thicker in southern/eastern parts of the stand with some aspen scattered throughout these same areas. Heavy browse in many areas of the stand. Harvest stand by removing all species except for white oak greater than 8". Also leave all re and white pine to add diversity and also to maintain wildlife cover within the stand. The pine component exists only in the understory aside from a few scattered individuals around the perimeter of the stand. No more than 10 square ft/acre of conifer species will remain following harvest. DO NOT CUT HILLY PORTION HEAVY WOOD THEFT 1998: HEAVY WOOD THEFT OR FIREWOOD CUTTING. THIN IN 10 YEARS</p>														
25	O8	O3	19	91	11	60	40	oak	old growth (potential or actual)	Y		20-29 years	0	
<p><u>Treatment Limiting Factors:</u> Inadequate volume due to low stocking/small diameter/etc.</p> <p>comnts Fmd : Part of Staley Lake KW management unit, HCVA. Variable stand with jack pine, oak species and red pine with the occasional white pine present. Fair amount of regen throughout as many areas are relatively open. Oak is of very poor quality. More white oak exists further west in the stand and is of fair quality, although not great. Red pine is of descent quality and is scattered throughout the stand in somewhat low numbers. J1/J2 represents understory in some of the more open areas of stand. (old comment) RED PINE SHOWS GOOD GROWTH HERE. NO TREATMENT- USE AS SORT OF FUEL BREAK.</p>														
28	O8	O3	11	85	11	60	38	oak	old growth (potential or actual)	N		10-19 years	0	
<p>comnts Fmd : Part of Staley Lake KW management unit, HCVA. Low stocking throughout. Oak understory is heavy and is growing quite well however. White pine are mixed in throughout the stand providng nice aesthetics while also providing some additional wildlife cover. Leav stand until next year of entry because of it being surrounded by KW management units and recent harvests to the east. At this time think about a possible final harvest or a seed tree harvest to continue to provide cover for oak regen while also providing additional seed source. (old comment) POORLY STOCKED OAK STAND - LEAVE AS IS FOR WILDLIFE-LEAVE FOR VISUAL MANAGEMENT</p>														
29	O3	O3	34	6	1	0	38	oak	old growth (potential or actual)	N		30-39 years	0	
<p>comnts Fmd : Part of Staley Lake KW management unit, HCVA. O3 stand with areas of M3/A3 component throughout. Areas where each are dominant, however oak is the stand type after overall OI field work. Stand has poor site index as is evidenced by adjacent oak stands and past data. POSSIBLE WILDLIFE CUT? 1998: FINAL HARVEST STAND. 80 YEAR OLD STAND IN NEED OF TREATMENT FOR FUTURE OAK PRODUCTION. POOR SITE INDEX.</p>														
30	O4	O3	13	85	6	30	42	oak	old growth (potential or actual)	N		10-19 years	0	
<p>comnts Fmd : Part of Staley Lake KW management unit, HCVA. Thick oak understory. Poor quality stand with mixture of oak, aspen and jack pine, typical of this area of compartment 235. Lots of wildlife activity and fair amount of DWD. Looks to get a lot of hunting activity. (old comment) UNDERPLANT AND MANAGE FOR RED PINE. 1998: WAIT 10 YEARS AND THIN</p>														
32	J3	O2	5	7	0	0	44	jack pine	old growth (potential or actual)	N		within 0-9 years	0	planting
<p>comnts Fmd : Part of Staley Lake KW management unit, HCVA. Stand was harvested and has regen of different species throughout. Does not look as though it was planted. Regen is growing well and looks good. Lots of wildlife activity throughout stand and surrounding area. (old comment) 1998: CUT AND REPLANT TO JACK PINE Ftp filled out</p>														

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					B	Tot. BA								
33	J3	O2	3	7	0	0	45	jack pine	old growth (potential or actual)	N		within 0-9 years	0	planting
<p>comnts Fmd : Part of Staley Lake KW management unit, HCVA. Stand replanted in 2007. Stand is a pretty steep valley in corner of compartment. Lots of wildlife activity, well secluded in this area because of geography. (old comment) 1998: FINAL HARVEST AND REPLANT TO JACK PINE Ftp filled out (Stand was replanted to jack pine under FTP C72-484 in spring of 2007.)</p>														
34	J4	J3	24	55	7	30	45	jack pine	old growth (potential or actual)	N		10-19 years	0	
<p>comnts Fmd : Part of Staley Lake KW management unit, HCVA. Small stand, just off of Barker Lake road. Jack pine is of fair quality, somewhat busy and open. Oak is of poor quality. Lots of dumping has occurred in the area as there is a circle 2-track that turns around within the stand. (old comment) 1998: STAND IS BEING USED AS A GARBAGE DUMP. TWO AGED STAND OF JACK PINE AND OAK</p>														
35	J6	J1	9	55	9	120	46	jack pine	old growth (potential or actual)	N		20-29 years	0	
<p>comnts Fmd : Part of Staley Lake KW management unit, HCVA. Nice jack pine stand south of Burtons Landing. Areas of aspen and oak are present and mixed evenly throughout stand making for a nice diversity in the area. Jack pine is fairly well formed. Old stand boundaries do not match up with what is on the ground. Stand has a variable southern edge, not a straight east/west line. (old comment) 1998: STAND IS FOUND JUST SOUTH OF BURTON'S LANDING FOREST CAMPGROUND. HOLD AS LONG AS POSSIBLE</p>														
37	J4	J2	33	50	5	10	48	jack pine	old growth (potential or actual)	N		10-19 years	0	
<p>comnts Fmd : Part of Staley Lake KW management unit, HCVA. Very similar to stand 5 however is looks as though this stand was smaller in terms of diameter because stocking of 6" and less is higher in this stand as opposed to stand 5. More regen in the 1-2" class is present as well. More oak and red maple in SE corner along road, several balsam fir as well. Overall stand is doing well and seems to have worked out as a nice harvest for visual in this area while still maintaining jack pine component. (old comment) 1998: STAND IS QUITE OLD AND SHOULD BE HARVESTED SOON STAND IS IN KW MGT UNIT 2002: ALL JACK PINE OVER 6" HARVESTED 12/31/99 (28-00-01 HEADQUARTERS JACK).</p>														
38	J4	J3	4	50	5	10	44	jack pine	old growth (potential or actual)	N		10-19 years	0	
<p>comnts Fmd : Part of Staley Lake KW management unit, HCVA. This stand contains less BA than stands 5 and 37. More oak and red maple along with balsam fir, similarly to stand 37. There is also a descent amount of balsam fir stretching north in to stand 2 which ay indicate a higher water table in this area or a slight shift in soil types within this portion fo the stand. (old comment) 1998: STAND IS OLD AND NEEDS TO BE CUT BEFORE PRESCRIBED TO BE CUT WITH KW MGT PLAN. 2002 ALL JACK PINE OVER 6" HARVESTED12/31/99 (SALE 028-00-01 HEADQUARTERS JACK)</p>														
39	J6	O3	6	60	9	70	37	jack pine	old growth (potential or actual)	N		10-19 years	0	
<p>comnts Fmd : Part of Staley Lake KW management unit, HCVA. Mixed stand of jack pine and oak. White oak is of fair quality, jack pine is descent although not great. Miscellaneous oak species are very poor quality and are declining. Next YOE this stand could be final harvested while protecting oak regen and red pine of all sizes. Reevaluate at that time. (old comment) 1998: HEAVY FIREWOOD CUTTING OR WOOD THEFT HAS OCCURRED.</p>														

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					B	Tot. BA								
40	J6	J1	11	59	10	120	36	jack pine	old growth (potential or actual)	N	final harvest	within 0-9 years	1	planting
<p>comnts Fmd : Part of Staley Lake KW management unit, HCVA. This stand encompasses border along M-72, east of the break between the two buffer stand along M-72, north of stand 18. The stand in the west corner, west of the opening is now numbered stand 140. Jack pine is declining and in some cases has reached a quite large diameter. Red pine is also present in high numbers and is mainly concentrated immediately adjacent to M-72. It looks as though 4-6 rows of red pine were planted and the remainder to the south was planted to jack pine. Oak is present in low numbers, mainly from stump sprout origin. Some oak regen, understory is mainly an x-type with grasses and blue berry common. To treat this stand, mark to thin red pine by removing 1/3 of the volume and remove all jack pine and oak. The thinning will take place only in the red pine rows along m-72, the northern most reaches of the stand. Mark to leave a few remnant large jack pine for retention and for eventual down woody debris. It is not necessary to replant open areas of this stand following harvest. Visual is of major concern in this area and should be taken into account heavily while setting up stand for treatment. The stand includes the powerline ROW that runs east/west through the stand. This area provides essentially a grassy opening within the stand. (old comment) 1998: CUT AND REGENERATE AS SOON AS POSSIBLE. STAND BORDERS M-72 EAST</p>														
41	O6	O3	37	67	9	70	43	oak	old growth (potential or actual)	N		10-19 years	0	
<p>comnts Fmd : Part of Staley Lake KW management unit, HCVA. Stand runs along a ridge, dominated by oak with red pine and jack pine present. Jack pine and oak are of very poor quality. Lots of decline and mortality with many snags and DWD. Ground cover varies between bracken and sedge. Oak regen is very thick, majority is white oak with some red/pin present, heavily browsed. (old comment) 1998: STAND HAS A LOT OF RED PINE IN IT, MIGHT THINK ABOUT RED PINE MANAGEMENT IN FUTURE FOUND ON RIDGES AND SLOPES OAK S.I. IS 35</p>														
43	J6	O1	1	59	8	90	36	jack pine	old growth (potential or actual)	N		30-39 years	0	
<p>comnts Fmd : Part of Staley Lake KW management unit, HCVA. This stand was a leave island during the harvest of stand 18. Stand is growing fairly well and similarly to stands 17 and 40 provides a nice break-up to the many plantations within this area/compartment. Lots of wildlife in the area with a fair amount of cover throughout the stand. Leave stand until next YOE and then final harvest and replant. The 2-track accesses the stand directly and should provide a trucking route to remove timber. At this point in time, this harvest will not be seen from M-72 as stand 18 is beginning to develop into a pole-sized stand quite rapidly. (old comment) 1998: FOUND WITHIN KW MGT CUTTING BLOCK 1 STALEY LAKE KW MGT UNIT 1</p>														
44	O6	O2	6	88	10	70	43	oak	old growth (potential or actual)	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity</p>														
<p>comnts Fmd : Part of Staley Lake KW management unit, HCVA. Mixed stand with significant components of JP, aspen and red/black/pin oak. Majority of regen is white oak, poor quality. Bracken fern, sweetfern and blueberry throughout however sedge species dominates groundcover. 1998: FOUND ON RIDGE TOP. STALEY LAKE ROAD RUNS NORTH-SOUTH THROUGH STAND. ALSO FOUND IN THE STALEY LAKE KW MGT UNIT 1 CUTTING BLOCK 2.</p>														
45	J5	O3	7	62	8	60	54	jack pine	old growth (potential or actual)	N		10-19 years	0	
<p>comnts Fmd : Part of Staley Lake KW management unit, HCVA. Jack pine stand with oak mixed throughout. Lots of oak regen throughout stand. Jack pine and oak are both declining somewhat rapidly in recent years. Lots of DWD with numerous standing snags throughout stand. Oak is of very poor quality, jack pine of fair quality. There is a descent amount of jack pine regen in the 2-4" range. Final harvest all oak regardless of size and remove all jack pine greater than 6". Protect oak regen during harvest. Stand blends into stand 23, however use 2-track as stand boundary and treat with stand 23. (old comment) 1998: USED SAME SITE INDEX AS STAND 22 STAND IS SAME AS STAND 22 WHICH IS ONLY DIVIDED BY GRASSY OPENING ON COMPARTMENT MAP BUT IS CONNECTED IN COMPARTMENT TO THE SOUTH.</p>														

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46	L 0	L 0	3			0		lowland brush	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Part of Staley Lake KW management unit, HCVA. Small stand, inaccessible on north side of ausable river across from burtons landing. (old comment) 1998: LOWLAND ALONG THE NORTH SIDE OF AU SABLE RIVER NORTH OF CAMPGROUNDS (BURTON'S LANDING) IN ACCESSIBLE														
47	Z 0	Z 0	2			0		water	nonstocked	N		not scheduled	0	
comnts Fmd : Mainstream ausable river. (old comment) 1998: AU SABLE RIVER														
48	J 6	J 2	2	53	8	90	43	jack pine	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Part of Staley Lake KW management unit, HCVA. Vortices containing jack pine with areas of red pine as vortex passes through what was previously stand 15, an R6 stand. Stand creates nice visual affect while providing wildlife cover and a fair amount of DWD for area. Also adds to diversity and provides an additional seed source for future. (old comment) KW - CUTTING BLOCK 3 - 1998: SIMULATED FIRE VORTEX														
49	J 6	J 2	2	59	6	80	42	jack pine	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Part of Staley Lake KW management unit, HCVA. Stand creates nice visual for KW cuts, simulating a fire vortices. Jack pine is dominant with oak regen and cherry brush common throughout. Also adds to diversity and provides ample DWD and wildlife habitat within large KW cut areas. (old comment) KW MGT UNIT 3 1998: SIMULATED FIRE VORTEX.														
50	J 6	J 2	2	59	6	80	42	jack pine	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Part of Staley Lake KW management unit, HCVA. Stand creates nice visual for KW cuts, simulating a fire vortices. Jack pine is dominant with oak regen and cherry brush common throughout. Also adds to diversity and provides ample DWD and wildlife habitat within large KW cut areas. (old comment) KW MGT UNIT 3 1998: SIMULATED FIRE VORTEX.														
140	R 9	X 1	4	59	10	120	55	red pine	old growth (potential or actual)	N		10-19 years	0	
comnts Fmd : Part of Staley Lake KW management unit, HCVA. This stand encompasses a small strip of red pine that was left following KW cuts of stand 13. Red pine is the dominant species with some oak in the understory. Red pine is growing well, some decline is present near road possibly resulting from salt spray/damage. Some areas of stand are open with breaks in stand from grassy areas or areas that were lightly stocked and were planted with stand 13. There are also scattered red pine along M-72 to the east of this stand that were not included within this stand area. This decline is most prevalent in co-dominants/suppressed individuals. Maintain buffer for as long as possible. (new stand, no old comment)														
144	O 6	O 2	5	88	10	70	43	oak	old growth (potential or actual)	Y		10-19 years	0	
comnts Fmd : Part of Staley Lake KW management unit, HCVA. This is a copy of stand 44. The two stands are separated by Staley Lake road. (old comment) 1998: FOUND ON RIDGE TOP . STALEY LAKE ROAD RUNS NORTH-SOUTH THROUGH STAND. ALSO FOUND IN THE STALEY LAKE KW MGT UNIT 1 CUTTING BLOCK 2.														

Treatment Limiting Factors:

Delayed treatment for age/size class diversity

* 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
240	J6	J1	1	59	10	120	36	jack pine	old growth (potential or actual)	N		10-19 years	0	
comnts Fmd : Part of Staley Lake KW management unit, HCVA. This stand encompasses border along M-72, west of the break between the two buffer stands along M-72, north of stand 18. The stand to the east of the break is numbered stand 40. Jack pine is declining and in some cases has reached a quite large diameter. Red pine is also present in high numbers and is mainly concentrated immediately adjacent to M-72. The red pine is very crowded with many stems/acre. In many areas of this small stand, red pine is the dominant species with jack pine scattered throughout. (old comment) 1998: CUT AND REGENERATE AS SOON AS POSSIBLE. STAND BORDERS M-72 EAST														
251	A6	O2	1	40	8	70	52	aspen (upland)	old growth (potential or actual)	N		10-19 years	0	
comnts Fmd : Part of Staley Lake KW management unit, HCVA. New stand resulting in being left out of fuelbreak harvest. Small stand lying at the northern corner of section. Mainly consists of aspen in the north being most dominant with jack pine beginning to phase in the further south you go. Red pine present along with some oak of poor quality. (old comment) 1998: FINAL HARVEST 3-5 CHAIN STRIP AND LEAVE AS A FUELBREAK. HEADQUARTERS JACK 28-00-01														
424	G0	G0	1			0		grass	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Part of Staley Lake KW management unit, HCVA. Grassy opening that is beginning to become forested lightly by jack pine. Some scrub cherry species are also present along with white oak regen around the perimeter. (old comment) 1998: JACK PINE ENCROACHMENT INTO STAND. THINK ABOUT DOING MAINTENANCE TO MAINTAIN GRASSY OPENING.														
431	G0	G0	3			0		grass	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Part of Staley Lake KW management unit, HCVA. Opening in the center of jack pine stand. Previously inventoried as a Y-stand however during current inventory, it looked as though this was a grassy opening with some open sand areas along the edges. These seem to be eroding possibly from atv use within the opening. (inventory was done during the winter so immediate ground cover was not able to be seen because of snow cover) A few open grown jack pine within the opening along with scattered aspen pockets near southern edge. Some tall grasses throughout along with a fair amount of sweetfern. (old comment) RESTORE SITE - MANAGE AS GRASSY OPENING 1998: RECOMMEND LEAVE AS SAND DUNE														
451	G0	G0	15			0	0	grass	old growth (potential or actual)	N		within 0-9 years	0	opening maintenance
comnts Fmd : Part of Staley Lake KW management unit, HCVA. Fuelbreak. Cherry, jack pine and scattered oak beginning to establish in light numbers. Prescribed burn for opening maintenance would be desirable. (old comment) 1998: FINAL HARVEST 3-5 CHAIN STRIP AND LEAVE AS A FUELBREAK. HEADQUARTERS JACK 28-00-01														
452	G0	G0	5			0	0	grass	old growth (potential or actual)	N		within 0-9 years	0	opening maintenance
comnts Fmd : Part of Staley Lake KW management unit, HCVA. Copy of stand 453 separated by road. Stand 453 is to the north of road, stand 452 is to the south. (old comment) 1998: FINAL HARVEST 3-5 CHAIN STRIP AND LEAVE AS A FUELBREAK. HEADQUARTERS JACK 28-00-01														
453	G0	G0	21			0	0	grass	old growth (potential or actual)	N		within 0-9 years	0	opening maintenance
comnts Fmd : Part of Staley Lake KW management unit, HCVA. Similar to stand 452, this stand is to the north of the road. Road is the reason these two portions of fuel break were separated into different stands. (old comment) 1998: FINAL HARVEST 3-5 CHAIN STRIP AND LEAVE AS A FUELBREAK. HEADQUARTERS JACK 28-00-01														

Total Acres..... 1898