



Stand	Level 4 Cover Type	Size Density	Acres	Multi-Storied?	1st Age	Canopy Closure	BA Range	Upland / Lowland
1	4123 - Red Oak	High Density Log	27.5	No	101	75-100	81-110	Upland
General Comments: Primarily Bigtooth Aspen/Red Pine, 80 yr old. Could you cut & plant red pine, or would it get lost in the aspen? Aspen would come back heavy in most places, but mix is nice.								
Mngt Comments: VASA?								
2	4130 - Aspen	High Density Log	6.0	No	76	75-100	111-140	Upland
General Comments: A few large wolffy ro with 75 year old aspen grown in. Some sugar maple and red oak coming in. Better looking site conditions.								
Mngt Comments: just below vasa trailhead.								
3	4130 - Aspen	High Density Log	18.8	No	71	75-100	111-140	Upland
General Comments: nice aspen better site. Maple leaf vibernum and lots of hazel. Red oak mixed in is good. WP coming in.								
Mngt Comments:								
4	4131 - Aspen, Oak	High Density Log	8.0	No	91	75-100	111-140	Upland
General Comments: better site. M.I. vibernum and a little maple coming in.								
Mngt Comments:								
5	4123 - Red Oak	High Density Log	33.1	No	81	75-100	81-110	Upland
General Comments: A little hemlock, good red oak and aspen, lots of good red oak to release. Maple-leaf viburnum.								
Mngt Comments: May need to mark hardwood & spec aspen. Mark red maple? Rolling in spots. Not bad. Some areas heavy to aspen, others to red oak.								
6	6128 - Lowland Coniferous, Mixed Deciduous	High Density Log	27.4	No	101	75-100	51-80	Lowland
General Comments:								
Mngt Comments:								
7	6119 - Mixed Lowland Deciduous Forest	High Density Log	5.6	No	71	75-100	111-140	Lowland
General Comments: vasa trail goes along. Aspen in okay shape still. Lower ground.								
Mngt Comments:								
8	4130 - Aspen	High Density Log	13.8	No	71	75-100	81-110	Upland
General Comments: Sililar to surrounding stands but a little more patchy. A little more wo and pine.								
Mngt Comments:								



Level 4 Cover Type	Size Density	Acres	Multi- Stored?	1st Age	Canopy Closure	BA Range	Upland / Lowland
6120 - Lowland Cedar	High Density Pole	2.4	No	71	75-100	51-80	Lowland
General Comments: SMALL CEDAR SWAMP							
Mngt Comments: CTR QUALITY OAK.							
4131 - Aspen, Oak	High Density Log	4.4	No	61	75-100	51-80	Upland
General Comments: SMALL STAND BETWEEN PINE AND CEDAR. LEAVE AS TRAVEL CORRIDOR.							
Mngt Comments: CTR QUALITY OAK.							
4199 - Other Mixed Upland Deciduous	High Density Log	7.5	No	81	75-100	81-110	Upland
General Comments: sMALL LOGS AND LOWERE STOCKING- LOOK AT NEXT TIME							
Mngt Comments:							
4130 - Aspen	High Density Pole	21.9	No	86	75-100	51-80	Upland
General Comments: 40 YEAR OLD ASPEN CUT. LOOKS FINE.							
Mngt Comments:							
4124 - Red with White Oak	High Density Pole	24.8	No	41	75-100	111-140	Upland
General Comments: This could be a good stand to manage for red oak. Stocking is a bit high and this stand may benefit from ctr. Oak quality is medium to good - better on north facing aspect. Treat with part of stand to east.							
Mngt Comments:							
42110 - Planted Red Pine	High Density Pole	19.7	No	51	75-100	141-170	Upland
General Comments: This stand has been third row thinned and third tree thinned. BA is up again so recommend marking it							
Mngt Comments: just below vasa trailhead.							
4131 - Aspen, Oak	High Density Log	9.9	No	81	75-100	111-140	Upland
General Comments: East side looks like stand 19. Old oak and pine with 70-80 year class grown in. Big tall aspen on side slope.							
Mngt Comments:							
4133 - Aspen, Mixed Pine	High Density Log	9.2	No	110	75-100	141-170	Upland
General Comments: NICE ASPEN AMOUNG OLD SAVANNAH LOOKING PINE/OAK. SOME YOUNGER AGE CLASS RED PINE (60) STILL GROWING BUT MUCH OF THIS PINE 40-60 YR IS STUNTED.							
Mngt Comments: May need to mark hardwood & spec aspen. Mark red maple? Rolling in spots. Not bad. Some areas heavy to aspen, others to red oak.							



Stand	Level 4 Cover Type	Size Density	Acres	Multi-Storied?	1st Age	Canopy Closure	BA Range	Upland / Lowland
19	4129 - Mixed Oak	High Density Log	37.2	No	101	75-100	81-110	Upland
General Comments: hEAVY WHITE PINE REGEN IN SPOTS. oLD PINE GROUND. CURRENT OAK STAND IS MEDIUM QUALITY BUT STOCKING IS NOT TOO HIGH. LOOK AT NEXT TIME FOR POSSIBLE CROP TREE RELEASE.								
Mngt Comments:								
20	4191 - Mixed Upland Deciduous with Conifer	High Density Log	28.6	No	111	75-100	81-110	Upland
General Comments: LOOKS LIKE OLD SAVANNAH ON SIDEHILL. IT IS PRETTY COMPLEX AND UNIQUE IN THIS COMPARTMENT. oLER OAK AND PINE WITH 80 YEAR OLD CLASS GROWN IN.								
Mngt Comments: JUST LET THIS GROW IN FOR NOW, BUT COULD MAKE IT AN AOI TO PICK UP SOME OF THE ASPEN ON THE EDGES ID ADJACENT STANDS ARE TO BE TREATED.								
21	42110 - Planted Red Pine	High Density Pole	9.1	No	27	75-100	1-50	Upland
General Comments: 25 yr old rp plantation. looks fine at this time.								
Mngt Comments: just below vasa trailhead.								
22	4131 - Aspen, Oak	High Density Log	59.7	No	81	75-100	111-140	Upland
General Comments: SUPPRESSED RP 6-8" IS 60-70 YR OLD? REALLY NICE ASPEN WITH RO MIXED IN PLACES. ROLLING BUT WORKABLE HEADWATERS OF ACME CREEK								
Mngt Comments:								
23	4123 - Red Oak	High Density Pole	17.6	No	86	75-100	81-110	Upland
General Comments: rolling ground but not bad to work. Some areas heavy to ro while others to aspen. A litle hemlock and m.l. vibernum. Good ro and aspen. Plent of ro crop trees to release.								
Mngt Comments: just below vasa trailhead.								
24	4123 - Red Oak	High Density Pole	5.5	No	86	75-100	81-110	Upland
General Comments: QUALITY RED OAK THAT COULD BENEFIT FROM RELEASE. TREAT WITH STAND TO WEST								
Mngt Comments: CTR QUALITY OAK.								
25	4310 - Pine, Oak Mix	High Density Log	17.8	No	81	75-100	81-110	Upland
General Comments: good pine site-currenttly mixed species. Oak is average and site is going back to pine. Good bit of rp regen in various ages.								
Mngt Comments: Could release by cuting aspen and marking oak. Shortwood job would be most successful. Consider opening up to replant or burn to get natural seeding or disc. Take out bigger pine if this is done or it will be trapped.								
26	4191 - Mixed Upland Deciduous with Conifer	High Density Log	25.6	No	81	75-100	111-140	Upland
General Comments: A little less aspen component in this stand but just as old as surrounding stands. This stand could wait for another round or get worked with surrounding stands.								
Mngt Comments:								



	Level 4 Cover Type	Size Density	Acres	Multi- Stored?	1st Age	Canopy Closure	BA Range	Upland / Lowland
27	4191 - Mixed Upland Deciduous with Conifer	High Density Log	9.5	No	101	75-100	171-200	Upland
General Comments:	could get some aspen if treating adjacent stand. This would release oak and pine. red pine looks like it should go. Looks stagnant. oak is average to low quality-not real interesting. Stand is going to pine.							
Mngt Comments:								
28	4199 - Other Mixed Upland Deciduous	High Density Log	5.2	No	100	75-100	81-110	Upland
General Comments:	some large aspen.. Someone cut some large oak in trespass. There appears to be problems wit the line down the hill. Little pockets of planted spruce and rp in bottom.							
Mngt Comments:	a little beech, sm, hemlock, Nice ro on better site.							
30	4191 - Mixed Upland Deciduous with Conifer	High Density Log	19.7	No	91	75-100	81-110	Upland
General Comments:	could mark and spec to release rp. Aspen should get out. Good bitof rp in various ages, or at least size classes+ oak and aspen.							
Mngt Comments:	consider release rp and harvest aspen							
31	42260 - Natural Pine, Mixed Deciduous	High Density Log	11.9	No	71	75-100	81-110	Upland
General Comments:	looks like a pec cut in 70's on aspen/rm/jp. Oak and other pine left so now there is various ages of pine with some oak and aspen growing in. It worked alright but it would have been better with less pine because aspen growth was reduced and now pine is trapped,							
Mngt Comments:								
32	42290 - Natural Mixed Pine	High Density Log	8.1	No	71	75-100	81-110	Upland
General Comments:	MIXED AGE NATURAL PINE-HEAVY TO WHITE PINE.							
Mngt Comments:								
33	4199 - Other Mixed Upland Deciduous	High Density Log	5.6	No	100	75-100	111-140	Upland
General Comments:	Some younger aspen but most of stand is large nice red oakSome large aspen. SM looks alright but not great. A good red oak site. Could take out some big and CTR other trees.							
Mngt Comments:	A little sm, beech, hemlock, Nice RO on better site.							
34	4133 - Aspen, Mixed Pine	High Density Log	14.2	No	81	75-100	81-110	Upland
General Comments:	Primarily Bigtooth Aspen/Red Pine, 80 yr old. Could you cut & plant red pine, or would it get lost in the aspen? Aspen would come back heavy in most places, but mix is nice.							
Mngt Comments:	VASA?							
35	4191 - Mixed Upland Deciduous with Conifer	High Density Log	17.0	No	91	75-100	111-140	Upland
General Comments:	some older oak/pine but main age is 70-80. Good looking stems. Need some release if possible. Some areas south and west are mainly ba and pine.							
Mngt Comments:	Consider taking aspen out and release oak in areas heavy to oak pine.							



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36	4131 - Aspen, Oak	High Density Pole	23.8	No	71	75-100	81-110	Upland
General Comments:	Similar to stand to west but more oak in residual. More oak sprouts in second age as well. 35 year old class in canopy with older oak and pine.							
Mngt Comments:								
37	4191 - Mixed Upland Deciduous with Conifer	High Density Log	67.7	No	101	75-100	81-110	Upland
General Comments:	mixed age stand of aspen, pine and oak. . some younger rp growing through 20-30yr. Oak quality fair/poor. Not many crop trees.							
Mngt Comments:	Could green mark and keep all small red pine-move stand towards aspen/pine. Some oak sprouts would mix in. Not a real interesting stand. Perhaps it would straighten out a bit by next entry period.							
39	4199 - Other Mixed Upland Deciduous	High Density Log	44.8	No	91	75-100	171-200	Upland
General Comments:	Aspen was patch cut about 25-30 years age. Some was left and some cut so two ages of aspen. Nice clump of hemloce in middle of stand with good regen around. Some larger geeod quality red oak and some quality red maple. Oak seems to have responded where aspen was removed. A little sugar maple and birch. White pine swtill growing-red pine decent quality but stagnant.							
Mngt Comments:	Let aspen grow in another cycle.							
40	4191 - Mixed Upland Deciduous with Conifer	High Density Log	20.3	No	91	75-100	111-140	Upland
General Comments:	could be marked for ctr. descent quality oak but going to white pine. Would come on hard if stand was opened up much. Old burnt pine ground. Getting aspen out would make sense, but don't leave junk or anything that can't stay for 40 years.							
Mngt Comments:	Consider taking aspen and ctr on other species favoring quality red oak. Watch out fro wp comming in hard if opened to much and aspen regen.							
41	4131 - Aspen, Oak	High Density Pole	18.6	No	36	75-100	81-110	Upland
General Comments:	Similar to stands 33 and 38 but less retention and more aspen in first age. Slightly larger diameter than the other stands.							
Mngt Comments:								
42	4191 - Mixed Upland Deciduous with Conifer	High Density Log	22.5	No	81	75-100	141-170	Upland
General Comments:	Areas haevy in aspen while other places more towards pine/oak. Descent red maple and ro is good-fair.							
Mngt Comments:	Aspen should come out-consider marking areas without heavy asen.							
43	4123 - Red Oak	High Density Log	16.9	No	111	75-100	171-200	Upland
General Comments:	Looks like aspen was cut out leaving ro. Now heavy maple, ironwood, and some aspen regen. Oak wilt in ro which is nice quality and size.							
Mngt Comments:	Oak wilt. Better site going to n hardwoods.							
44	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	34.5	No	80	75-100	81-110	Upland
General Comments:	At least three age classes 120, 80, 37. Large old pine and oak@120yr + and 70-80 year age class that was cut resulting in 37 year old oak and maple sprouts as well as rp and wp. Dense regen in places.							
Mngt Comments:	Recommend letting this stand sort itself out. Spots with thick regen -maple, aspen, pine. Patches heavy with mature pine and/or oak.							



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45	4311 - Pine, Aspen Mix	High Density Log	22.0	No	86	75-100	81-110 Upland
General Comments: mixed age pine/oak/aspen. Aspen going out. Pine could be marked or kept for next time.							
Mngt Comments:							
46	4133 - Aspen, Mixed Pine	High Density Sapling	52.3	No	16	75-100	Upland
General Comments: 15 year old aspen cc. left some pine and oak.							
Mngt Comments:							
47	4133 - Aspen, Mixed Pine	High Density Log	9.2	No	76	75-100	200+ Upland
General Comments: Large aspen with smaller rp growing in, The red pin elooks suppressed.							
Mngt Comments: consider marking some seed and mast trees and final harvest.							
48	42211 - Natural Red Pine, Mixed Deciduous	High Density Log	6.2	No	76	75-100	200+ Upland
General Comments: Large red pine - aspen and oak in patches. Red maple seedlings, better looking red oak and aspen.							
Mngt Comments: Vasa trail. Nice red pine going to maple. Not much competition yet.							
49	4130 - Aspen	High Density Sapling	6.4	No	16	75-100	Upland
General Comments: young aspen stand after harvest							
Mngt Comments:							
51	4199 - Other Mixed Upland Deciduous	High Density Log	33.1	No	81	75-100	200+ Upland
General Comments: A little ash, beech and ironwood and hemlock. . Better site quality. Some larger good quality red oak. Aspen was cut 25-30 years ago? Lots of birch in spots which is falling out of stand.							
Mngt Comments: Could crop tree release and have openings where birch is thicker. CTR oak and good rm and others. Cut birch and aspen and leave most pine and some beech.							
52	4130 - Aspen	High Density Pole	76.9	No	36	75-100	51-80 Upland
General Comments: Red pine super canopy with aspen grown in.							
Mngt Comments:							
53	4191 - Mixed Upland Deciduous with Conifer	High Density Log	18.3	No	71	75-100	171-200 Upland
General Comments: would make nice aspen harvest but pine would need to be protected. older pine with mixed ages of aspen . Some younger oak iand pine in aspen. Removing aspen would release pine and oak							
Mngt Comments:							



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54	4130 - Aspen	High Density Pole	25.6	No	41	75-100	200+	Upland
General Comments:	two aged stand . a good bit or red oak growing in with aspen. old red pine and a few oak left from old stand. Let develop and look at nest time.							
Mngt Comments:	Could be marked and thinned for crop tree release and aspen harvested if something nearby is getting treated.							
55	4131 - Aspen, Oak	High Density Log	59.7	No	96	75-100	81-110	Upland
General Comments:	Better site. Some sugar maple, ash, beech, basswood. Red oak and aspen on hardwood site.							
Mngt Comments:	Look at clear cutting or clearcut aspen and red maple and ctr oak.							
56	4131 - Aspen, Oak	High Density Pole	10.0	No	61	75-100	111-140	Upland
General Comments:	17 year old aspen regen from harvest							
Mngt Comments:								
57	4133 - Aspen, Mixed Pine	High Density Sapling	62.5	No	18	75-100		Upland
General Comments:	Young clearcut. Good bit of red pine in canopy and white pine coming in in understory as well.							
Mngt Comments:	SGG 11/26/07-nominated as AOI per previous conversation with R. Ruppen. Propose to manage areas within stand that did not regenerate as grassy opening.							
58	4130 - Aspen	High Density Sapling	96.9	No	31	75-100		Upland
General Comments:	NICE ASPEN REGEN FROM HARVEST							
Mngt Comments:	May need to mark hardwood & spec aspen. Mark red maple? Rolling in spots. Not bad. Some areas heavy to aspen, others to red oak.							
59	4191 - Mixed Upland Deciduous with Conifer	High Density Log	31.3	No	81	75-100	81-110	Upland
General Comments:	older supercanopy with 80 yr class grown in. red pine looks good. strip between cut on private and cut on state. protect your rp and wp.							
Mngt Comments:	consider cutting back to seed and mast trees and let it grow in again. Work with stands 67 ,62, 73. Slopes may limit some areas. Leave higher ba in areas with good ro.							
60	4123 - Red Oak	High Density Log	6.3	No	86	75-100		Upland
General Comments:	This should be thinned. Nice R Oak							
Mngt Comments:	CTR QUALITY OAK.							
62	4126 - White, Black, N. Pin Oak	High Density Pole	5.1	No	81	75-100	51-80	Upland
General Comments:	Drain left out of last harvest. Most is poor quality oak.							
Mngt Comments:	Consider final harvest with seed tree of pine and retain some oak if found.							



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63	4126 - White, Black, N. Pin Oak	Medium Density Pole	47.3	No	81	50-75	1-50	Upland
General Comments:	cut in 2000. cut aspen, rm, jp. left oak although much of it is poor quality. good regen on the rm/aspen. Old burnt pine ground.							
Mngt Comments:	May need to mark hardwood & spec aspen. Mark red maple? Rolling in spots. Not bad. Some areas heavy to aspen, others to red oak.							
66	4191 - Mixed Upland Deciduous with Conifer	High Density Log	12.2	No	101	75-100		Upland
General Comments:	Better RO on north slopes but a fair bit of s. slope in stand. Some hemlock regen. Nice mix and quality on north slopes. More rp regen on s. slopes. Probally cant access as it lies on both slopes off powerline.							
Mngt Comments:	vasa, hilly and poor access.							
67	4199 - Other Mixed Upland Deciduous	High Density Log	24.5	No	86	75-100	200+	Upland
General Comments:								
Mngt Comments:								
68	4191 - Mixed Upland Deciduous with Conifer	High Density Log	20.4	No	56	75-100	111-140	Upland
General Comments:	Most trees have room to grow but could mark oak and pine and spec cut aspen and red maple. Could work with stand 70.							
Mngt Comments:								
69	42290 - Natural Mixed Pine	High Density Log	4.3	No	81	75-100	51-80	Upland
General Comments:	jack pine has mostly fallen out of stand. Bit poorly formed white pine is the dominant tree. Second age of pine, red maple etc.							
Mngt Comments:	Right alone road in subdivision.							
70	4191 - Mixed Upland Deciduous with Conifer	High Density Log	13.7	No	89	75-100	81-110	Upland
General Comments:	different ages of rp. Aspen could come out and some marked oak. Move towards oak/pine. White Pine coming in.							
Mngt Comments:								
71	4130 - Aspen	High Density Log	21.4	No	86	75-100	141-170	Upland
General Comments:	Serious aspen that is ready to go. Red pine seeding in where seed trees present.							
Mngt Comments:	consider final harvest. Leave some good oak and pine for retention. Consider leaving aspen retentionstrip between stands 63 and 69							
72	42260 - Natural Pine, Mixed Deciduous	High Density Log	7.7	No	81	75-100	111-140	Upland
General Comments:	mostly w pine in this stand with a little aspen							
Mngt Comments:	consider managing for big pine with stand 75 to west							



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73	4311 - Pine, Aspen Mix	High Density Log	15.2	No	81	75-100	111-140	Upland
General Comments:	Side slope with more pine than aspen. Mostly white pine with some big red. Might want to get aspen out and grow big pine here. It is well on it's way.							
Mngt Comments:								
74	4129 - Mixed Oak	High Density Pole	150.8	No	101	75-100	200+	Upland
General Comments:	rolling ground with some steep areas. lower site quality but not terrible. Areas with poorly formed off site oak going to wp.							
Mngt Comments:	Could green mark and regenerate aspen/release pine. Convert away from oak which seems off site. Leave corridor for VASA							
75	4129 - Mixed Oak	High Density Pole	16.1	No	111	75-100	200+	Upland
General Comments:	Thick wp regen. Similat to stand 76 but with heavier regen.							
Mngt Comments:								
76	4131 - Aspen, Oak	High Density Log	7.6	No	81	75-100	200+	Upland
General Comments:	Going to wp. Aspen going out. Hilly. Some is too steep to work on. Keep as AOI so that if part of stand to east is harvested then this aspen could be picked up.							
Mngt Comments:								
77	4131 - Aspen, Oak	High Density Log	20.2	No	81	75-100	81-110	Upland
General Comments:	nice aspen and ready to go. Leave some oak and pine for mast and seed.							
Mngt Comments:	Consider green marking and final harvest							
78	4310 - Pine, Oak Mix	High Density Log	24.4	No	101	75-100	171-200	Upland
General Comments:	Goint to wp. Aspen is going out. Hilly, some is too steep to treat. Keep as AOI so that some of the aspen/old rp could be harvested if stand to east is treated							
Mngt Comments:								
80	42260 - Natural Pine, Mixed Deciduous	High Density Log	19.5	No	101	75-100	81-110	Upland
General Comments:	Mixed age pine and oak. Has seed tree look in places. Nice rp but steep in spots. look at next time							
Mngt Comments:	Steep in spots.							
81	4133 - Aspen, Mixed Pine	High Density Log	10.3	No	81	75-100	111-140	Upland
General Comments:	Better RO for residual. Side hill but not too steep.							
Mngt Comments:								



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82	4133 - Aspen, Mixed Pine	High Density Log	13.6	No	81	75-100	111-140	Upland
General Comments:	Nice aspen that is going out. Old pine ground. Small seasonal pond in south end.							
Mngt Comments:	consider cutting aspen and leaving wp. Some white pine may need to go to regenerate aspen. Much of the white pine has shown good growth with 14-16"dbh at this time. A little rp in stand							
83	4129 - Mixed Oak	High Density Log	12.3	No	101	75-100	111-140	Upland
General Comments:	mid quality oak mixed with rp and aspen.							
Mngt Comments:	consider cutting aspen and marking oak and pine for ctr or leave for next time.							
84	4124 - Red with White Oak	High Density Log	16.1	No	101	75-100	111-140	Upland
General Comments:	mix of 65/100 year old rp and 80 year old aspen. It's hill and some is a bowl with a small pond in the middle. Could cut back to seed tree and replant, or try for natural regen with scarification or butn. Powerline could be a problem for burn. With slopes maybe enough soil disturbance to get seedbed.							
Mngt Comments:								
85	4124 - Red with White Oak	High Density Log	18.2	No	86	75-100		Upland
General Comments:	Oak /pine stand with aspen dominated stands surrounding it. Keep this for diversity. Oak is low to mid quality with heavy white pine understory. If it as opened up, white pine would come in. Keep for now and regenerate surrounding aspen.							
Mngt Comments:								
86	4311 - Pine, Aspen Mix	High Density Log	15.6	No	66	75-100	111-140	Upland
General Comments:	Some of the red pine is very nice at 60-65 years and 14-16"dbh. Aspen is good sized and looks older but seems also to be 65 year old. Some along slope is smaller diameter but generally log sized.							
Mngt Comments:	Aspen, rm, jp could come out of this stand and make a good sale. Could go with stand 84. If much of the rp and wp is retained, it would still have a good look with the trails involved. This stand could wait another cycle if it would make sense for age distribution.							
87	42210 - Natural Red Pine	High Density Log	7.3	No	71	75-100	111-140	Upland
General Comments:	Bowl with red pine and a little aspen and white pine. Maybe it was planted? Older age is 100 and it has been stagnant the last 40 years. It has been through fire. Could harvest but could also keep as relic old pine stand.							
Mngt Comments:	Slope protection.							
88	4131 - Aspen, Oak	High Density Log	35.8	No	101	75-100	111-140	Upland
General Comments:	Aspen should come out. Most of stand is sidehill but not steep. Keep some oak and pine. Protect some younger oak and red pine. Keep some mmature oak and pine.							
Mngt Comments:	Green mark oak, pine and rm. Create cwd in aspen thickets. Work with surrounding stands.							
89	4133 - Aspen, Mixed Pine	High Density Log	8.2	No	81	75-100	111-140	Upland
General Comments:	Nice mix of aspen and pine							
Mngt Comments:	Consider final harvest with seed tree of pine and retain some oak if found.							



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90	4131 - Aspen, Oak	High Density Log	19.7	No	81	75-100		Upland
General Comments:		this old aspen needs cut.						
Mngt Comments:		strongly recommend final harvest aspen and rm and green mark residual.						
91	4130 - Aspen	High Density Log	5.9	No	81	75-100	111-140	Upland
General Comments:								
Mngt Comments:		consider cutting aspen and red maple. green mark pine and oak to retain.						
92	4130 - Aspen	High Density Sapling	32.7	No	18	75-100		Upland
General Comments:		Young aspen regen with scattered mature rp left in cut.						
Mngt Comments:		Steep in spots.						
94	4310 - Pine, Oak Mix	High Density Log	20.0	No	81	75-100	200+	Upland
General Comments:		lots of nice red pine poles. Cut back to seed tree and plant or scarify, burn? Do something to get nice mix back. Good red pine site. Some oak, aspen, red maple, wp.						
Mngt Comments:		Solid red pine out by powerline. 80 year old and stagnant.						
96	4131 - Aspen, Oak	High Density Log	15.4	No	101	75-100	111-140	Upland
General Comments:		Pine is coming in good in understory. Oak is low quality but a bit better around the aspen.						
Mngt Comments:		Consider cutting back to some pine and oak for seed and mast production and cutting aspen to regenerate. Should make a nice cut.						
97	4126 - White, Black, N. Pin Oak	High Density Pole	14.9	No	71	75-100	111-140	Upland
General Comments:		Red oak from stump sprouts. Not bad looking stems. May be worthwhile to CTR oak-cut aspen and rm. Keep ba up to 80-90 to keep epicormic branching down.						
Mngt Comments:								
98	4130 - Aspen	High Density Pole	16.9	No	18	75-100		Upland
General Comments:		young aspen clearcut.						
Mngt Comments:								
99	42260 - Natural Pine, Mixed Deciduous	High Density Log	25.5	No	66	75-100	111-140	Upland
General Comments:		mix of 65/100 year old rp and 80 year old aspen. It's hill and some is a bowl with a small pond in the middle. Could cut back to seed tree and replant, or try for natural regen with scarification or butn. Powerline could be a problem for burn. With slopes maybe enough soil disturbance to get seedbed.						
Mngt Comments:								



Stand	Level 4 Cover Type	Size Density	Acres	Multi-Storied?	1st Age	Canopy Closure	BA Range	Upland / Lowland
101	4124 - Red with White Oak	High Density Log	29.9	No	91	75-100	81-110	Upland
General Comments:	could spec aspen and red maple and ctr oak.							
Mngt Comments:								
103	4191 - Mixed Upland Deciduous with Conifer	High Density Log	31.3	No	101	75-100	51-80	Upland
General Comments:	pine.aspen.oak,rm on slopes and drain.							
Mngt Comments:	We could pupp aspen out and let pine regeerate. Could treat parts with stand 115 and leave some parts that are too steep.							
104	4124 - Red with White Oak	High Density Log	13.2	No	71	75-100	81-110	Upland
General Comments:	Oak looks pretty good. Has a look of being thinned in past. Nice red oak. Big white pine is seeding in. Younger red oak seems to be 70 yr but some is older. Seems like rm and aspen were cut out 30-40 years ago. Stump sprouts. Some nice single stem red maple.							
Mngt Comments:	Manage for red oak and red maple? Release good red oak stems? Stocking is not real heavy. Get white pine out and manage oak? Stand that wraps this one is going heavy to wp.							
105	4124 - Red with White Oak	High Density Log	23.2	No	101	75-100		Upland
General Comments:	small log/pole oak. stagnant. Could be released but not interesting. mid quality.							
Mngt Comments:	vasa, hilly and poor access.							
106	4124 - Red with White Oak	High Density Log	5.9	No	101	75-100	51-80	Upland
General Comments:	Has been cut recently. Looks like wp was cut out to release oak. Better looking red oak. Not much needed now.							
Mngt Comments:								
107	4126 - White, Black, N. Pin Oak	High Density Log	17.2	No	96	75-100	81-110	Upland
General Comments:	oak pol/small log size with heavy white pine understory 10-20'. Oak not very good --old pine ground. Pick out some decent oak to keep in the 10-14 dbh size and get rid of the rest to release wp while it is possible.							
Mngt Comments:								
108	4122 - Oak, Pine	Medium Density Log	61.7	No	101	50-75	1-50	Upland
General Comments:	Recent harvest cut all aspen. jp, rm. Left oak and rp,wp. Good jp and wp regen in bigger openings. Some good aspen clones and some oak regen working through but it is getting browsed heavily.							
Mngt Comments:	CTR QUALITY OAK.							
109	4199 - Other Mixed Upland Deciduous	High Density Log	78.6	No	101	75-100	81-110	Upland
General Comments:	Stand to east is orange marked. Some nice ro and rm in places. Some areas of lower quality and stocking. This stand is quite variable. A person would really have to mark in the spot.							
Mngt Comments:	BMP issue on west end of stand. Roads up the hill. Could cut all aspen, rm and wp and marked oak. Regenerate aspen and expand clones. Keep oak stocking up where quality exists to keep white pine regen down.							



Stand	Level 4 Cover Type	Size Density	Acres	Multi-Storied?	1st Age	Canopy Closure	BA Range	Upland / Lowland
110	4130 - Aspen	High Density Sapling	34.4	No	18	75-100		Upland
General Comments: 17 year old aspen regen from harvest								
Mngt Comments:								
111	4126 - White, Black, N. Pin Oak	High Density Log	19.3	No	101	75-100	51-80	Upland
General Comments: poor quality open grown oak and aspen in shallow bowl and part on ridge. Aspen going out.								
Mngt Comments:								
112	4126 - White, Black, N. Pin Oak	High Density Pole	21.0	No	81	75-100	81-110	Upland
General Comments: pole-small log sized oak. Lower quality red/pin oak but white oak looks pretty good. Look at next time for release.								
Mngt Comments:								
113	4191 - Mixed Upland Deciduous with Conifer	High Density Log	83.7	No	101	75-100	51-80	Upland
General Comments: 75-80 year old oak sprouts. Areas with heavy white pine regen.								
Mngt Comments: Open up and plant red pine in holes to supplement natural white pine regen?. Return to pine type?								
114	4124 - Red with White Oak	High Density Pole	22.6	No	101	75-100	111-140	Upland
General Comments:								
Mngt Comments:								
115	42260 - Natural Pine, Mixed Deciduous	High Density Log	45.9	No	71	75-100	81-110	Upland
General Comments: 70 year old pine class plus oler pine and oak. Wp comming in under. Thick in spots. Red pine going stagnant at 60 years. Some aspen pockets in center.								
Mngt Comments: Red pine looks good. Good place for pine weave? Cut back to seed trees and supplement natural regen with planted rp.								
118	4310 - Pine, Oak Mix	High Density Log	59.5	No	111	75-100	81-110	Upland
General Comments: Interesting amount of rp regen @ 20-30 yr old. better looking red pine. Found corners-two in on place. WP regen heavy in places								
Mngt Comments: Consider cutting some oak and pine overstory to release younger pine age class nad start some new regen.								
119	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	13.4	No	51	75-100	51-80	Upland
General Comments: could regenerate aspen or hold for later.								
Mngt Comments: CTR QUALITY OAK.								



Stand	Level 4 Cover Type	Size Density	Acres	Multi-Storied?	1st Age	Canopy Closure	BA Range	Upland / Lowland
120	4122 - Oak, Pine	Medium Density Log	20.5	No	111	50-75	1-50	Upland
General Comments:	Second age is variable 10-30 yr? Was previously cut with stand 140 but this stand has more residual pine in the overstory and understory. Jp, aspen and rm cut out.							
Mngt Comments:								
121	4191 - Mixed Upland Deciduous with Conifer	High Density Log	41.8	No	101	75-100	111-140	Upland
General Comments:	Younger age classes of rp 15-30 yr. Suppressed older pine and oak. Lots of wp regen but still workable. Old grade with bike path? in stand. Lots of volume of mature pine, oak, aspen.							
Mngt Comments:	Needs opened up to let pine go and to harvest mature trees before they get trapped by wp regen. Maybe take out most oak and mature pine? Maybe put some rp in after harvest to go with new mix. Will end up with multiaged pine mixed with oak and aspen.							
123	42250 - Pine, Oak	High Density Log	31.0	No	91	75-100	81-110	Upland
General Comments:	Some jp, aspen and rm cut out of this stand recently but very patchy. Looks like strips were cut in places. Single track goes through stand and there's a bench. Pine and oak residual is going heavy to white pine understory in places. Some nice rp and wp left behind. Adjacent stands are filling in very fast with jack pine and wp.							
Mngt Comments:	Consider cutting back to seed trees and leaving some oak for mast production. Plant rp to supplement pine regen and get this back in stand. Watch out for vst and slopes.							
124	42290 - Natural Mixed Pine	Medium Density	30.4	No	111	50-75	1-50	Upland
General Comments:	cut in 1990. Filling in pretty well. wp, jp, a little rp, oak, aspen. Bowl wit moderate slope. Not heavy regen but decent.							
Mngt Comments:								
126	42290 - Natural Mixed Pine	Medium Density Log	41.5	No	101	50-75	1-50	Upland
General Comments:	Has been cut with pine and oak residual. Nice regen. some rp but most is wp. Lots of nice pine is trapped by regeneration.							
Mngt Comments:								
127	42260 - Natural Pine, Mixed Deciduous	Low Density Log	31.2	No	71	25-50	1-50	Upland
General Comments:	cut in 2001. Not much regen. Still has some seed trees so might still develop but consider planting rp or jp in openings.							
Mngt Comments:								
128	4191 - Mixed Upland Deciduous with Conifer	High Density Log	34.2	No	101	75-100	171-200	Upland
General Comments:	Look at again in stage 2. Could open up to seed and pine weave or cultivate to promote regen-or could just mark throughout. Places have good mix of all ages. Keep some large oak for mast trees. Work around pockets of young oak and pine. Mark out for retention?							
Mngt Comments:	Some good looking red maple and better red oak. Nice log sized red pine and pockets of rp regen. Looks like aspen regen is younger like someone was chasing it around in here. Good log volume of all species. Large oak, white pine and red pine in canopy.							
129	4131 - Aspen, Oak	High Density Log	12.2	No	61	75-100	111-140	Upland
General Comments:	Aspen should come out. Some nice ro and wo mixed in with aspen. Would look pretty good if aspen chipped.							
Mngt Comments:	nicer ro							



	Level 4 Cover Type	Size Density	Acres	Multi- Stored?	1st Age	Canopy Closure	BA Range	Upland / Lowland
130	4124 - Red with White Oak	High Density Log	40.9	No	91	75-100	200+	Upland
General Comments:	Some nice ro logs. Going to wp, rm. Could crop tree release and cut some bigger red oak, or leave it for now. Broken increment borer.							
Mngt Comments:	Could mark an oak sale or leave until markets improve. .							
131	4133 - Aspen, Mixed Pine	High Density Log	27.3	No	71	75-100	81-110	Upland
General Comments:	Cut for aspen regen? Nice block adjacent to areas heavier to oak and pine. Might make sence to grteen mark this to retain some oak and pine and expand aspen. Consider visual affects. Could get nice looking new stand with retention and regen if marked correctly.							
Mngt Comments:	oak and pine and to expand aspen.							
132	42250 - Pine, Oak	Low Density Log	16.8	No	106	25-50	1-50	Upland
General Comments:	open seed tree look with rp and oak retained from last harvest. Area had heavy jp and jp seeding in prety well.							
Mngt Comments:								
133	4191 - Mixed Upland Deciduous with Conifer	Medium Density	49.5	No	16	50-75	1-50	Upland
General Comments:	Final Harvested 15 years ago with widely spaced oak left as residual. Not very good regen at this point. Oak is starting to escape brousing. Jack pine regen is scattered and bushy. Some aspen clones regenerated and some spots with thicker pin oak regen. Aspen regeneration and younger age class counted as canopy.							
Mngt Comments:								
134	4130 - Aspen	High Density Sapling	2.4	No	11	75-100		Upland
General Comments:	Recent harvest good regeneration aspen							
Mngt Comments:	CTR QUALITY OAK.							
135	4126 - White, Black, N. Pin Oak	Medium Density Log	30.8	No	111	50-75	1-50	Upland
General Comments:	Previously harvested with oak, red pine and white pine left and jp, aspen, rm cut. Oak regen is developing. Look at next time to remove some canopy -too much left last time.							
Mngt Comments:								
136	4122 - Oak, Pine	High Density Log	40.4	No	91	75-100	81-110	Upland
General Comments:	Heavy white pine regen in places. Jack pine, aspen and red maple cut already.							
Mngt Comments:	Consider cutting back to seed tree and weaving red pine where wp regen is not too thick. Red pine looks good in stand. Old Rail bed cuts through stand.							
137	4199 - Other Mixed Upland Deciduous	High Density Log	4.6	No	101	75-100	81-110	Upland
General Comments:	A little ash, beech and ironwood and hemlock. . Better site quality. Some larger good quality red oak. Aspen was cut 25-30 years ago? Lots of birch in spots which is falling out of stand.							
Mngt Comments:								



Stand	Level 4 Cover Type	Size Density	Acres	Multi-Storied?	1st Age	Canopy Closure	BA Range	Upland / Lowland
138	4131 - Aspen, Oak	High Density Log	41.0	No	83	75-100	51-80	Upland
General Comments:	older super canopy oak . Pockets of younger age class 20-25 years that have some nice oak regen. Pockets of older aspen. Red pine on slope on north end of stand. Nice red pine.							
Mngt Comments:	Aspen should come out. Consider green marking some oak and pine for mast and seed production and a few nice rm for retention. Expect good regeneration of aspen/oak/maple/pine. Consider marking out pockets of younger age class for retention?							
139	4122 - Oak, Pine	Low Density Log	29.9	No	121	25-50	1-50	Upland
General Comments:	Recently harvested 2002. Areas that had heavy jp have fair/good jp regen. Some oak is coming through but most is browsed. There is a 20? year old white pine layer that forms second canopy with some oak and red pine. Both this layer and older residual counted in canopy layer. Seedlings counted as sub canopy.							
Mngt Comments:	Consider sticking some red pine in ground in open areas to increase diversity. May be too late but adjacent stands are to be planted.							
140	4122 - Oak, Pine	High Density Log	6.4	No	121	75-100	51-80	Upland
General Comments:	Small stand . Not much like this in this area. Leave unmanaged for now.							
Mngt Comments:								
142	4133 - Aspen, Mixed Pine	High Density Log	4.7	No	91	75-100	81-110	Upland
General Comments:	Side slope on drain. Fairly steep but seems workable. Would come back good to aspen. Could treat with stand to SE. Could just leave it on slope to get big? Looks like it was included in last sale but was left.							
Mngt Comments:								
144	4126 - White, Black, N. Pin Oak	High Density Log	18.7	No	111	75-100	51-80	Upland
General Comments:	Aspen and jp declining. Some younger oak and old wolfy trees. Red pine looks good.							
Mngt Comments:	consider cutting back to some oak and pine and weaving red pine seedlings. Avoid areas with good aspen regen. Remove some large wolfy oak and keep some of the well formed younger oak.							
145	4126 - White, Black, N. Pin Oak	Low Density Log	9.9	No	111	25-50	1-50	Upland
General Comments:	could stick in rp or leave to fill in eventually.							
Mngt Comments:								
146	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	21.8	No	30	75-100	51-80	Upland
General Comments:	2 storied stand with old oak(mainly white) in super canopy and younger 28-31 year second age class which I called canopy.							
Mngt Comments:	CTR QUALITY OAK.							
147	4191 - Mixed Upland Deciduous with Conifer	Medium Density Pole	14.1	No	29	50-75	1-50	Upland
General Comments:	Similar to stand 151. Hasn't been harvested -savannah like ground. encroaching cherry and jp. Consider cleaning up with non-commercial harvest. older oak in supercanopy (second age) but younger age used for canopy call.							
Mngt Comments:								



Stand	Cover Type	Acres	Gen Cmts:	Mgt Cmts:
10	3303 - Mixed Low Density Trees	1.7	Some junk and fire pits. Clumpt of bta in middle. Sumac and oak seedlings and saplings heavily browsed. Trace of LBS, skw, sjw, milkweed, rubus. Scattered rye. Hill climbs with small amount of erosion.	Losing stand to succession. 1)Cut back select trees and then plant grass or 2)cut all bta to promote reforestation of stand.
17	11 - Low Intensity Urban	2.4	Bunker Hill Rd and road shoulder.	
29	3105 - Mixed Upland Herbaceous	1.5	Utility ROW.	
38	3105 - Mixed Upland Herbaceous	20.4		Overhead powerline ROW. Wooden poles. Two track down powerline.
50	3105 - Mixed Upland Herbaceous	2.7	Strawberry, yarrow, various forbs, aspen and oak seedlings.	Poweline ROW with wooden poles and 2 track. Check into possibility of maintaining an opening along poweline since this is already a linear, managed opening.
61	3303 - Mixed Low Density Trees	1.0	Frost pocket. BTA encroachment. Deer browsed bta suckers. Log bc, bb, wintergreen, sedges, scattered pine, bracken, poverty grass. Occasional sweetfern and juneberry. Nice conifer pocket on sw end for cover. Also a small vernal pool just off south edge.	Cut back encroachment and then mow as needed to maintain the opening.
64	3105 - Mixed Upland Herbaceous	1.9	See stand 50.	See stand 50.
65	3303 - Mixed Low Density Trees	3.1	Scattered pole and sapling BC and even some logs. Occasional juneberry, autumn olive, honey suckle, and strawberry. Old RR grade.	Might need a little hand felling by 2009.
79	6239 - Mixed Emergent Wetland	4.1	Also found iris, willow shrub, low water. Large log wp and rp along perimeter and jp snags.	
93	3105 - Mixed Upland Herbaceous	4.9	Old well pad portion mostly sand and skw (occasional LBS). Junk pile and orv damage. Strawberry, rice grass, sedge, and juneberry.	Non-well pad portion is in good shape and should burn. Well pad portion needs soil reconditioning and planting to herbaceous cover. Bike trail.



Stand	Cover Type	Acres	Gen Cmts:	Mgt Cmts:
95	3201 - Sweet Fern	1.4	SJW, skw, hoary alyssum. Near oak and young aspen. Exposed sand. Some truck use. Found one spruce seedling and some mint.	This could be a nice remote location to establish a WSG and forb plot both for wildlife food and cover and seed source and for public viewing. The VASA trail goes through this stand. Old well pad right off of pipeline.
100	6239 - Mixed Emergent Wetland	1.7	Shrubby St. John's wort, shrub sp, thistle sp, snags, one clump of LBS, asters.	
102	3303 - Mixed Low Density Trees	8.8	In a kettle depression. Old RR grade west of 2 track. Witch, bb, cladonia, LBS, juneberry, juniper, trace of toher grass spp., sjw. Old stumps with fire scars. Scatt pine saplings and occasional seedling. Overall well vegetated. Badger excavation. This opening is divided into 2 lobes by ridge with rp, bta, and o. Dry sedge meadow on west side.	Cut some pine and rm regen. Deal with hill climb. Would be nice to burn.
116	3201 - Sweet Fern	2.1	Several dead oaks along edge. Intersection of several 2 tracks. Possible old RR grade.	Could try to close part of orv loop. Party spot with some 4x4ing in the sand.
117	3302 - Low Density Conifer Trees	1.7	Occasional skw. Been used for shooting clay targets.	Use same prescription as Pre-Inv #127. Probably will need to plant additional grasses post burn.
122	3103 - Rubus-Fern	1.5	Scattered ro seedlings, milkweed, LBS.	Fairly well vegetated but should be burnt to reduce slash, kill jp, reduce sedge and bracken component, recycle nutrients, and stimulate bb and grasses. Found one small deep pit.
125	3105 - Mixed Upland Herbaceous	19.1	Utility ROW.	
141	11 - Low Intensity Urban	1.7	Active well site.	
143	3201 - Sweet Fern	1.7		Vegetated with sweetfern and autumn olive. Lots of grasshoppers.



PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

* This is a partial list of SCAs for this compartment. Not included are those areas identified under other Department initiatives (Natural Rivers, Deer Wintering Areas, etc.). Those will be identified in separate, future map and report products.

Inventory Method: IFMAP

Stand	SCA Name	Acres	Comments
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