



Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
42110 - Planted Red Pine	High Density Pole	23.0	54	171-200	TP 1
6129 - Mixed Coniferous Lowland Forest	High Density Log	9.2	117	141-170	TP 1.
42221 - Natural Jack Pine, Mixed Deciduous	Medium Density	17.3	15		Stand swapped from Non-Forested to Forested.
42110 - Planted Red Pine	High Density Log	18.9	54	141-170	illegal blind in north strip
4112 - Maple, Beech, Cherry Association	High Density Log	4.2	85	111-140	
6123 - Lowland Fir	High Density Pole	5.5	36	1-50	
4112 - Maple, Beech, Cherry Association	High Density Log	4.6	75	51-80	Strip with Rm & cherry
6124 - Lowland Spruce-Fir	High Density Log	40.0	Uneven Age	81-110	
4130 - Aspen	Medium Density Log	6.3	80	51-80	New stand added strip of old aspen and red maple with pockets of aspen cut around it in. Other stands
4119 - Mixed Northern Hardwoods	High Density Log	90.9	86	111-140	a little Hemlock scattered around
4110 - Sugar Maple Association	Medium Density Pole	5.8	34	1-50	stand of cherry pole] & saps
6132 - Mixed Lowland Forest with Cedar	High Density Pole	20.6	70	81-110	low mix
4130 - Aspen	High Density Pole	9.3	34	51-80	35 field aspen with some scattered residual oak balsam understory
6118 - Lowland Deciduous with Cedar	High Density Log	16.7	75		
42330 - Upland Fir	Low Density Pole	5.1	Uneven Age		New stand added. Edge of beaver pond with oak and balsam Looks like beavers took out the aspen and left oak. Now is scattered oak with balsam growing in.
6119 - Mixed Lowland Deciduous Forest	High Density Pole	6.5	Uneven Age	51-80	New stand added. low pocket with aspen cut around. Most is lowland hardwoods with some conifers.
4199 - Other Mixed Upland Deciduous	High Density Pole	4.7	50	81-110	Stand of black locust.
4130 - Aspen	High Density Pole	49.7	38	51-80	Somelowspots could be retention



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4319 - Mixed Upland Forest	High Density Pole	7.1	50	81-110	New stand added.
4130 - Aspen	High Density Pole	11.2	58		
4130 - Aspen	High Density Pole	7.1	Uneven Age	81-110	Could REGE-Nt-RATE or save access?
4119 - Mixed Northern Hardwoods	High Density Pole	23.1	85	111-140	Should thin
4119 - Mixed Northern Hardwoods	High Density Log	35.6	81	81-110	1999 comments: stand turns in to lowland hardwoods on south side of pipeline but too small for separate stand. Check for aspen removal in 2010. WLD-stand falls within a moraine landscape best managed toward contiguous n. hardwood. Allow to succeed toward n. hardwood -very diverse at present. remove aspen in future entry.
4130 - Aspen	Medium Density	14.6	9		
4130 - Aspen	Medium Density	13.9	6		Sale # 11-01. Left small pockets of lowland ash in center of stand.
6128 - Lowland Coniferous, Mixed Deciduous	High Density Log	19.2	101	111-140	
6112 - Lowland Aspen	High Density Log	4.0	89	81-110	
4136 - Aspen, Mixed Conifer	Medium Density Log	5.4	89	1-50	
banks along sands creek with aspen, balsam, cedar, wp					
6119 - Mixed Lowland Deciduous Forest	High Density Pole	7.1	80	81-110	
4130 - Aspen	High Density Log	16.8	69	81-110	One Lower area mix of Rm & BA Could regenerate to aspen A little sm
4130 - Aspen	High Density Sapling	115.7	22	1-50	Some larger oak scattered around



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42110 - Planted Red Pine	High Density Log	30.7	79	81-110	Thinned in 91 sale and 01 sale. Could cut and plant some rm balsam and aspen but not too bad may need herbicide or some spots planted around.
6127 - Lowland Pine	High Density Log	10.4	59	141-170	Could harvest most red pine accessis not know. Hunt club and creek drain blocking. ?
4117 - Mixed N. Hardwood - Pine	Medium Density Log	8.3	Uneven Age		Stand swapped from Non-Forested to Forested.
6129 - Mixed Coniferous Lowland Forest	High Density Log	9.3	110		New stand added.
4133 - Aspen, Mixed Pine	High Density Sapling	13.5	Uneven Age	1-50	TP1 1998 FMD Area regenerated to aspen after harvest of 1990
42110 - Planted Red Pine	High Density Log	18.5	79	171-200	Quality RP getting oversized a lot oo Rm under Story Could only get pine d let convert to rm mix
42110 - Planted Red Pine	High Density Log	47.6	Uneven Age	81-110	TP1
42110 - Planted Red Pine	Medium Density Log	38.9	Uneven Age	81-110	1999 comments Aspen regen nice under rp. Seems to grow past deer in filtered sunlight.
42110 - Planted Red Pine	High Density Log	5.6	79	111-140	
6132 - Mixed Lowland Forest with Cedar	High Density Pole	14.1	107	81-110	Creek drainagemix of lowland species
4311 - Pine, Aspen Mix	High Density Log	6.8	Uneven Age	1-50	
42110 - Planted Red Pine	Medium Density Log	54.8	Uneven Age	51-80	
6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	11.6	75	51-80	1999 WLD-Aspen-fir Hummocky, high water table, transition type-orange ribbon fungus.
42110 - Planted Red Pine	Medium Density Pole	32.7	Uneven Age	1-50	
42210 - Natural Red Pine	High Density Log	4.9	69	81-110	
6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	6.8	61	81-110	SMALL FEEDER STREAMS TO SANDS CREEK ORIGINATE IN THIS STAND
42110 - Planted Red Pine	High Density Log	91.5	79	81-110	



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
64	6112 - Lowland Aspen	High Density Pole	27.0	65	81-110	New stand added.
65	42210 - Natural Red Pine	High Density Pole	5.8	59	81-110	
66	4130 - Aspen	High Density Pole	83.2	34	111-140	1999FMD A3R7W7W1 stand will be nearing pole size around 2009 inventory.
67	42110 - Planted Red Pine	High Density Log	49.0	Uneven Age	81-110	
68	4136 - Aspen, Mixed Conifer	High Density Pole	8.2	35	1-50	New stand added.
69	429 - Mixed Upland Conifers	Low Density Pole	4.9	70	141-170	Stand swapped from Non-Forested to Forested.
71	429 - Mixed Upland Conifers	High Density Log	13.8	90	111-140	
73	4133 - Aspen, Mixed Pine	High Density Pole	18.6	38	111-140	WAS OLD O/I STAND 77 SPLIT IN TO IFMAP STDS 62 AND 70 WAS A2 CUT UNDER CONTRACT 003-91 EXTREME DEER BROUSE. Boundaries redrawn so stand 70 may be too small now. It is the 17 year old medium stocked stand after aspen cut.
75	6129 - Mixed Coniferous Lowland Forest	High Density Log	12.9	110	51-80	Low mix between hither ground with old pine plantations.
76	6128 - Lowland Coniferous, Mixed Deciduous	High Density Log	30.4	90	81-110	WAS PREVIOUSLY TWO STANDS C AND Q TYPE IT SOUTH END
77	4319 - Mixed Upland Forest	Medium Density Pole	9.0	35	1-50	
78	42110 - Planted Red Pine	High Density Log	6.5	94	81-110	Could cut & replant Not much growing in but a little balsam.
79	4319 - Mixed Upland Forest	High Density Sapling	10.7	Uneven Age	1-50	Counted boelth layers as canopy big Oaks through out
80	4130 - Aspen	High Density Sapling	5.4	17		WAS O/I STAND 77. SPLIT IN TO IFMAP STANDS 62 AND 70. WAS A2 CUT UNDER CONTRACT 003-91
82	4133 - Aspen, Mixed Pine	High Density Pole	6.9	35	81-110	WAS STAND 74-SPLIT INTO NEW PI STAND 74 AND 111 WAS A6---A5A2M4W7
83	4139 - Aspen, Mixed Deciduous	High Density Sapling	11.0	17		cut under contract 003-91-01 Extreme deer brouse.
84	6122 - Black Spruce	High Density Pole	9.2	79	81-110	



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
85	4191 - Mixed Upland Deciduous with Conifer	High Density Log	26.7	92	111-140	TP1 1999FMD HARVEST NE PART OF THIS STAND WITH STAND 90. IN 2009 Added some of stand to south down to break to lower ground. The west part of this stand has a remnant old savannah look and would be easy to refore if it could be burned. It would be an interesting placement between young aspens and low types. The northeastern part should be split off and treated with stand 90. It has a heavy red pine component but also a good bit of aspen that would likely regenerate thickly in spots. It would be an issue if trying to weave red pine back in. In this part treated with stand 90, there is also a possibility to open up to seed trees and burn to create seedbed for red pine. That would take out the white pine so if red pine doesn't regenerate naturally it could be planted.
86	6129 - Mixed Coniferous Lowland Forest	High Density Log	12.6	88		
87	4126 - White, Black, N. Pin Oak	Medium Density Log	20.8	85	1-50	Has very nice savannah look Could consider burning to maintain? It was cut in last 10-20 years but the old savannah trees were left. A burn soon may be able to maintain this stand or maybe it would need a follow up burn another year. Not enough commercial to sell at this time.
89	6139 - Mixed Lowland Forest	High Density Log	6.9	35	111-140	WAS OLD STAND 74 A6 A5/A2/M4/W7 SPLIT IN TO NEW STAND 74 AND STAND 111
90	4112 - Maple, Beech, Cherry Association	Low Density Pole	6.9	43	1-50	Stand swapped from Non-Forest to Forested.
92	4310 - Pine, Oak Mix	Medium Density	6.3	20		Stand swapped from Non-Forest to Forested.
94	4191 - Mixed Upland Deciduous with Conifer	Medium Density	27.7	21	1-50	STAND A LITTLE MORE OPEN IN THE SOUTH END.
95	42110 - Planted Red Pine	High Density Pole	82.2	73	51-80	REMOVED ALL JP, ASPEN, RM-EXPECT NATURAL JP REGENERATION. SALE #15-01
96	4191 - Mixed Upland Deciduous with Conifer	Medium Density	7.2	21		
97	42260 - Natural Pine, Mixed Deciduous	High Density Log	23.7	77	111-140	1999FMD. HOLD THIS STAND UNTIL 2009 ENTRY YEAR AND HARVEST WITH NE CORNER OF STAND 81-(CURRENT IFMAP PRE-INV)
98	4126 - White, Black, N. Pin Oak	Medium Density Log	19.5	Uneven Age	1-50	1999FMD STAND WAS THINNED IN 1989 Y0E. BA IS STILL LOW AND NUMEROUS CANOPY GAPS HAVE NOT FILLED IN LOOK AT STAND IN 2009 FOR ANOTHER SELECTION.
99	42221 - Natural Jack Pine, Mixed Deciduous	High Density Sapling	52.7	21		1999FMD- WATCH FOR PROPER REGEN. IF NOT DEVELOPING PLANT TO RP. IF REGEN IS GOOD NO PLANTING NEEDED. J2M1A107



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100	4191 - Mixed Upland Deciduous with Conifer	High Density Log	11.6	80	81-110	1999 FMD- O8R7W7O4M4A4 IEAVE OAK AS A NURSE CROP FOR THE ASPEN , RED PINE AND SAPLING MAPLE. cHECK FOR OAK REMOVAL IN 2009 ENTRY. THERE IS ALSO A FAIR COMPONENT OF OAK POLES IN THE 4-6 INCH CLASS.
101	4310 - Pine, Oak Mix	High Density Sapling	15.5	21		
102	42110 - Planted Red Pine	High Density Log	36.4	75	111-140	1999FMD SCATTERED JP AND OAK IN NORTH CENTRAL PART OF STAND.
103	4191 - Mixed Upland Deciduous with Conifer	High Density Sapling	23.4	35	1-50	SPLIT OLD STAND 67 IN TO STANDS 96 AND 97 BASED ON IMAGERY? WAS AN A3. pUT BACK TOGETHER WITH STAND 97
104	42210 - Natural Red Pine	Medium Density Log	23.2	77	1-50	sale 15-01. Left oak and red pine.
105	42260 - Natural Pine, Mixed Deciduous	High Density Log	65.0	Uneven Age	81-110	1999FMD O8M4W4R7W7 TP1 -hold until 2009 entry year to break up age classes
106	4199 - Other Mixed Upland Deciduous	High Density Sapling	21.7	Uneven Age	1-50	SPLIT O/I STAND 84 IN TO THIS STAND AND STAND 98 WAS A3 1999FMD: A2M1W1O7 Rejoin with stand 98.
108	4191 - Mixed Upland Deciduous with Conifer	High Density Log	11.3	80	81-110	1999FMD O8R7W7O4M4A4 STAND DIRRECTLY TO EAST WAS HARVESTED BY LOWERING THE BA TO 40. THIS WAS DONE TO TRY TO GET SOMETHING PAST THE DEER BROUSE PROBLEM. WATCH THIS NEIGHBOR STAND AND DURING 2009 MAKE DECISION ON HOW TO PROCEED WITH A HARVEST ON THIS STAND. LIGHT TO MODERATE SELECTION DOES NOT WORK AS THERE WILL BE NO REGENERATION
109	4199 - Other Mixed Upland Deciduous	High Density Sapling	40.6	Uneven Age	1-50	10999FMD O2M1O7
110	4131 - Aspen, Oak	High Density Pole	13.6	35	1-50	WAS A3
111	42290 - Natural Mixed Pine	High Density Log	26.9	75	81-110	
112	4129 - Mixed Oak	High Density Log	83.8	79	51-80	1999FMD J5O4O7W4R7. CHECK STAND 2009 ENTRY FOR A DELAYED REMOVAL. JACK PINE IS AIDING IN REGEREATION OF OAK AND WHITE PINE
113	4199 - Other Mixed Upland Deciduous	Medium Density	7.5	Uneven Age	1-50	1999FMD. BA IS LOW AND THERE ARE MANY CANOPY GAPS THAT HAVE NOT FILLED IN. LOOK AT 1N 2009 FOR ANOTHER SELECTION.
114	6120 - Lowland Cedar	High Density Pole	3.9	100	51-80	Drainage with cedar through upland mix. Pond formed where road has caused backup.



Stand	Cover Type	Acres	Gen Cmts:
7	623 - Emergent Wetland	1.3	
8	330 - Low-Density Trees	3.0	
14	310 - Herbaceous Openland	1.6	
20	50 - Water	1.0	
22	310 - Herbaceous Openland	9.0	
24	623 - Emergent Wetland	40.5	
34	310 - Herbaceous Openland	9.5	
35	622 - Lowland Shrub	6.2	
36	310 - Herbaceous Openland	2.1	
37	330 - Low-Density Trees	2.0	
41	6225 - Bog	1.4	
44	330 - Low-Density Trees	1.7	
48	310 - Herbaceous Openland	1.2	
53	310 - Herbaceous Openland	1.6	
58	330 - Low-Density Trees	2.0	
70	6223 - Inundated Shrub Swamp	10.0	
72	623 - Emergent Wetland	1.3	
74	623 - Emergent Wetland	20.1	



Stand	Cover Type	Acres	Gen Cmts:
81	310 - Herbaceous Openland	5.2	
88	310 - Herbaceous Openland	6.9	
91	623 - Emergent Wetland	1.3	
93	6239 - Mixed Emergent Wetland	2.6	Stand swapped from Non-Forested to Forested. Stand swapped from Forested to Non-Forested.
107	623 - Emergent Wetland	9.4	