



Inventory Method: IFMAP

Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
6127 - Lowland Pine	High Density Log	4.8	90		
4122 - Oak, Pine	High Density Log	5.7	90		Next to Manistee River.
4125 - Black, N. Pin Oak	High Density Log	2.5	90		
42110 - Planted Red Pine	High Density Pole	7.2	39	200+	
4131 - Aspen, Oak	High Density Log	27.4	65		
42110 - Planted Red Pine	High Density Pole	22.5	43	171-200	
42110 - Planted Red Pine	High Density Pole	7.8	38	200+	Same as stand 12 - 4-5 stick with scattered oak.
4125 - Black, N. Pin Oak	High Density Log	3.9	110	141-170	Access is through private property.
42110 - Planted Red Pine	High Density Pole	7.6	38	200+	Pine plantation (4-5 stick) with scattered (mainly) log oak with clumps of aspen and oak.
4125 - Black, N. Pin Oak	High Density Log	31.1	110	51-80	Beaver activity on southern edge of stand by Portage Creek.
6120 - Lowland Cedar	High Density Log	3.7	85		
42110 - Planted Red Pine	High Density Pole	17.1	43	141-170	
6120 - Lowland Cedar	High Density Log	1.4	90		
42200 - Natural White Pine	High Density Pole	5.8	35	111-140	
4125 - Black, N. Pin Oak	High Density Log	43.7	110	111-140	
4125 - Black, N. Pin Oak	Low Density Log	14.2	110	51-80	
4125 - Black, N. Pin Oak	Low Density Log	8.2	90		
4130 - Aspen	High Density Log	11.5	60	111-140	



Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
6120 - Lowland Cedar	High Density Pole	6.1	110		Scattered super sized white pine over cedar stand. No understory to speak of.
4130 - Aspen	High Density Sapling	55.1	10		Sale #165-98-01. Sale was completed 11/8/99. Sale cruise information indicated that there was a substantial amount of aspen in the stand. Left scattered white pine.
4130 - Aspen	Medium Density	16.3	2		Rattlesnake cut sale #023-06
4125 - Black, N. Pin Oak	High Density Log	3.9	110	81-110	
6120 - Lowland Cedar	High Density Log	1.0	143		
42220 - Natural Jack Pine	High Density Pole	1.2	40		
4130 - Aspen	High Density Pole	12.5	23		
4132 - Aspen, Jack Pine	Medium Density Pole	2.4	32		
4130 - Aspen	High Density Pole	78.5	23		
6120 - Lowland Cedar	High Density Log	5.4	102		
4130 - Aspen	High Density Sapling	9.3	3		
42220 - Natural Jack Pine	Medium Density	2.6	30		
6112 - Lowland Aspen	Medium Density	6.9	23		
42220 - Natural Jack Pine	High Density Pole	39.0	32		
4135 - Aspen, Cedar	High Density Pole	4.3	45		
6117 - Lowland Deciduous, Mixed Coniferous	High Density Sapling	15.6	23		
6120 - Lowland Cedar	High Density Pole	2.9	143		
6121 - Tamarack	High Density Pole	2.4	60		



Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
42220 - Natural Jack Pine	High Density Sapling	21.5	9		Sale # 126-98. Sale was finished 3rd week of January 1999.
4130 - Aspen	High Density Sapling	12.4	3		
6120 - Lowland Cedar	High Density Pole	43.4	143		
6122 - Black Spruce	High Density Pole	4.5	64		
6117 - Lowland Deciduous, Mixed Coniferous	High Density Log	50.9	64		
42220 - Natural Jack Pine	High Density Pole	7.3	32		
42220 - Natural Jack Pine	High Density Sapling	5.4	32		
4130 - Aspen	High Density Pole	6.7	30		
4319 - Mixed Upland Forest	High Density Pole	5.5	40		
42320 - Upland Spruce	High Density Pole	63.1	64		
42220 - Natural Jack Pine	Low Density Pole	3.4	32		
4113 - R.Maple, Conifer	High Density Sapling	1.8	15		Scattered white pine logs.
6122 - Black Spruce	High Density Pole	15.9	51		
4130 - Aspen	High Density Pole	3.7	30		
42220 - Natural Jack Pine	High Density Sapling	13.1	32		
42220 - Natural Jack Pine	Medium Density	94.8	31		
42220 - Natural Jack Pine	Medium Density Pole	46.5	31		
42220 - Natural Jack Pine	High Density Pole	26.2	31		



Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
6112 - Lowland Aspen	High Density Pole	11.9	30		
6113 - Lowland Maple	High Density Pole	33.0	79		
42220 - Natural Jack Pine	Medium Density Pole	22.3	31		
6122 - Black Spruce	High Density Pole	13.9	64		
42220 - Natural Jack Pine	High Density Pole	12.5	43		
42220 - Natural Jack Pine	High Density Pole	36.6	31		
42220 - Natural Jack Pine	Medium Density Pole	3.0	30		
42220 - Natural Jack Pine	High Density Pole	2.4	28		
6122 - Black Spruce	High Density Pole	64.1	64		
42220 - Natural Jack Pine	High Density Pole	40.0	23		
42250 - Pine, Oak	High Density Pole	7.2	72		
42220 - Natural Jack Pine	High Density Pole	25.9	45		
42220 - Natural Jack Pine	Medium Density Pole	16.5	25		
42220 - Natural Jack Pine	High Density Pole	119.6	45		This stand is probably full of bullets because it is adjacent to Military ranges, so would probably not be able to treat.
42250 - Pine, Oak	High Density Pole	5.0	72		
4129 - Mixed Oak	Medium Density Pole	12.5	30		
42220 - Natural Jack Pine	Low Density Pole	4.2	45		Mowed area adjacent to the ranges.
4125 - Black, N. Pin Oak	Medium Density Log	3.1	60		



Stand	Cover Type	Acres	Gen Cmts:
4	622 - Lowland Shrub	1.4	
6	3102 - Grass	2.4	Powerline ROW
11	50 - Water	5.5	Manistee River
13	310 - Herbaceous Openland	14.7	Rattlesnake experimental cut. Sale #023-06. No regeneration to speak of.
18	622 - Lowland Shrub	21.2	Clumps of cedar, white pine and birch in areas.
23	622 - Lowland Shrub	48.0	Tag alder stand along Portage Creek.
24	50 - Water	2.5	Old oxbow.
25	622 - Lowland Shrub	2.3	
28	320 - Upland Shrub	2.1	A few scraggly pine.
29	320 - Upland Shrub	6.6	
30	310 - Herbaceous Openland	8.7	Rattlesnake experimental cut. Sale #023-06. No regeneration to speak of.
31	320 - Upland Shrub	13.9	
35	622 - Lowland Shrub	3.4	
38	320 - Upland Shrub	1.2	
44	622 - Lowland Shrub	16.6	
48	622 - Lowland Shrub	11.3	
49	320 - Upland Shrub	0.7	
57	622 - Lowland Shrub	64.2	



Stand	Cover Type	Acres	Gen Cmts:
60	320 - Upland Shrub	2.5	
63	6229 - Mixed lowland shrub	3.2	
68	320 - Upland Shrub	7.0	
73	710 - Sand, Soil	12.8	Pipeline
74	622 - Lowland Shrub	4.3	
75	122 - Road/Parking Lot	11.3	
76	622 - Lowland Shrub	13.2	Mainly tag alder. Open water in areas.
81	622 - Lowland Shrub	3.6	
83	622 - Lowland Shrub	6.7	
86	622 - Lowland Shrub	81.9	
90	330 - Low-Density Trees	7.0	Within range. Open with scattered jack and cherry.
92	330 - Low-Density Trees	7.0	
95	122 - Road/Parking Lot	5.5	Howe Road
96	3302 - Low Density Conifer Trees	11.3	Dead trees most likely caused by shooting range, which is due south.
97	710 - Sand, Soil	3.9	Fire break just constructed by Military.
99	622 - Lowland Shrub	2.3	
102	3102 - Grass	6.1	
103	3102 - Grass	173.3	Military range.



Stand	Cover Type	Acres	Gen Cmts:
105	622 - Lowland Shrub	0.9	
108	122 - Road/Parking Lot	3.9	Building and equipment area along with road.
109	710 - Sand, Soil	15.7	Military range.