



Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1 42130 - Planted Scotch Pine	Medium Density Log	2.5	40	81-110	Austrian pine is poorly formed, limby. Best to let it die out over time and convert naturally to northern hardwoods. Douglas fir: several rows on north end of stand. NOTE: "scotch pine" in canopy species listing is actually Austrian pine, "larch" is actually Douglas fir (these species are not available in pick list). Misc. decid. saplings include white ash, sugar maple.
2 4119 - Mixed Northern Hardwoods	High Density Log	22.3	82	141-170	Possible thinning, but access is difficult and slope would reduce acreage to cut. Possible old growth/SCA? Bigtooth aspen is old, declining.
3 4130 - Aspen	High Density Sapling	4.0	16		WP is in one patch. Mostly QA in N. half, BTA in S half of stand.
4 42100 - Planted White Pine	Medium Density Pole	13.2	44	111-140	Thinned in 11/02. Heavily deformed by WP weevil.
5 4130 - Aspen	High Density Sapling	12.1	16		
6 4130 - Aspen	High Density Sapling	3.7	16		
9 4112 - Maple, Beech, Cherry Association	High Density Log	258.2	96	111-140	Somewhat heterogenous. Tends to be more of a RM/BC/AB/A mix in low areas, more SM/BW/AB on ridges. Some patches of pole sized trees, sparse in draws. Needs stage 2 to sort out areas to thin, areas to leave uncut. Bigtooth aspen clones scattered throughout. Small amounts of canopy q. aspen, ironwood, hemlock, yellow birch.
10 42110 - Planted Red Pine	Medium Density Pole	12.3	44	81-110	
11 42260 - Natural Pine, Mixed Deciduous	Medium Density Log	2.7	Uneven Age	111-140	White pine is somewhat limby. Cherry is old, dying out (good snags). May be some white pine older than the cored tree.
13 42101 - Planted White Pine, Mixed Deciduous	High Density Pole	20.4	44	171-200	5 parts. North-most has been row thinned in 2002, OK for now. Other parts are unthinned. Could mark rows to thin plus additional adjacent trees, leaving better quality WP/hardwoods and pushing stand toward WP/NH mix over time.
14 4130 - Aspen	High Density Sapling	9.4	14		A couple small open gaps, otherwise pretty dense, vigorous looking.
16 42100 - Planted White Pine	High Density Pole	12.0	44	200+	Dense, mostly low quality WP: limby, heavily weeviled. Lots of mixed hardwood seedlings in places (BC, SM, IW, AB). Could possibly shelterwood cut, retaining maybe 50-80 BA of better WP and some hardwoods for seed/shade, moving stand to mixed WP/NH. Some aspen regen patches would also result. Other options would be to row thin this entry, or just leave it for wildlife cover.
17 4130 - Aspen	Medium Density Log	5.3	56		Cut if practical and if not designated old growth. Alternating ridges and draws (east-west); north end of stand probably seasonally wet. Some phelinus in aspen.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
18	6112 - Lowland Aspen	Medium Density Log	9.7	48	81-110	Appears to be at least seasonally wet or saturated. Shallow drainage; undefined channel S to N through stand. Clumps of overtopped cedar, hemlock. Some mortality in aspen. A few basswood, elm, ash.
19	4130 - Aspen	High Density Sapling	8.7	14		A few open gaps. Occasional scruffy hemlock.
23	4130 - Aspen	High Density Pole	61.6	27		Occasional pole sized maples, otherwise pretty solid, dense aspen poles with a cherry component. Scattered elm.
24	4319 - Mixed Upland Forest	High Density Pole	106.4	49	81-110	There is a reasonably high proportion of fairly straight white pine without significant weevil damage, with good potential. Much of the hardwood is stump sprouts. Patchy species distribution. SI trees: 9.9" dbh 53' tall 41 years old, 10.5" 50'. Plantation records show the stand at 49 years old, but many appear younger and a cored tree showed 33 rings (about 41 years total?).
25	42110 - Planted Red Pine	Medium Density Pole	26.1	49	141-170	thinned in 11/02
26	4116 - Mixed N. Hardwood - Aspen	High Density Log	15.5	68	51-80	Heterogenous mix. Some sapling/pole patches, a couple of regen gaps. Medium quality. Small amount of beech. Possibilities: 1) clearcut with residuals for aspen regeneration; 2) selection, removing some aspen, multi-stemmed maple, and other trees as necessary to create regen holes or release promising younger hardwoods; 3) let grow another 10 years, then revisit opportunities.
27	4111 - S.Maple, Hard Mast Association	High Density Log	94.6	83	111-140	Variable quality and stocking. Younger, poorer quality in shallow draws. Some clumps of planted white pine. Stand might benefit from a selection cut. Could focus on taking out some aspen and multi-stemmed maple. Traces of white ash, basswood, and ironwood in canopy.
28	42100 - Planted White Pine	High Density Log	11.9	49	200+	Hardwood seedling/sapling in understory in places. WP: lots of weevil damage, but some decent trees. Has not been thinned. Prescribe a marked thinning, marking entire rows plus additional adjacent, poorer stems. Take about 40% of stems.
33	4130 - Aspen	High Density Pole	55.0	34		Not easily distinguishable from stand 44 - just a little larger diameters. Not mature yet, but some patches may have trees large enough to be merchantable (8", 3 stick) if some patch cuts were desired for age class diversity. Strong successional push toward hardwoods. North end mostly quaking aspen, south mostly bigtooth. Small amounts of overstory beech and ironwood.
34	42110 - Planted Red Pine	High Density Pole	32.0	49	111-140	Row thinned in 11/02, crowns just starting to close back in from thinning. Decent quality. A few quaking aspen.
35	4110 - Sugar Maple Association	High Density Log	122.0	75	111-140	Lots of beech seedlings. Aspen is in patches, most on east side of stand. Numerous regen gaps with various amounts of ironwood, aspen, hardwood saplings and poles. Age is from an average size codominant sugar maple; some SM appear to be older. Small amounts of black cherry, yellow birch, hemlock.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
36	4139 - Aspen, Mixed Deciduous	Low Density Pole	8.7	48		Variably aged aspen clones taking over an old field. Brushy understory, open gaps.
37	42101 - Planted White Pine, Mixed Deciduous	Medium Density Pole	60.7	49	141-170	Some mortality in SW finger. Moderate stocking of mixed hardwood seedlings (AB, SM, BC). W. pine has some long-term potential despite weevil damage. BA's: 160, 210, 240, 130, 110, 50; 1st three are from unthinned west fingers of stand. Trace of s. maple.
40	4111 - S.Maple, Hard Mast Association	Medium Density Log	19.2	108	81-110	Thinned 10/06. Small amounts of yellow birch, white ash.
41	4139 - Aspen, Mixed Deciduous	Medium Density Pole	24.7	27		Patchy, brushy stand. Appears to be low quality, small diameter for its age. A little better quality and denser in north lobe of stand, with more bigtooth aspen.
42	4139 - Aspen, Mixed Deciduous	Low Density Pole	45.9	30		Much of the cherry is stump sprout origin, much is shrubby/open grown. Numerous openings and gaps. Generally poor quality trees. Aspen clones are of variable density and age. Long-term conversion away from aspen should be considered. Scattered white pine and ironwood saplings, autumn olive.
44	4130 - Aspen	High Density Pole	62.3	27		Hardwood stump sprouts. Quite variable in diameters. Successional push toward northern hardwoods, with numerous hardwood seedlings and saplings. Small amounts of overstory red maple, white ash, beech, and elm.
45	42110 - Planted Red Pine	Medium Density Pole	28.8	49	111-140	Thinned in 11/02 except portions east of road in potential old growth area. Could possibly thin previously unthinned blocks if not retained for old growth.
48	4116 - Mixed N. Hardwood - Aspen	High Density Log	7.7	84	81-110	Much of aspen component is old, declining. Let succession to northern hardwoods continue.
49	42100 - Planted White Pine	High Density Pole	30.0	49	171-200	May be able to thin if not retained as old growth. Curving rows, some slopes might make thinning difficult.
50	42101 - Planted White Pine, Mixed Deciduous	High Density Pole	161.3	49	141-170	Old fire lanes brushed in with ironwood, cherry, aspen. Patches of older bigtooth aspen; pole quaking aspen scattered throughout. Heavy weevil damage. A few elm. Numerous suppressed, dead white pine: self thinning. Very little understory. Could thin and/or patch cut if not held for old growth, or possibly clearcut a block or two with residual white pine then replant for age class diversity.
51	4130 - Aspen	Medium Density Pole	85.9	32		Rather sparse. Some remnant mature hardwoods scattered throughout - red maple, black cherry, plus some sugar maple on the west edge. Small amount of white pine.
52	4130 - Aspen	Medium Density Pole	16.1	64		Variable stand. Q. aspen clones and associated brushy undergrowth along edges of openings; older bigtooth aspen clones in NW part of stand with more hardwoods. Possible clearcut, marking maybe 10-30 BA of better quality hardwood poles to leave, moving toward a hardwood/aspen mixed type.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
53	4110 - Sugar Maple Association	High Density Log	14.6	93	111-140	Good quality stand. Prescribe for selection, reduce BA to 80-90. Small amounts of overstory white ash, yellow birch, quaking aspen, beech.
55	4111 - S.Maple, Hard Mast Association	High Density Log	44.2	95	141-170	Some aspen snags and CWD. Some gaps with advanced sapling growth. Some large crowned beech, multi-stemmed maple. Fair to good quality timber. Could select cut to 80-90 BA, make some regen holes. Do a full stage 2 survey.
56	4130 - Aspen	High Density Pole	35.8	27		Some open areas (old landings?). Well stocked, fair quality.
57	4130 - Aspen	Low Density Pole	28.0	45		Some denser patches of trees, some open gaps. There are a few older aspen clones (+/- 63 yrs.), but bulk is +/- 45 yrs. Younger aspen is creeping out into open gaps. Small amounts of elm, white pine.
58	4116 - Mixed N. Hardwood - Aspen	Low Density Pole	17.3	40		Sparse, low quality. Could possibly burn, or maybe plant pine.
60	4139 - Aspen, Mixed Deciduous	Low Density Pole	74.7	41		Sparse, low quality. Could possibly convert to pine, opening, or some of each. White pine is sparse but well distributed throughout most of stand (some Scotch pine too). A few pockets of denser, larger aspen/black cherry: could clearcut such patches to regenerate. Some red mple, juneberry here and there.
61	4130 - Aspen	High Density Pole	0.6	27		Small disjunct part of stand 56 between wetland and section line.
63	4319 - Mixed Upland Forest	High Density Pole	4.3	Uneven Age	81-110	Mixed type. Planted WP sometimes forms canopy. Other places overtopped/suppressed by hardwoods. Trace of beech. Note: this is just a small part of a larger stand to the east; most of the data was copied from stand 9, compartment 9.
64	42101 - Planted White Pine, Mixed Deciduous	Medium Density Pole	49.4	49	111-140	Row thinned in 2002, but some remote fingers were not thinned (see notes on field map). Open lane E-W through stand has dense hardwood seedlings & saplings. Some patches of pure hardwoods. Most of the white pine is fairly straight, good quality; fairly low in significant weevil damage. Trace of q. aspen.
66	4130 - Aspen	High Density Sapling	26.0	16		trace of red maple
68	42110 - Planted Red Pine	Medium Density Pole	13.1	49	111-140	Still room to grow in canopy. Some beech seedlings. SI tree: 8.5"dbh, 62' tall.
70	42100 - Planted White Pine	Medium Density Pole	11.0	49	81-110	
71	4112 - Maple, Beech, Cherry Association	High Density Pole	40.6	77	111-140	Consider thinning south of Oakley Rd. Very dense rings on cored tree. Patches of planted white pine. BAs: 150 s. of Fortine Rd.; 100, 50, 90 n. of Oakley; 140, 70 n. of Fortine. Traces of ash, aspen.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
72	4110 - Sugar Maple Association	High Density Pole	10.5	69	111-140	trace of beech
73	4130 - Aspen	High Density Pole	70.1	63		Some open patches. Small sized trees considering age. Could be harvested, but we may want to just let this convert to red maple-white pine over time. Aspen tends to be denser, a little better quality in the east 1/3 of the stand. Trace of elm.
74	4116 - Mixed N. Hardwood - Aspen	Medium Density Pole	90.2	41	1-50	Two-storied stand of older remnant chery and maple over aspen and red maple poles/saplings. Much of the RM is multi-stemmed stump sprouts. QA is low quality, BC fair to low quality.
75	4112 - Maple, Beech, Cherry Association	High Density Log	22.5	73	81-110	Just thinned in 2006. Residual trees fair to good quality. Trace of beech.
76	42260 - Natural Pine, Mixed Deciduous	Medium Density Log	12.7	Uneven Age	111-140	Could do a marked thinning to release some better quality white pine, or just leave for cover/diversity. A few older, larger white pine. Mixed saplings = ironwood, red maple.
77	42110 - Planted Red Pine	Medium Density Pole	6.2	49	171-200	Some beech seedlings. North 60% of stand is thinned red pine, south 40% is unthinned white pine. Could thin again: mark red pine and mark swaths/rows through white pine.
78	4112 - Maple, Beech, Cherry Association	Medium Density Log	7.9	69	81-110	Thinned in 2002. Fair to good quality. Some cherry seedlings in canopy gaps. Still lots of room to grow in canopy.
79	6119 - Mixed Lowland Deciduous Forest	Low Density Log	5.0	Uneven Age		Willow, cattail, ferns, rushes above the snow in openings. Wet, open patches surrounded by trees.
80	42101 - Planted White Pine, Mixed Deciduous	High Density Pole	2.0	49	111-140	Trace of q. aspen.
82	4110 - Sugar Maple Association	High Density Pole	22.2	88	111-140	Cored tree: very dense rings early in tree's life (1st 20-25 years), then released with good growth. Scattered red maple, ironwood. No stage 2 needed. Could thin, but sale will be mainly pulp. Decent quality sugar maple poles and small logs would benefit from release. Access from NW across state land in compartment 7.
83	4199 - Other Mixed Upland Deciduous	Medium Density Pole	25.0	27		Some open gaps in stand. A few white birch, beech. Mixed hardwood saplings = red maple, beech, sugar maple.
84	4112 - Maple, Beech, Cherry Association	High Density Log	109.4	81	111-140	Variable quality. SM concentrated toward east end of stand. Scattered basswood, yellow birch, elm, white ash, white pine. Some big hollow beech wildlife trees. Aspen in scattered clones. Stage 2: BA/DBH.
85	4112 - Maple, Beech, Cherry Association	Medium Density Log	17.4	88	81-110	Many trees multi-stemmed, poor quality. Thinned in 2002. Some regen in patches: AB, SM, IW.
86	42110 - Planted Red Pine	High Density Pole	2.5	49	171-200	3rd row thin.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
87	4130 - Aspen	Medium Density	2.4	17		Small part of larger overall stand (adjacent stand 41 compartment 9); most of the data was copied from that stand. South end of this small stand is a small opening.
88	42100 - Planted White Pine	High Density Pole	3.1	49	171-200	Short N-S oriented rows, but a little erratic. Could thin, marking out some N-S rows to cut plus some additional trees with weevil damage adjacent to marked rows. Limby, but straight.
90	4110 - Sugar Maple Association	Low Density Sapling	7.0	36		Hardwoods reclaiming an old field. Some older multi-stemmed sugar maple (and a few white ash) toward the west end of the stand. Denser/more s. maple to west, sparser/more cherry to east.
91	4110 - Sugar Maple Association	High Density Log	6.6	88	111-140	Fairly steep slope up toward SE, but should be operable. Hill was not hit as heavily as the rest of the stand, if at all, during last thinning. Could select cut. Stage 2: BA/DBH. Good quality timber.
92	4110 - Sugar Maple Association	High Density Log	34.7	66	111-140	Aspen clones irregularly scattered throughout. Also some semi-open patches with advanced regeneration. Fair to good quality trees. Some snags, little CWD. Patches of planted WP/RP. Selection cut down to about 90 BA, create some regen holes. Strip between plantation blocks is somewhat younger, could be excluded from harvest area. May need stage 2 DBH/BA.
93	42101 - Planted White Pine, Mixed Deciduous	Medium Density Log	22.8	49	111-140	Thinned in 2002. Heavy hardwood regen in places, very little in others. WP decent quality.
94	42110 - Planted Red Pine	High Density Pole	6.8	33	171-200	Limby, fast taper. Many trees have a slight sweep or crook in the first 8 feet (old snow damage?). Could third row thin. Poor quality east end.
95	42130 - Planted Scotch Pine	High Density Pole	9.9	51	111-140	Fairly well stocked with an advanced understory of hardwood regeneration. Could clearcut to remove exotic SP and allow hardwoods to take over, if hardwoods can be adequately protected during harvest, otherwise, replant to red pine after harvest. Could also let SP die off and let hardwoods succeed. SP mostly 2-3 sticks, then limby/wolffy top. Some better stems, a few sawbolts. Some mortality in SP.
96	42141 - Planted Mixed Pine, Mixed Deciduous	High Density Log	5.2	49	111-140	Hardwoods in patches opened up in 1978 release cut, plus a heavy understory component within RP/WP patches. Should manage long-term for hardwoods. Maybe remove much of RP in a future entry and let n. hardwoods take over.
97	4130 - Aspen	High Density Pole	8.5	27		Planted WP patches in west end, hardwood saplings and poles in a patch in SE corner of stand. Remainder is pretty solid BT aspen poles with a few hardwoods in canopy.
98	4110 - Sugar Maple Association	High Density Pole	6.0	79	111-140	Old field returning to hardwoods. Low to medium quality, numerous multi-stemmed maple. Little structural diversity, open understory. Prescribe for selection cut of s. maple, leave most or all of the other species for diversity. Trace of white ash, bigtooth aspen. No stage 2 needed.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
99	42110 - Planted Red Pine	High Density Log	23.0	54	171-200	Occasional suppressed Scotch pine, Norway spruce. Could do a marked thinning or 3rd tree cut, or possibly clearcut per red pine project. Some mortality pockets (pine bark beetle?). If cut, take all SP. Hardwood regen thick in some spots. Some younger inclusions: 3 "holes" evident in 1978 photo are mostly filled in with a 2nd RP planting about 39 years old.
100	4110 - Sugar Maple Association	Low Density Pole	11.0	43	1-50	Old field returning to hardwoods. All sizes/ages of maple, from open-grown multi-stemmed older trees down to seedlings. Patchy and heterogenous, some openings. Red pine windbreak on north edge is on adjacent private property, but has seeded in numerous volunteers at that end of stand. Stand age taken from a pole-sized tree.
101	42110 - Planted Red Pine	High Density Pole	9.7	47	171-200	Numerous hardwood seedlings in much of stand: AB, SM, BC; otherwise open understory. Thin this YOE, either marked or 3rd tree thin. Stand was already row thinned. Leave scattered hardwoods for diversity. No stage 2 needed.
102	4130 - Aspen	High Density Pole	8.7	33		Fairly dense sugar maple seedlings 3-8 feet.
103	4130 - Aspen	High Density Pole	4.5	17		Dense pole stand, trace of w. birch. Utility line runs through stand with lots of raspberry in the R.O.W. Lots of fallen QA from self-thinning.
104	4110 - Sugar Maple Association	High Density Log	32.5	93	81-110	Good quality timber. Fairly open understory. Needs some more regeneration gaps. Stand has few snags, little CWD. Fair number of multi-stemmed maple. Trace of hemlock, bigtooth aspen.
105	4110 - Sugar Maple Association	High Density Log	89.5	79	111-140	Thinned in 2003. May be ready to thin again, but may be delay a few years beyond YOE. Stage 2 needed. Patches of younger pole timber and aspen. Good quality timber. Lots of beech & ironwood seedlings.
106	42310 - Planted Spruce	High Density Pole	4.6	47	111-140	Aspen saplings resulting from 1991 overstory removal cut are in gaps in the spruce plantation. Trace of red maple. Leave this stand for cover value.
107	42110 - Planted Red Pine	High Density Log	21.2	47	171-200	Some patches of SM/AB saplings in understory. Could thin, either mark or spec every 3rd tree. Occasional black cherry.
109	4130 - Aspen	Medium Density Pole	47.0	Uneven Age		Generally low quality aspen. May be best to manage for hardwoods over the long run. Some low, wet spots. Red maple is multi-stemmed stump sprouts. Some aspen mortality.
111	4130 - Aspen	Medium Density Pole	1.0	39		Poor quality aspen, some hypoxylon. Dense hardwood seedlings: BC, SM, AB. Manage along with adjacent stand in compartment 9.



Stand	Cover Type	Acres	Gen Cmts:
7	3205 - Mixed Upland Shrub	4.3	Notes from TLW 3/17/08 - Autumn olive, shrubby black cherry and white pine.
8	3102 - Grass	6.1	
12	3301 - Low Density Deciduous Tree	1.7	
15	3105 - Mixed Upland Herbaceous	1.3	
20	3301 - Low Density Deciduous Tree	1.7	
21	31021 - Cool Season Grass	1.0	
22	3302 - Low Density Conifer Trees	1.1	Notes from TLW 3/19/08 - Red and white pine seedlings and saplings taking over. Also a few black cherry poles.
29	3301 - Low Density Deciduous Tree	1.2	Scattered black cherry. Timothy is all in one clump in middle of south lobe of stand. Strawberry and mint. Possibly one clump of switchgrass.
30	3105 - Mixed Upland Herbaceous	4.8	30-40 red pine saplings present from previous wildlife cover planting. Scattered old apple trees. White spruce was also planted but none were found. FTP W-61-245.
31	3105 - Mixed Upland Herbaceous	3.1	
32	11 - Low Intensity Urban	5.6	Valley Rd.
38	3105 - Mixed Upland Herbaceous	3.5	
39	3204 - Mast Producing Shrub	35.1	Very similar to stand 54, except the trees here are more evenly space rather than clumped.
43	3301 - Low Density Deciduous Tree	36.9	Scattered juneberry and rubus.
46	6239 - Mixed Emergent Wetland	2.9	Low ditch along Valley Rd.
47	3102 - Grass	1.8	Moss, hoary alyssum.
54	3301 - Low Density Deciduous Tree	20.3	Occassional old stump. I clump of leafy spurge. Bracken is nearly ubiquitous with not much underneath it. BC of all sizes. Poverty grass along 2 track. This openning is onits way to becoming a forested stand. Sheep sorrel, moss, sedge, rice grass, rubus, some red maple, golden rod, sjw, autumn olive. Shrubs planted under FTP W-61-245.



Stand	Cover Type	Acres	Gen Cmts:
59	6233 - Wet Meadow	2.7	Significant floating mat.
62	3105 - Mixed Upland Herbaceous	1.3	Some red pine still present from wildlife planting from last entry period. Several honeysuckle.
65	3204 - Mast Producing Shrub	7.6	Gently rolling topo. NW end being used as a deer camp. Some small aspen clones present. Very similar to stand 58 - M4.
67	3301 - Low Density Deciduous Tree	3.9	Notes from TLW 1/29/08 - Sparse open grown black cherry of all sizes. Some quaking aspen and red maple. White pine saplings. Blackberry.
69	3103 - Rubus-Fern	4.9	Part of this stand is still probably considered a wet meadow. This part has sedges, some rushes, and a ground level rubus species. Some minor vehicle traffic here.
81	3301 - Low Density Deciduous Tree	4.9	SJW, scattered cherry, scattered red maple clumps, rubus, cladonia, sugar maple, June berry, sheep sorrel, hawkweed, scattered white pine seedlings, bracken, strawberry, old white pine stumps,
89	3105 - Mixed Upland Herbaceous	1.2	
108	3204 - Mast Producing Shrub	1.1	Notes from TLW 1/25/08 - Mixed sized of open grown black cherry . Juneberry. Scotch and red pine volunteer saplings. Blackberry.
110	3204 - Mast Producing Shrub	4.7	Notes from TLW 1/25/08 - Pole and sapling black cherry. Some pole quaking aspen. Some pole sugar maple. Blackberries and staghorn sumac.
112	3204 - Mast Producing Shrub	17.9	Notes from TLW 1/25/08 - Pole and sapling black cherry. Some pole quaking aspen. Some pole sugar maple. Blackberries and staghorn sumac.