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Inventory Method: IFMAP

Pg. 1

	Level 4 Cover Type	Size Density	Acres	Multi- Stored?	1st Age	Canopy Closure	BA Range	Upland / Lowland
2	6120 - Lowland Cedar	Medium Density Pole	10.9	No	112	50-75	111-140	Lowland
General Comments:	Small amounts of paper birch, basswood. Fair amount of blowdown.							
Mngt Comments:	Shore-to-Shore Trail crosses the stand, including a wooden foot bridge. Stream runs through the stand, with an old RR grade paralleling the stream. Deer yarding.							
3	4110 - Sugar Maple Association	High Density Log	26.5	No	88	75-100	111-140	Upland
General Comments:	Small amounts of red oak, yellow birch, black cherry. Middling quality hardwoods. Little CWD, snags, or vertical diversity. Red maple and quaking aspen are on lower part of slope at NW end of stand. Scattered understory hemlock.							
Mngt Comments:	hillside stand							
4	4130 - Aspen	High Density Pole	20.7	No	31	75-100		Upland
General Comments:	Scattered red oak, sugar maple, black cherry, white ash poles.							
Mngt Comments:	Shore-to-Shore Trail through the stand.							
6	4110 - Sugar Maple Association	Low Density Log	70.3	Yes		25-50	51-80	Upland
General Comments:	Variable mosaic of mature hardwoods, pockets of polewood, and hardwood regeneration patches. Many of the mature sugar maple and basswood are multi-stemmed, low to medium quality. Best to let the stand grow, rather than to try harvesting the older trees and risking damage to the younger stock. A few white pine, red oak are present. Could possibly underplant or fill-in plant some hemlock, white pine, or oak.							
Mngt Comments:	Shore-to-Shore Trail through the stand.							
7	4110 - Sugar Maple Association	High Density Log	86.4	No	108	75-100	81-110	Upland
General Comments:	Scattered older, larger sugar maple. Little CWD. Good quality sugar maple and basswood. Scattered understory hemlock poles, mostly on the steep slope down to the stream at the north end of the stand. Small amounts of bigtooth aspen, white birch, black cherry and white pine. Additional BA readings: 80, 170.							
Mngt Comments:	Shore-to-Shore Trail through the stand.							
8	4130 - Aspen	Medium Density Log	15.0	No	65	50-75	81-110	Upland
General Comments:	Clearcut aspen and red maple, leave white pine and most or all of the sugar maple. Some mortality beginning in the aspen. Slope will succeed to RM/WP if left uncut. Boundary with adjacent hardwood type to the north is indistinct on imagery; may be modified with field layout of timber sale.							
Mngt Comments:	Steep hill down to an abrupt edge with lowland conifers and old RR grade, with no good turnaround for logging equipment. Therefore slope is inoperable and should be left out of timber sale if this stand is harvested.							
9	4139 - Aspen, Mixed Deciduous	High Density Pole	12.0	No	31	75-100		Upland
General Comments:	Some hemlock present. Remnant white pine and a few red pine and hardwoods over aspen/red maple poles. Lots of winter deer sign adjacent to lowland conifers.							
Mngt Comments:								
11	6129 - Mixed Coniferous Lowland Forest	Medium Density Log	3.3	Yes		50-75		Lowland
General Comments:	A few red maple and black ash.							
Mngt Comments:	Stream and old RR grade through the stand, including an old earthen dam and drained pond along the grade.							



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Stand	Level 4 Cover Type	Size Density	Acres	Multi-Storied?	1st Age	Canopy Closure	BA Range	Upland / Lowland
12	6120 - Lowland Cedar	High Density Pole	1.0	No	148	75-100		Lowland
General Comments:	Some blowdown. Very dense cedar poles. A few yellow birch, tamarack. Supercanopy white pines.							
Mngt Comments:	Deer yarding; no understory or browse. Deer are feeding in adjacent stands.							
13	4199 - Other Mixed Upland Deciduous	Medium Density Pole	76.7	Yes		50-75	51-80	Upland
General Comments:	Sparse, low quality hardwoods with a dominant ironwood subcanopy. Some advanced sugar maple regeneration in places. Irregularly distributed pockets of aspen with some mortality. Many options for this stand, including: 1) clearcut with residuals, 2) patch cuts for aspen regeneration, 3) shelterwood or seed tree type cut, or 4) let it grow with aspen falling out and hardwoods increasing over time.							
Mngt Comments:								
14	4112 - Maple, Beech, Cherry Association	High Density Pole	27.5	No	79	75-100	81-110	Upland
General Comments:	Trace amounts of quaking aspen, white ash, beech, and understory hemlock poles. Little CWD. Some snags, mostly in the pole sized black cherry. Additional BA readings: 50, 130.							
Mngt Comments:								
19	4119 - Mixed Northern Hardwoods	Medium Density Pole	47.5	No	76	50-75	81-110	Upland
General Comments:	Good quality red oak, medium sugar maple, poor cherry, red maple. Quaking aspen in scattered patches. BA and canopy closure a little low for thinning, so wait 10 years, then release better maple and oak, and/or patch cut around aspen. (BA readings taken: 90, 110, 90, 180, 90, 70, 60; average 99). Small amounts of hemlock, ash.							
Mngt Comments:								
20	42140 - Planted Mixed Pine	Medium Density Log	7.1	No	59	50-75	200+	Upland
General Comments:	Five rows of mixed pines in a roadside planting. Could remove middle row plus marked trees in adjacent rows. Canopy closure is 100% within the planting, but the stand includes the adjacent road, so canopy closure noted is lower.							
Mngt Comments:	Some slash removal would be needed if harvested for aesthetics.							
21	42290 - Natural Mixed Pine	Low Density Pole	4.1	Yes		25-50	51-80	Upland
General Comments:	Open-grown mix of pines, mostly are probably volunteers seeded in from roadside plantation into an old field. Very limby, variable density and age. Some openings. Scattered cherry.							
Mngt Comments:								
23	4310 - Pine, Oak Mix	High Density Pole	3.5	Yes		75-100	81-110	Upland
General Comments:	Remnant white pine and oak trees over mixed regeneration poletimber. A few white oaks, too. Age is from a larger white pine.							
Mngt Comments:								
24	42260 - Natural Pine, Mixed Deciduous	High Density Log	1.4	No	61	75-100	171-200	Upland
General Comments:	Age is estimated from a core that did not reach the pith. Some trees may be considerably older.							
Mngt Comments:	riparian zone							



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Level 4 Cover Type	Size Density	Acres	Multi- Storied?	1st Age	Canopy Closure	BA Range	Upland / Lowland
25	6127 - Lowland Pine Medium Density Pole	2.0	No	21	50-75		Lowland
General Comments:	Brushy white pine, some weeviling. A few balsam poplar.						
Mngt Comments:	riparian zone						
26	4123 - Red Oak Medium Density Pole	16.2	No	39	50-75	1-50	Upland
General Comments:	Nice oak-pine mix, with an uncommon age class of oak. Let it grow. Some small openings within stand.						
Mngt Comments:							
27	4130 - Aspen Medium Density Pole	12.4	No	45	50-75		Upland
General Comments:	Some hemlocks along old RR grade.						
Mngt Comments:	Old RR grade through stand. Riparian zone.						
28	4119 - Mixed Northern Hardwoods Low Density Log	7.8	No	91	25-50	1-50	Upland
General Comments:	2-storied: remnant hardwoods over hardwood saplings and seedlings. Much of the remnant overstory is poor quality, probably resulting from high-grade logging, but some of the red oak are decent. This tract was acquired since the last entry period from a private party. Notes on file indicate a timber sale by that party in or about 1988. Some oak poles and saplings, maple seedlings coming in. A few overstory cherry, aspen.						
Mngt Comments:							
29	4130 - Aspen High Density Pole	68.3	No	35	75-100		Upland
General Comments:	Scattered beech, white oak. Aspen varies considerably in density, diameter across the stand. Some blocks should be harvestable next entry period. Sparser aspen in low areas and shallow draws. Variation may be due to topography, soils, or past fire history. Remnant oak throughout.						
Mngt Comments:							
30	4110 - Sugar Maple Association High Density Pole	6.6	No	84	75-100	81-110	Upland
General Comments:	Medium quality hardwoods. Numerous hardwood seedlings and a few white pine. Small amount of beech, cherry in overstory.						
Mngt Comments:							
31	42110 - Planted Red Pine High Density Log	4.2	No	51	75-100	141-170	Upland
General Comments:	Stand has been row thinned; crowns re-closing. Ready for a marked thinning. A few hardwood seedlings, otherwise barren understorey. RP site index trees: 59' on 12.0" dbh, 63' on 9.3" dbh, 63' on 10.8" dbh.						
Mngt Comments:							
34	4122 - Oak, Pine Medium Density Log	15.9	No	96	50-75	81-110	Upland
General Comments:	Two-aged stand: old remnant oak and white pine over mixed polewood, and some additional white pine regenerating in understorey.						
Mngt Comments:	Stream braids present in SW part of stand.						



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	Level 4 Cover Type	Size Density	Acres	Multi- Stored?	1st Age	Canopy Closure	BA Range	Upland / Lowland
36	4130 - Aspen	High Density Pole	100.1	No	46	75-100		Upland
General Comments:	Some patches of slightly larger aspen, e.g. west side near private gas well. Consider harvesting some blocks this entry period to diversify age classes. West side: 2.2 acre inclusion of mixed hardwoods: RM, SM, BC, AB, IW, poles and logs.							
Mngt Comments:								
37	4139 - Aspen, Mixed Deciduous	High Density Log	8.4	No	76	75-100	81-110	Upland
General Comments:	Could thin, especially if you want to capture some of the scattered older bigtooth aspen; otherwise let go for 10 years and let aspen mature for wildlife value; or clearcut with residuals for aspen regeneration. some patches of 45 year old aspen within stand as well. Understory WP in pockets. Scattered basswood, red oak.							
Mngt Comments:								
38	4130 - Aspen	High Density Pole	8.9	No	36	75-100		Upland
General Comments:								
Mngt Comments:	riparian zone							
39	4116 - Mixed N. Hardwood - Aspen	High Density Log	6.3	No	83	75-100	81-110	Upland
General Comments:	Good quality sugar maple, especially in south end of stand. Small amounts of cherry, beech, basswood.							
Mngt Comments:								
40	42260 - Natural Pine, Mixed Deciduous	High Density Log	10.5	No	63	75-100	141-170	Upland
General Comments:	Mostly older aspen, but some younger poles in N part of stand. Could do a marked thinning. Fairly open understory. Needs stage 2 data.							
Mngt Comments:	Old RR grade through stand.							
41	4131 - Aspen, Oak	High Density Log	11.4	No	42	75-100	81-110	Upland
General Comments:	A few sugar maple. Mosaic of older hardwoods and oak, pole sized oak, and aspen, with a few sparse, semi-open patches. Could cut for aspen regeneration and/or to release oak poles.							
Mngt Comments:								
42	42260 - Natural Pine, Mixed Deciduous	Medium Density Log	1.3	Yes		50-75	81-110	Upland
General Comments:	A few white oak, bigtooth aspen.							
Mngt Comments:	riparian zone							
43	4130 - Aspen	High Density Pole	6.4	No	44	75-100		Upland
General Comments:	Trace amounts of red maple, white ash, cherry. Little CWD, few snags. Could clearcut if desired for local age class diversity, retaining some or all of the scattered mature hardwoods and veteran white pine. Otherwise, will hold for 10 more years.							
Mngt Comments:								



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	Level 4 Cover Type	Size Density	Acres	Multi- Stored?	1st Age	Canopy Closure	BA Range	Upland / Lowland
44	4133 - Aspen, Mixed Pine	High Density Pole	3.6	No	46	75-100		Upland
General Comments:	White pine varied in size, age. Scattered hardwoods: red maple, sugar maple, beech, white ash. Numerous mixed hardwood seedlings: sugar maple, ironwood, beech.							
Mngt Comments:								
45	42260 - Natural Pine, Mixed Deciduous	High Density Log	4.9	Yes		75-100	51-80	Upland
General Comments:	White pine quite variable in size and age.							
Mngt Comments:								
46	4311 - Pine, Aspen Mix	High Density Log	25.2	Yes		75-100	111-140	Upland
General Comments:	White pine quite variable in size and age. Some larger, older aspen in west end of stand. Could cut out aspen, lightly thin pine. Trace of red oak.							
Mngt Comments:								
49	4123 - Red Oak	High Density Log	3.0	No	101	75-100	81-110	Upland
General Comments:	Age estimated from partial increment core. Big old oaks succeeding to red maple/white pine. Possibly a chance for oak regeneration treatment via understory removal and shelterwood cutting. May want to treat this small stand with the larger adjacent stand in the compartment to the east in it's year of entry. A few beech, white oak.							
Mngt Comments:	riparian zone north end of stand							
50	4130 - Aspen	High Density Log	2.7	No	77	75-100	111-140	Upland
General Comments:	Some cavities, snags in aspen, Wp seedlings throughout. No stage 2 needed. Scattered black cherry.							
Mngt Comments:	Some mortality in bigtooth aspen.							
51	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	4.7	No	80	75-100	111-140	Upland
General Comments:	Could thin, but small acreage. Trace of red oak.							
Mngt Comments:								
52	4139 - Aspen, Mixed Deciduous	High Density Pole	11.7	No	47	75-100	111-140	Upland
General Comments:	Aspen is patchy in distribution, but occurs throughout the stand. Some larger bigtooth aspen in places. Quaking aspen patch in the NE corner. Scattered white pine regeneration. Hardwoods appear multi-aged. Small amounts of basswood, cherry, and beech.							
Mngt Comments:								
53	42110 - Planted Red Pine	High Density Log	12.8	No	51	75-100	141-170	Upland
General Comments:	Hardwood seedlings coming in well: cherry, beech, ironwood, sugar maple. Aspen is along the intermittent stream. RP site index trees: 72' on 10.5" dbh, 62' on 10.7" dbh, 64' on 10.8" dbh.							
Mngt Comments:	Intermittent stream runs through the stand.							



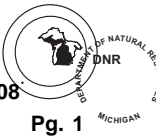
	Level 4 Cover Type	Size Density	Acres	Multi- Storied?	1st Age	Canopy Closure	BA Range	Upland / Lowland
54	4130 - Aspen	High Density Log	3.3	No	66	75-100		Upland
General Comments:	Trees are smaller, younger at north end of stand. Trace of white ash.							
Mngt Comments:								
56	4110 - Sugar Maple Association	Medium Density Log	1.4	No	82	50-75	81-110	Upland
General Comments:	Poor quality hardwoods. Much of the sugar maple is multi-stemmed.							
Mngt Comments:	Intermittent stream at the northe edge of the stand.							



Stand	Cover Type	Acres	Gen Cmts:	Mgt Cmts:
1	50 - Water	1.2	Bronson Lake	
5	3105 - Mixed Upland Herbaceous	1.1	Consulted with area forester and previous inventory. No maintenance needed at this time. Future timber harvests could be utilized to remove any encroachment in the opening during harvest operations	
10	3301 - Low Density Deciduous Tree	3.0	No maintenance needed at this time. Future timber harvests could be utilized to remove any encroachment in the opening during harvest operations	Consulted with area forester and previous inventory. This non-forested stand is near private property to the north and east.
15	3105 - Mixed Upland Herbaceous	2.2		Consulted with area forester and previous inventory. Selectively hand fell woody encroachment to maintain upland brush/grassland community. Leave scattered mast producing trees and shrubs and/or conifers for wildlife food and cover.
16	3105 - Mixed Upland Herbaceous	12.2	Also, post completion of adjacent timber harvest - Carry forward previous inventories prescription of planting several rows of white spruce in understorey of uncut portions of stand 13, for winter cover.	Post completion of adjacent timber harvest - Selectively hand fell woody encroachment to maintain upland brush/grassland community. Leave scattered mast producing trees and shrubs and/or conifers for wildlife food and cover.
17	3105 - Mixed Upland Herbaceous	1.5		Consulted with area forester and previous inventory. Selectively hand fell woody encroachment to maintain upland brush/grassland community. Leave scattered mast producing trees and shrubs and/or conifers for wildlife food and cover.
18	3303 - Mixed Low Density Trees	3.4		Consulted with area forester and previous inventory. Adjacent to Fewins Rd with several rows of mixed pine planted along road. No maintenance needed.
22	3303 - Mixed Low Density Trees	3.5		Consulted with area forester and previous inventory. Adjacent to Fewins and Reynolds Rds with several rows of mixed pine planted along road. No maintenance needed.



Stand	Cover Type	Acres	Gen Cmts:	Mgt Cmts:
32	3105 - Mixed Upland Herbaceous	2.3		Consulted with area forester and previous inventory. This non-forested stand is essentially the break in canopy cover created by a forest road. No maintenance needed.
33	6229 - Mixed lowland shrub	10.4	Consulted with area forester and previous inventory. Shrubs consisted mainly of alder and lowland willow spp. Alder is young and currently in good shape.	Sherman Creek flows through this stand.
35	3303 - Mixed Low Density Trees	3.2	Nice semi-open draw within an aspen stand.	Consulted with area forester and previous inventory. Selectively hand fell woody encroachment to maintain upland brush/grassland community. Leave scattered mast producing trees and shrubs and/or conifers for wildlife food and cover. Foot access over short distance from Douglas Rd.
47	3105 - Mixed Upland Herbaceous	1.1		This non-forested stand is essentially the break in canopy cover created by a forest road. No maintenance needed.
48	3105 - Mixed Upland Herbaceous	2.0		Consulted with area forester and previous inventory. Selectively hand fell woody encroachment to maintain upland brush/grassland community. Leave scattered mast producing trees and shrubs and/or conifers for wildlife food and cover.
55	3105 - Mixed Upland Herbaceous	1.4		Consulted with area forester and previous inventory. Selectively hand fell woody encroachment to maintain upland brush/grassland community. Leave scattered mast producing trees and shrubs and/or conifers for wildlife food and cover.



SPECIAL CONSERVATION AREA* (SCA) DETAILS

Inventory Method: IFMAP

Stand	SCA Name	Acres
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* 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.

Comments