

* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acrs	Age	avg.		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D B H	Tot. BA								
1	A 3	A 1	10	6	1	0	72	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : A3 at S end, A1/ A2 at E and N end.														
2	V 0	V 0	6					bog or muskeg	nonstocked	N		not scheduled	0	
3	L 0	V 0	15	28			50	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Similar to st 215. 10-20% upland. Mostly L w/ 1-2 ac bog in NE corner. Residual mature oak scattered thru stand, about 10% of cover. Some young aspen. Appears stand was cut and water table raised.														
6	A 5	A 2	32	27	7	50	58	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Lot of oak seedlings.														
7	E 9	E 2	269	78	10	80	55	swamp hardwoods	mature	N		not scheduled	0	
comnts Fmd : Too wet to harvest. Ridges are very sparse with bracken cover.														
8	E 9	E 1	67	82	12	100	50	swamp hardwoods	mature	N		not scheduled	0	
comnts Fmd : Uniformly very wet. Swamp grass/sensitive fern cover. Green ash.														
9	E 2	L 0	22	25	3	0	60	swamp hardwoods	immature	N		50-59 years	0	
comnts Fmd : VERY LITTLE REGENERATION														
10	E 5	E 1	23	82	8	40	50	swamp hardwoods	mature	N		not scheduled	0	
comnts Fmd : More forested portion of old st 10: 110 was broken out of this stand because sparser and smaller trees.														
11	A 4	O 3	51	26	4	30	55	oak	immature	N		20-29 years	0	
comnts Fmd : Really an oak site and a poor aspen stand. Remove aspen at maturity and let oak mature. Therefore repro status of zero-Oak. Good oak seedlings/saps and some supercanopy oak. '98 comments: D-7 CUTTING 1968 AND BURNED 1992														
12	E 6	E 2	46	88	9	130	62	swamp hardwoods	mature	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Too wet														
comnts Fmd : Too wet to harvest, although nearly dry today. NE end sparser and smaller ash w/ medium dense winterberry: wetter.														
13	A 4	O 3	28	40	7	30	58	red pine	immature	N	final harvest	within 0-9 years	1	planting
comnts Fmd : Final harvest reserving all oak. Early harvest due to poor aspen vigor. Trench/plant R, which is recommended spp to plant on Greyling soil). Will be R/J/A: any combo is ok. Same soil as R stand 14 just across power line clearing. J in stand has good SI.														
14	R 9	O 2	2	60	14	200	70	red pine	mature	Y	final harvest	within 0-9 years	1	planting
comnts Fmd : Good, High SI red pine site. >50% of trees are close to being too large for sawlogs. Final harvest with reserves and replant to red pine. Will be red pine stand with an oak component; any mix of oak/pine/maple acceptable.														
15	A 3	O 2	21	28	3	0	50	aspen (upland)	immature	N		10-19 years	0	
comnts Fmd : Low SI. May want to harvest early next YOY to ensure regen.														

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					B H	Tot. BA								
16	A 3	A 3	33	5	1	0	55	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Areas w/ very high stem density, areas wet w/ swamp grass. CLEARCUT Stand was harvested in the winter of 2002/2003														
18	A 5	M 3	29	41	6	40	65	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Good site. Small patches of E.														
19	M 9	M 2	93	85	13	100	68	northern hardwood	mature	N	selection	within 0-9 years	1	
comnts Fmd : Most of aspen has died. Uniform oak seedlings 6 ft tall on ave. Single tree selection: mark removal trees to reduce BA to 70. Favor removal of ash, especially large ash, for EAB, then aspen. Do not cut oak, white pine, hemlock, yellow birch or cedar of any size. Don't include cedar drain at NW corner. 1/3 of stand in E central along highway and long strip adjacent to stand 1 is true E; do not cut. Harvest area will be roughly 60 ac. Next YOE consider a shelterwood after stand becomes more windfirm. On moderately well drained Rubicon-Iosco association soils. WP stumps. Expect maple and oak stand with maple and oak regeneration. Any combination of these species is acceptable. Mark for logability.														
21	P 4	L 0	31	68	9	40	55	balsam poplar & swamp aspen and swamp white birch	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Too wet Influence zones														
comnts Fmd : Adjacent to I-75. Aspen decadent. Almost as much RM & Oak. Dense Tag alder and winterberry.														
30	A 4	A 3	33	24	4	30	65	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Ground cov bracken, forbs. Some maple in understory.														
31	P 4	A 3	21	24	4	20	65	balsam poplar & swamp aspen and swamp white birch	immature	N		20-29 years	0	
comnts Fmd : Variable stand: 20% dense upland A4/3. 5-10% open w/ bracken and scattered wp, rest P w/ RM understory and moderately dense winterberry.														
32	L 0	L 0	6		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Late successional L: Ash, maple seeding in.														
33	A 4	A 3	32	24	4	20	65	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : SE end has few small N ypes and dense maple understory, and 2 small white pine patches. NW end has bracken/sedge grnd cover w/ hazel.														
35	A 4	A 3	20	24	4	20	65	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Red maple and birch a component of over and understory, oak (r and w) in understory. Some sensitive fern in low areas.														
36	A 3	E 3	12	24	3	0	65	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : SE part of stand is E w/ rag alder. NW is very dense aspen w/ bracken. Dense winterberry in places.														
37	P 3	E 1	10	24	3	0	65	balsam poplar & swamp aspen and swamp white birch	immature	N		20-29 years	0	
comnts Fmd : Grades from A to P. Some ash in low areas (<2%). Red maple understory.														

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					D B H	Tot. BA								
39	A2	O1	7	17	1	0	72	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Mxd deciduous: O, RM and Birch, some sweet fern.														
40	A2	A2	32	5	2	0	72	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Severe knapweed along road.														
41	A3	O1	21	17	2	0	72	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Dense aspen w/ some O on ridges, P2 with RM, B and O in low areas (60-70% of stand). Self thinning in dense areas. Some WP in vicinity of st 51, and about 3 ac buffer fro HW 75 with oak, pine, aspen and maple.														
44	A2	A2	7	5	2	0	72	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Severe knapweed along road.														
46	A3	A3	40	17	3	0	72	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : GC bracken and forbs. Severe knapweed along trail and some autumn olive.														
49	T2	L0	5	20	3	0	50	tamarack	immature	N		40-49 years	0	
comnts Fmd : bog or muskeg nonstocked														
51	V0	V0	2			0		bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : CLEARCUT Harvest complete in winter of 2001/2002														
55	A2	E1	14	6	1	0	72	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : CLEARCUT Sale Unit completed in winter of 2001/2002.														
56	A2	N0	19	6	1	0	72	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Dense regen w/ good grass and hazel understory. CLEARCUT stand was harvested in the winter of 2002/2003														
57	A3	A3	20	5	1	0	72	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Does not correlate spatially to old stand 58, which was high SI aspen final harvested in 2003														
58	L0	N0	3		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : CLEARCUT 2003. N end sparse w/ lot of maple and residual hemlock. Most of stand upland w/ dense A regen and some oak.														
59	A3	E2	31	5	1	0	72	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : stand was clearcut in the winter of 2002/2003. Excellent regen. Trace of oak supercanopy, but almost pure A.														
60	A3	A3	48	5	1	0	72	aspen (upland)	immature	N		40-49 years	0	

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					B	Tot. BA								
61	A3	A3	14	5	1	0	60	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Clearcut 2003. Excellent regen; very high stem density. Maple understory. Ground cover varies from grass to hazel.														
64	G0	G0	6			0	72	grass	nonstocked	N		not scheduled	0	
comnts Fmd : Stand was clear cut in the winter of 2002/2003. Regen has failed under a dense bracken cover.														
65	L0	L0	15					lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Stand was clear cut in the winter of 2002/2003. Regen has failed under a dense bracken cover.														
66	O5	M1	12	25	9	40	53	oak	immature	N		50-59 years	0	
comnts Fmd : Oak is poor quality red/pin hybrid. Aspen is decadent. Poor site: sparse but diverse with tamarack, white pine, birch, oak and red maple.														
67	E7	L0	9	82	10	30	50	swamp hardwoods	mature	N		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Too wet														
comnts Fmd : Ground cov marsh grass. Too wet to cut.														
68	E6	E2	24	60	8	120	55	swamp hardwoods	immature	N		20-29 years	0	
comnts Fmd : Almost pure ash. Too wet to cut. E4/L in center.														
69	L0	N0	93					lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : gc marsh grass. 3-4 ac upland in SE corner.														
70	M4	M3	19	43	5	30	46	northern hardwood	immature	N		30-39 years	0	
comnts Fmd : Diverse stand. A4/T3/L at S end, much denser 2 storied M4/M3 at middle and N end. Ground cover varies from tag alder to bracken.														
71	E6	O2	11	73	9	80	60	swamp hardwoods	two aged	N		10-19 years	0	
comnts Fmd : Near I-75. NE end very wet w/ moslty ash. Central portion lower BA and wet with some white pine in understory. West 1/2 m type w/ bracken and oak understory.														
73	A4	A3	5	40	4	30	52	aspen (upland)	immature	N	final harvest	within 0-9 years	2	
comnts Fmd : Final harvest early. Dry/frozen, dormant specs non-negotiable. Leave all oak for retention. Poor vigor. This stand same as 81. May have hypoxylon: low level of mortality in stand. Expect aspen/oak stand. Plant jack pine if regen fails.														
74	L0	L0	10					lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : late successional: trees coming in. May be forested next YOY.														
75	L0	N0	12					lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : late successional: trees coming in. May be forested next YOY.														
76	O4	L0	6	40	5	30	54	oak	sparse	N		40-49 years	0	
comnts Fmd : West side of truck trail little drier with a few aspen. E side is wetter. Red M and Oak in understory. CUT BY D-7														

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					B	Tot. BA								
78	O 8	M 2	19	50	9	60	60	red pine	two aged	N	final harvest	within 0-9 years	2	planting
comnts Fmd : Final harvest RIDGE ONLY, reserving red pine and oak for retention. Interplant red pine if regen is inadequate. Expect oak/maple stand with some aspen. Any percentage mix of these species is acceptable. Oak ridge around N, E and S edges with diverse older R, O, A with medium-low SI. W central portion is M5 with M, O, A and B and some E type patches. Grnd cov bracken, G on ridge, L in E type patches.														
79	A 3	A 3	10	5	1	0	60	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : clearcut winter 2002/2003. Regenerated well. SI higher than previously indicated based on observation of regen.														
81	A 5	A 3	15	40	4	50	50	aspen (upland)	immature	N	final harvest	within 0-9 years	2	
comnts Fmd : Low vigor/SI. Final harvest early to release oak and ensure regen of aspen. O2 sap/seed ground cover. Dormant and dry/frozen spec non-negotiable. Use sapling protection spec for oak. Expect aspen regen and release of oak advanced regen: oak component of new stand should be much higher. Any combo of A/O is acceptable.														
82	R 6	O 1	8	48	9	200	55	red pine	immature	Y	shelterwood-prep	within 0-9 years	1	
comnts Fmd : Shelterwood harvest, reducing BA to 80. Narrow enough that rows are not needed. Mark leave trees with green. Retain larger trees (BA 9 to 14"). Don't remove oak (don't mark). Variable density. Low vol but easy access. Thinning will fatten trees, which are near sawlog size. Ground cover oak seedlings, duff, grass.														
83	A 6	E 2	17	40	8	90	58	aspen (upland)	mature	N	final harvest	within 0-9 years	2	
comnts Fmd : Low SI. Harvest early to help ensure good regen. Leave oak and pine for retention (saw 1 R). Harvest dry/frozen/dormant non-negotiable to max stem density. Getting toward decadent and parts of stand are sparse. Do not harvest N end: too wet and trees are sap sized. Should regenerate to aspen/maple/oak. Any mix of these species is acceptable. Plant jack pine if regen fails.														
84	L 0	N 0	8			0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : willow and marsh grass														
85	G 0	G 0	16		0	0	50	grass	nonstocked	N		not scheduled	0	
comnts Fmd : Stand has good access. There is pine in stand with SI of about 50. Ground cover bracken. <10 BA of aspen, red maple, red and jack pine, and tamarack. Small drainage in center with tamarack/alder. N end is well drained Au Gres soil, S end is poorly drained Saugatuck. Could be planted but too small to be economically feasible per TMS.														
86	T 2	M 1	9	40	4	0	45	tamarack	immature	N		30-39 years	0	
comnts Fmd : Dense T to pure bracken, almost 10 BA of RM, scattered O and B. New T still seeding in.														
87	L 0	N 0	144		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : L with widely scattered oak, aspen, maple. Mostly tag alder. Patches of v type. Poorly drained roscommon soil.														
88	G 0	V 0	59		0	0	55	red pine	nonstocked	N		within 0-9 years	0	planting
comnts Fmd : Interplant J, white spruce or red pine (in order). Aspen has low SI. Cover bracken, L, V, E about 7% aspen, oak maple.														
104	P 4	L 0	28	56	5	10	48	balsam poplar & swamp aspen and swamp white birch	low quality	N		not scheduled	0	
comnts Fmd : YOO estimate because broken out of G type stand with no stand history. Not merchantable or accessible. Understory is tag alder, willow, dogwood, honeysuckle, and V.														

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					D B	Tot. BA								
110	E 4	L 0	16	82	5	10	50	swamp hardwoods	immature	N		not scheduled	0	
comnts Fmd : Same comment as in '98: patches of ash, 50% stocked. Probably cut same time as st 10 but took much longer to establish tree cover, therefore st condition 5.														
111	A 3	A 3	24	26	3	0	55	aspen (upland)	low quality	N		20-29 years	0	
comnts Fmd : Mortality occurring because of hypoxylon, poor site and competition. Determine in 2018 if stand will be merchantable at age 40. If so early harvest then. If not, early harvest in 2018 and trench/plant jack pine.														
112	E 6	E 2	12	88	9	150	62	swamp hardwoods	two aged	Y	shelterwood-prep	within 0-9 years	2	
comnts Fmd : Drier part of former stand 12. Shelterwood harvest, reducing BA to 50. Favor removal of ash, especially largest ash, even over aspen. Reduce ash BA for EAB. Harvest dry/frozen non-negotiable. Stand could be cut today and this has been wet summer. Ground cover bracken, swamp grass, forbs. Will remain E type: regen should be heavier to maple with some ash, oak and aspen. Any mixture of these species is acceptable.														
113	A 6	M 3	33	40	9	110	68	aspen (upland)	nonstocked	N		10-19 years	0	
comnts Fmd : Good aspen. Oak seedlings part of ground cover. SI estimated. SW portion W of stand 405 is sparse.														
115	L 0	V 0	6					lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd :														
144	L 0	N 0	2					lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Very shallow water, 10-20% willow, rest honeysuckle and swamp grass.														
168	E 4	E 2	5	44	6	30	51	swamp hardwoods	immature	N		40-49 years	0	
comnts Fmd : tag alder understory														
169	E 4	L 0	60	78	5	20	42	swamp hardwoods	immature	N		not scheduled	0	
<u>Treatment Limiting Factors:</u> Too wet														
comnts Fmd : 30% mortality, not from EAB. E end closer to L. Grnd cov marsh grass. Not a commercial stand.														
204	D 0	D 0	35					treed bog	nonstocked	N		not scheduled	0	
comnts Fmd : Stunted aspen patches scattered through stand.														
211	O 8	O 2	17	78	13	50	60	oak	mature	Y	seed tree	within 0-9 years	2	
comnts Fmd : Seed tree harvest: leave 20 BA white and pin/red oak seed trees. Orange mark take trees. Sell negotiated without red line per unit manager. Good oak seedlings/saps throughout stand; harvest should release oak. Interplant red pine if deer overbrowse oak seedlings (do not anticipate). Mixed deciduous includes white oak, red maple and white pine. Do not cut pine.														
215	A 1	O 1	16	28	2	0	45	aspen (upland)	low quality	N		20-29 years	0	
<u>Treatment Limiting Factors:</u> Inferior quality														
comnts Fmd : SI much lower than 60 based on quality of current stand. Patches of poor quality A3, scattered residual mature oak, and oak seedlings. Understory V, winterberry, bracken. 60% upland. 5 ac oak/pine ridge at E end.														
304	V 0	V 0	23					bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : Bog w/ highbush blueberry/leatherleaf with scattered stunted aspen. SE roughly 6 ac is A3 with oak.														

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403	G 0	L 0	40			0	46	grass	nonstocked	N		not scheduled	0	
comnts Fmd : Very diverse stand. About 15 acres are well drained rubicon soils and accessible from stand 46. One patch of J has low SI (46-50). L in places (tag alder and honeysuckle). Tamarack and oak slowly seeding in. Low areas are somewhat poorly drained Au Gres soils. 15 ac are plantable, but not economically feasible per TMS.														
405	G 0	G 0	7			0	60	grass	nonstocked	N		not scheduled	0	
comnts Fmd : Rye crop doing well.														
424	G 0	G 0	24			0	60	grass	nonstocked	N		not scheduled	0	
comnts Fmd : GAS LINE 313-963-6273 SAGINAW BAY. Road has large depressions in places and is currently impassible in places.														
490	G 0	G 0	10			0	55	grass	nonstocked	N		within 0-9 years	0	other - specify in remarks
comnts Fmd : Sand blowout from vehicles. Low level dumping. Severe knapweed. Close road after tsales and rehab.														
Total Acres..... 2232														