



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	42220 - Natural Jack Pine	High Density Pole	54.3	59	51-80	Progressing JP mortality a concern (in BA swings: 40BA dead, 20BA dead, 20BA dead), canopy gaps, variable stocking, DWD recruiting, sedge, low blueberry circa boles, not enough oak or JP saps to record as subcanopy across stand, yet there is O1 to the SW where there are a few mature oak seed sources.
5	42220 - Natural Jack Pine	High Density Pole	24.5	54	1-50	Primarily JP poles with scattered older log-sized stems. Variable stocking in JP & oak saps. Sedge & low blueberry likely in gc. Pocket of WP saw with survey corner witness tree along river in NW of stand.
7	4191 - Mixed Upland Deciduous with Conifer	Medium Density	14.8	17		Cut in early 1992 under #045-91. Variable stocking and species composition, but generally sapling-sized: JP, cherry brush, oak stump sprouts, and pockets of aspen with black canker. NW portion within the Natural Rivers Zone. Beaver are reducing the aspen component near the river corridor.
8	4125 - Black, N. Pin Oak	High Density Pole	5.2	66	51-80	New stand added. A few TOC-era oak, but generally 2 younger age classes: 70's & 40's, with nice single stem oak saps. 2 age classes of st-cl RM also, & scattered BTA stems. Scattered JP & RP also.
9	4199 - Other Mixed Upland Deciduous	High Density Log	12.8	77	81-110	Oak in good shape overall, JP & aspen decling. Mostly sideslope overlooking Jones Lk Rd, but also on ridgetop flats to NE (open & parklike there, almost exclusively RO & WO). Oak saps (mostly on sideslope) are shorter, more browsed, poorer stocking than in stand 12 to W.
10	42220 - Natural Jack Pine	High Density Pole	13.5	55		Narrow stand between Jones Lk Rd & hillside. Progressing JP mortality a concern, pockets of nice oak saps, scattered small saw NPO & WO generally in clumps. Few red maple, occasional white pine & beech saps.
11	42220 - Natural Jack Pine	Medium Density Pole	4.6	39		Patchy small pole/lg sap JP, scattered NPO of various sizes, g-inclusions, occasional JP sm saw. ring-ages 32 & 48. Borders N edge of young JP plantation.
12	4129 - Mixed Oak	High Density Pole	12.5	54	81-110	Aspen & jack pine dying out, Red & white oak doing well, nice oak large saps, oak trees in stump clumps, look younger than typical 80-90 (small RO saw cored 51); more recent than turn-of-century disturbance origin. Mostly on hillside overlooking Jones Lake Road.
13	4131 - Aspen, Oak	High Density Sapling	18.6	23		Nice BTA saplings, good oak sprouts, the inevitable RM sprouts, and scattered various-sized RP left from the 1985 harvest (#278-83). Approx. 3-acre inclusion of oak, red maple & aspen saps/poles/logs in the stand's SW near the private and bordering the flats. Hilly terrain, much overlooking Jones Lk. Rd across the young plantation.
14	4131 - Aspen, Oak	High Density Sapling	56.0	16		Aspen saplings, with oak stump sprouts and single stems, red maple stump sprouts, and occasional JP saps. Cut in early '93 under #44-91.
15	4191 - Mixed Upland Deciduous with Conifer	Medium Density	5.4	17		Variable stocking and species composition, but generally sapling-sized: JP, aspen, nice oak stump sprouts, red maple stump sprouts, & cherry brush. Cut in early 1992 under #045-91.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
16	4124 - Red with White Oak	High Density Log	34.3	65	81-110	Decent dominant RO stems, fair proportion of suppressed oak stems, especially in the WO. RM stump clumps. Relatively open below except for witchhazel. Scattered BTA clones & outlier stems. Flat to shallowly rolling terrain. Few RP saps from single seed source to N. Quality decreases to N, with more poor form oak saw.
17	4131 - Aspen, Oak	High Density Sapling	52.2	27		Large sap BT aspen, nice oak stump sprouts (some stems merch) up there with the aspen, red maple stump sprouts, occasional JP saps. Sub-canopy of smaller seed-origin oak saps below. Was cut winter of '81/'82 under #55-81A. Stand 22 within the fence was part of the same harvest.
18	4131 - Aspen, Oak	High Density Sapling	12.6	23		Within MPRC Range 30 fence. Similar species mix as N of fence, but older. Nice oak stump sprouts up there with the aspen. Was cut in '85 under #278-83-1.
19	4126 - White, Black, N. Pin Oak	High Density Log	5.2	84		Within MPRC Range 30 fenced area. Used age from previous inventory of similar type north of the fence.
20	4124 - Red with White Oak	Medium Density Log	23.1	74		Mixed regen in canopy gaps, with range-related fire origin likely. Stand age from the last YOE that the range interior was accessible (3 YOE's ago).
21	4129 - Mixed Oak	Medium Density	18.4	12		Stand age estimated; may have been cut along with stand 23 in 1996 under 720449602, but could also have been burned more recently.
22	4124 - Red with White Oak	High Density Log	9.0	84	1-50	Was prescribed to be seed tree cut with adjacent oak type to W in Comp 237 (currently on contract under 726550701 Hill Side Seed).
23	4319 - Mixed Upland Forest	Low Density Sapling	13.8	3		Stand swapped from Non-Forested to Forested. Cleared swath along fence. Patches of aspen regen & oak stump sprouts with grass inbetween. Just enough of those species to ave out to 25+% and make forested. Age estimated - no cut records - appears to be maintained open for a fuelbreak inside the range fence.
24	4131 - Aspen, Oak	High Density Sapling	32.1	27		Cut in '81/'82 under #55-81A at the same time as stand 16 on the opposite side of the fence. Likely to have a similar species mix (mostly big tooth aspen, with red maple and oak)
28	4122 - Oak, Pine	High Density Log	16.3	77		Within fenced MPRC Range 30 area. Oak with aspen & pine. Appears on 1964 photo that the stand had been partially cut (likely a species-removal on aspen and older JP). Estimated age of oak overstory based on nearby cored oak in adjacent compt to west.
29	4131 - Aspen, Oak	High Density Pole	84.7	34		Aspen, probably small pole/large sap, with an oak component. Stand age is from the last YOE that the range interior was still accessible (3 YOE's ago).



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
30	4122 - Oak, Pine	Low Density Log	38.8	79		Within fenced MPRC Range 30 area. Appears to have a relatively open canopy of oak and jack pine over aspen and oak regen. Oak age from the last YOE that the range interior was accessible (3 YOE's ago), although there are likely to be multiple age classes, given the range's history of periodic fires.
31	42221 - Natural Jack Pine, Mixed Deciduous	Medium Density Pole	40.3	69		Within fenced MPRC Range 30 area. Jack pine, with oak and aspen likely associates. Stand age is from the last YOE when the range interior was still accessible (3 YOE's ago) however, given the range-associated fire history, there are likely to be younger age-classes within the stand.
32	4131 - Aspen, Oak	Low Density Pole	30.7	34		Stand age is from the last YOE that the range interior was still accessible (3 YOE's ago). Younger age classes are probably also present, given the range's periodic fire history.
34	42221 - Natural Jack Pine, Mixed Deciduous	Low Density Pole	45.3	45		Within MPRC Range 30 area. Appears to be a mix of JP and oak. The 1964 photos show the area recently cleared. Estimated the stand age to that year, although younger age classes are likely to be present, given the range's periodic fire incidence.
38	4129 - Mixed Oak	Medium Density Log	6.7	79		Within fenced MPRC range area. Stand age is from the last YOE when the range interior was still accessible (3 YOE's ago).
43	4122 - Oak, Pine	Medium Density Log	150.0	87		A small proportion of the overall stand could be seen from the south edge: heavy to NPO saw, with JP poles mixed in. Regen of both in understory. Notes from 30 years ago also indicate that there were small scattered aspen clones. Because of its location within the Range fence, the stand has likely seen periodic fire. Age is from the last YOE that the range interior was still accessible (3 YOE's ago).
44	42221 - Natural Jack Pine, Mixed Deciduous	Medium Density Pole	7.5	45		Within fenced Range 30. Appears similar to stand 47; mostly JP with scattered mature oak. Used stand 47's age as an estimate.
46	4126 - White, Black, N. Pin Oak	Low Density Log	14.0	87	1-50	Open canopy with nice mix of oak/aspen/RM/pine regen. Range-associated fire influenced. Periodic, mosaic fire coverage has resulted in regen that is variable in distribution, age, density & species mix. The fire influence has been reducing the BTA, JP, RM & RO overstory components. RM nearly eliminated from canopy. No cut records found on this stand; its more open canopy relative to the stand to the south appears to be due to heavier fire effects.
47	4199 - Other Mixed Upland Deciduous	Low Density Sapling	27.1	6		Cut January 2003 under 720350101. Mosaic of regen from cut: NPO stump sprouts, BTA root suckers, cherry brush, & scattered JP saps, interspersed with non-stocked areas.
48	4126 - White, Black, N. Pin Oak	Medium Density Log	36.6	87	51-80	Frequent range fire influence N of berm: more open canopy than S of berm, heavy to WO, & regen shorter overall with far less RM saps. RM nearly eliminated from the canopy. More distinct separation between canopy & subcanopy. Approximately 5-acre inclusion in NE with similar over- & understory oak components, just more surviving JP & RP there than what is scattered across the rest of the stand.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
49	42220 - Natural Jack Pine	Medium Density Pole	64.4	45		Small pole/large sap JP with scattered low density large pole JP, NPO & WO saw. JP more open-grown & shrubby to north. Few individual RP saw. NPO declining but providing seed source. Oak saps - some seed-origin, others stump sprouts - occur at lower densities than in adjacent JP stand to east. Additional age on small poles: 31 ring, 39 per chart, previous inventory: 49.
50	4126 - White, Black, N. Pin Oak	High Density Pole	37.5	89	51-80	New stand added. Split from type north of firebreak. Compared to stand north of firebreak, this stand has had lower fire frequency and the biggest effect is on the understory: there is less oak regen, although what is there has a wider range of height classes; there is more RM & JP sap regen; there are also more NPO poles (a majority suppressed) bumping this stand up a canopy closure level, and there are more snags and DWD. There are three roughly 1-acre aspen clone inclusions along the south edge. First age on WO small saw, second age on NPO from previous inventory.
51	42220 - Natural Jack Pine	High Density Pole	29.7	66		JP ranging from large sap/small poles to large pole/small saw. Mortality progressing in the older component. Scattered poor-quality NPO saw, fewer but better health WO, and small amount of unthrifty aspen. Similar to stand 53. Nice advanced oak regen, but not evenly distributed throughout stand. Additional age on 10" JP: 72, additional age from previous inventory: 69.
52	4131 - Aspen, Oak	Low Density Sapling	9.4	6		Cut January 2003 under 720350101. Aspen regen mostly in east third of stand, more open with oak stump sprouts & cherry brush to west. Type extends east into comp 239.
53	42220 - Natural Jack Pine	High Density Pole	2.5	67		JP ranging from large sap/small pole, to large pole/small saw, part of same type as stand to west (50) but separated by recent cut. Older JP component dying back. Scattered oak saw and a few TA poles along edge. Areas with nice oak regen. A few stems of WP & BF.



Stand	Cover Type	Acres	Gen Cmts:
2	320 - Upland Shrub	63.7	Cut in summer of 2002 under 720200101. Under FTP C72-470, was furrow-seeded to JP in October 2002, then hand-planted in May 2003 under the same FTP. Most of the seedlings were JP, but RP and WP were noted as being planted also. JP seedlings, 2-5' tall, 3' ave, not yet 25% cover, areas of poorer stocking & seedling development, particularly east of Jones Lake Road and also to west near Peters Road. Scattered cherry brush, NPO stump sprouts from cut.
3	122 - Road/Parking Lot	14.1	Paved county roads and cleared ROW's, Peters Road and Jones Lake Road.
4	622 - Lowland Shrub	4.9	E. Branch of the AuSable River and floodplain. Tag alder and willow over marsh grasses.
6	320 - Upland Shrub	15.6	Cut in summer of 2002 under 720200101. Under FTP C72-470, was furrow-seeded to JP in October 2002, then hand-planted in May 2003 under the same FTP. JP seedlings, 2-4' tall, generally less than moderate stocking, particularly in blocks west of Jones Lake Road. Scattered cherry brush, NPO stump sprouts from cut. Some big bkuestem visible above the snow; sedge & blueberry also likely.
25	310 - Herbaceous Openland	94.5	
26	710 - Sand, Soil	2.8	
27	710 - Sand, Soil	2.7	
33	710 - Sand, Soil	158.9	Stand includes portions outside the fence (access roads off North Down River Road and Jones Lake Road, and a wide sandy firebreak just outside the fence), and portions within the fence (a few buildings, the rest of the stand within the Range appears to be mostly open sand travel corridors.
35	320 - Upland Shrub	22.4	Within fenced MPRC Range 30 area. Likely to have scattered JP overstory, with patches of aspen/cherry regen. Experiences periodic fire.
36	320 - Upland Shrub	10.8	
37	710 - Sand, Soil	8.4	
39	320 - Upland Shrub	109.7	Within fenced MPRC Range 30 area. Likely to have oak, aspen, JP and cherry regen scattered across the upland opening. Sweetfern also likely. Experiences periodic fire.
40	310 - Herbaceous Openland	52.8	Within MPRC Range 30 complex. Large upland opening that experiences periodic fire. Likely to have scattered JP, oak, aspen and cherry regen, along with patches of sweetfern.
41	710 - Sand, Soil	11.2	Within fenced MPRC Range 30. From imagery, appears to be primarily exposed soil.



Stand	Cover Type	Acres	Gen Cmts:
42	320 - Upland Shrub	139.0	Within fenced MPRC Range 30 area. Likely to have low-density oak, aspen, JP and cherry regen scattered across the upland opening. Sweetfern also likely. Experiences periodic fire. Multi-part polygons separated by roadways.
45	310 - Herbaceous Openland	35.0	Cleared swath along inside of fence. Visible above snow: St. John's Wort, sweetfern, sedge or grass. Some improvements: observation tower, wooden benches.