



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
2	6118 - Lowland Deciduous with Cedar	Low Density Log	26.8	91	1-50	Stand was shelterwood cut in 2005. Variable density residual over young saps. Heavier stocked residual areas are generally wetter.
4	4134 - Aspen, Spruce/Fir	Medium Density	3.2	6		South end semi-open. North end thick saps. Cut through old opening in 2004 with Juneberry Island timber sale.
7	4112 - Maple, Beech, Cherry Association	High Density Log	464.4	100	81-110	<p>Areas of log/pole, and areas of pole/log. Bedrock at or near surface. Many boulders strewn throughout stand. Most not big enough to harbor walking fern, but there are some documented in the area. Some scattered softwood in the stand, including cedar, white pine, etc. Most of stand has thick understory. Marking would be best in these areas in spring or summer. Northern 1/2 and SW portion were thinned in 1994-1997. The middle chunk was thinned in 2004. Intermittant stream flows north to south in northeastern quarter of section 33. Was at least 3' deep in late April, but down 2' in early May. It will eventually flow entirely underground during most of spring, summer and fall. Champion showy mountain ash is within the stand. Former champion yellow birch presided within the stand before it succumbed to its tragic demise 2 years ago. Beech scale is bad on some trees (completely white washed), but there seems to be some resistance in some trees. Keep an eye out for those trees!</p>
8	4139 - Aspen, Mixed Deciduous	Medium Density	3.7	4		Very south end was an old borrow pit (gravel) - starting to fill in. Middle is thick saps. North end is semi-open. Was cut in 2004 as part of Juneberry Island timber sale.
9	4199 - Other Mixed Upland Deciduous	High Density Sapling	11.3	14		Some saps were left when cut, so some larger diameter trees present. Burdock along road. Road is bermed several times at north end, but ORV's still get through.
10	4116 - Mixed N. Hardwood - Aspen	Medium Density	8.7	5		Opening that was cleaned up with timber sale (Juneberry Island) in 2004. Part of area is still non-forested.
12	4199 - Other Mixed Upland Deciduous	High Density Sapling	8.0	14		Shallow to bedrock. Several forested rock outcroppings. Very rocky!
13	4112 - Maple, Beech, Cherry Association	High Density Pole	143.1	76	111-140	Mainly the SESE of section 33 which was acquired from Bethlehem Steel in 1996. More of a pole stand than the adjacent hardwoods. May have been cut harder in the past. Some scattered softwood within the stand including balsam fir, white spruce, cedar and white pine. Many boulders are strewn about the stand. Shallow to bedrock. Intermittant stream flows north to south in the eastern half of this stand.
14	42360 - Upland Cedar	Low Density Log	5.8	108		Seed tree cut in 2005. Cedar, hemlock, spruce and yellow birch left. Thick raspberries and blackberries. A few spruce and balsam seedlings <3'. Some cedar and spruce have blown down.
15	4139 - Aspen, Mixed Deciduous	Medium Density	6.3	3		Sugar maple saps are mainly residual saps from cutting. Regen is patchy. More level than stand to the north. Not as much rock outcropping.
17	4113 - R.Maple, Conifer	High Density Sapling	6.3	26		Long narrow strip between 2 ponds. Cedar and ash are mostly along the edges.



Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
6111 - Lowland Balsam Poplar	Medium Density	4.7	3		Cut in 2005. Red maple heavily browsed. Lowland/upland.
4199 - Other Mixed Upland Deciduous	Medium Density	26.8	3		Cut in 2006. Big steep sand ridge! Was difficult to log in places. Several patches of overstory trees left pretty much intact. Some open sand still open from skid trails, but are regenerating in places. Regen mainly pin cherry.
4130 - Aspen	High Density Sapling	12.4	4		Has regenerated nicely! More rock than adjacent aspen stands to the south.
42200 - Natural White Pine	Medium Density Log	7.6	70	81-110	Nice white pine stand. On flat between marsh and ridge. More poles to the east. Thinned in 2005.
4130 - Aspen	High Density Sapling	15.4	15		Another nice aspen stand. Red maple shows sign of deer browse.
4130 - Aspen	High Density Sapling	47.7	26		Beautiful aspen stand. Some semi open areas - some low ground, some high ground. Small borrow pit at curve in road from E-W to N-S.
4311 - Pine, Aspen Mix	High Density Sapling	36.3	25		Mixed stand of aspen and white pine and balsam. White pine is of varying age and size - mostly saplings and small poles. White pine mostly on west half. Balsam is on east half. Nice variable stand. Real stand age is 15 (aspen). White pine age is average age for residual stems.
4130 - Aspen	High Density Sapling	11.7	15		Stand split from adjacent stand - more aspen than white pine. Some semi-open areas. Nice aspen stand.
6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	8.1	70		Old stumps still evident. Obviously cut in winter! Pole stand. Still holding it's own. Good diversity for adjacent cuts.
42330 - Upland Fir	Medium Density	6.3	26		Appears this was part of adjacent stand, but beavers have eaten all aspen and balm. Balm is just sprouting back.
4191 - Mixed Upland Deciduous with Conifer	High Density Pole	49.6	78		New stand added. On small sand ridges. Nice buffer between younger stand and lower ground. Illegal ORV trail into stand. Some fresh beaver cutting (birch) along pond edge. This is a good buffer left along ponds and seeps.
6120 - Lowland Cedar	High Density Pole	42.5	102		Intermittant creek flows through eastern tip.
4193 - Birch, Aspen	Medium Density	40.7	3		Sand ridges and low swales. Not much regen in the swales. Lots of white birch sprouts. Intermittant stream flows (north to south) through stand on east end.
6120 - Lowland Cedar	High Density Pole	194.3	85		Evidence of old cutting. Old road heads North from lake & crosses Newton Creek 2 times. Good deer trails.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
45	4319 - Mixed Upland Forest	High Density Pole	77.5	102		In between upland and lowland. Basically low ridges interspersed with transition ground cedar. Could call low ground instead of upland. Some tag alder swales here too.
50	4319 - Mixed Upland Forest	High Density Log	169.7	98		Ridge and swale. Mainly upland. Nice spruce. WP supercanopy. Variable stand.
51	6120 - Lowland Cedar	High Density Log	15.0	103		Nice looking stand along Catarac River. Doesn't appear too wet. Old fence still evident in places along north section line (from Bethlehem Steel days).
53	6120 - Lowland Cedar	High Density Pole	286.1	102		Low cedar stand. Small areas of blow down. Is less dense along southern stand boundary, and with more windthrown or windblown trees and more tag alder.
54	42290 - Natural Mixed Pine	High Density Log	8.9	68		Sandy ridges with some steep ridges. Includes first several ridges from lakeshore.
57	4319 - Mixed Upland Forest	High Density Log	201.9	95		White birch over cedar. Ridge and swale. Blowdown here and there. Pine more to the north. White birch hanging in there for its age.
64	42360 - Upland Cedar	High Density Pole	53.9	99		Upland cedar with spruce and white birch overstory. Variable density of balsam understory.
68	6119 - Mixed Lowland Deciduous Forest	Medium Density Log	25.1	130		Ash is old and open grown. Balm is younger and trying to fill in. Called a lowland stand even though it is dry now. Could be called upland...The trees all show high water marks 1 - 2' high. Grassy ground cover, but iris starting to poke up. Some rock scattered through stand. Interesting stand!



Stand	Cover Type	Acres	Gen Cmts:
1	310 - Herbaceous Openland	1.6	Part of old field to the north. Filling in with spruce.
3	310 - Herbaceous Openland	4.0	Opening with very few trees in the middle of it. Been used as a decking area for adjacent timber sales.
5	310 - Herbaceous Openland	12.4	Old, once farmed (?) field. Scattered large open grown spruce. Nice looking bushy trees.
6	330 - Low-Density Trees	2.4	On edge between non-forested and forested. Mainly cherry shrubs and some white pine saplings (6' - 15' tall).
11	310 - Herbaceous Openland	2.1	New stand added. Stand swapped from Forested to Non-Forested. Mainly open piece within old opening which was harvested and has regenerated.
16	50 - Water	8.0	Pond with fluctuating water table.
18	50 - Water	10.8	Pond with fluctuating water table.
19	622 - Lowland Shrub	9.4	needed to switch to forested then back to non-forested to change the level 3 call!
28	50 - Water	4.3	Pond with fluctuating water table.
29	623 - Emergent Wetland	4.0	
33	50 - Water	7.9	Pond. Heard loons calling. Headwaters of Patterson Creek.
34	622 - Lowland Shrub	8.4	Old beaver flooded area.
36	623 - Emergent Wetland	6.8	May be lowland shrubs here. Patterson Creek flows through.
38	50 - Water	4.2	Pond. Patterson Creek flows through stand.
39	622 - Lowland Shrub	2.0	May have lowland shrubs here. Edges around pond.
41	50 - Water	11.0	Pond with fluctuating water table.
42	622 - Lowland Shrub	4.0	
43	622 - Lowland Shrub	10.1	Fluctuating water table.



Stand	Cover Type	Acres	Gen Cmts:
44	623 - Emergent Wetland	1.6	Half water, half emergent wetland. Headwaters of Newton Creek.
46	622 - Lowland Shrub	2.3	Swale between ridges.
47	622 - Lowland Shrub	3.2	Swale between ridges.
48	622 - Lowland Shrub	3.5	Swale between ridges.
49	623 - Emergent Wetland	2.8	Fluctuating water table.
52	623 - Emergent Wetland	10.3	Fluctuating water table.
55	623 - Emergent Wetland	3.6	Fluctuating water table. Creek(s) flow through here.
56	710 - Sand, Soil	17.5	Open sand beach and dunes. Includes part of Newton Township park.
58	710 - Sand, Soil	3.9	Sandy beach.
59	720 - Exposed Rock	3.3	Cobble beach. Cozy Point.
60	622 - Lowland Shrub	3.6	Intermittant stream flows through.
61	50 - Water	2.6	Swale between old beach ridges close to the shore. Fluctuating water table.
62	623 - Emergent Wetland	2.9	Fluctuating water table. Stream flows out of to the east.
63	710 - Sand, Soil	11.9	Sandy beach and dunes.
65	623 - Emergent Wetland	4.4	needed to switch to forested then back to non-forested to change the level 3 call
66	622 - Lowland Shrub	13.2	Tag alder area of Patterson Creek.
67	720 - Exposed Rock	22.1	Cobble, rocky, sandy beach. Includes Point Patterson.
69	623 - Emergent Wetland	4.9	Low, wet area. Flucuating water table. Not too wet, suprisingly, for early May. Adjacent ash stand shows water marks up to 2' on the trees.