

microtine runways. 10:08 major drainage, no water. Can hear ice action on body of water below, some pushing upright. water a greyish brown. The soils from slopes to edge of water become progressively deeper and less stable which in turn is related to man activity above and on the slope. This is a long, straight shoreline. Log & branch debris below from last inundation of reservoir from excessive rains of last year. 10:15 minor drainage, no water. 10:19 minor drainage, no water. 10:21 rock fence & minor drainage. 10:23 open area. Road peninsula below. 10:25 major drainage newly eroded to 6' deep and good exposure for recent stratigraphy. sand gravel interpered, some glacial granite erratics in deep soils no water. minor drainage just beyond. 10:33 2 trees at point and beginning of rock quarry below. The entire ridge has been removed. Good microtine communities along here. 10:38 open field. 10:40 pond to left, downy woodpecker. 10:43 major drainage (at bridge) water flowing 1 gal per 5 seconds. now to NE. Good microtine runways. 10:46 minor drainage along fence row. The channel at this point is paved and lined on each side by solid rock. 10:51 pond. 10:56 major drainage with wet soils and some running water. now trending E. 10:05 SE end promontory. Marsh hawk ♂ + ♀ mallard flew SE. 11:08 23 mallards (♂♂ + ♀♀) flew SE. 11:06 N end promontory. This entire peninsula should have remain free of roads and maintained in its natural profile and grassy slopes. Delaware River below 50° in ice. Debris on top of bank from last inundation. 11:14 minor drainage. Good microtine trails all along this area of N exposure. Ice in many sections of the trails. 11:16 on side of drainage opposite boat ramp, just newly constructed. 11:18 measured erratic of red granite as 64' x 48' (approx.). 11:20 4 black capped chickadees, 11:23 convergence of 2 drainages. 1 gal per 10 sec from right fork, nothing from left. Raccoon tracks in bottom of drainage at confluence. 11:27 pond. 1 pt per 10 seconds from this pond. Cattails at head of pond. These ponds should be converted into marsh areas for rails, marsh wrens etc. 11:30 measured another large erratic as approx. 64 x 66. The upper E edge shows signs of glacial erosion. 11:33 boat ramp. 11:35 Cottontail. 11:35 Promontory. 11:42 small pond at drainage, water low, fence line crosses dam. 5 black-capped chickadees in weeds below. 11:46 old road down slope. In this road the erosion