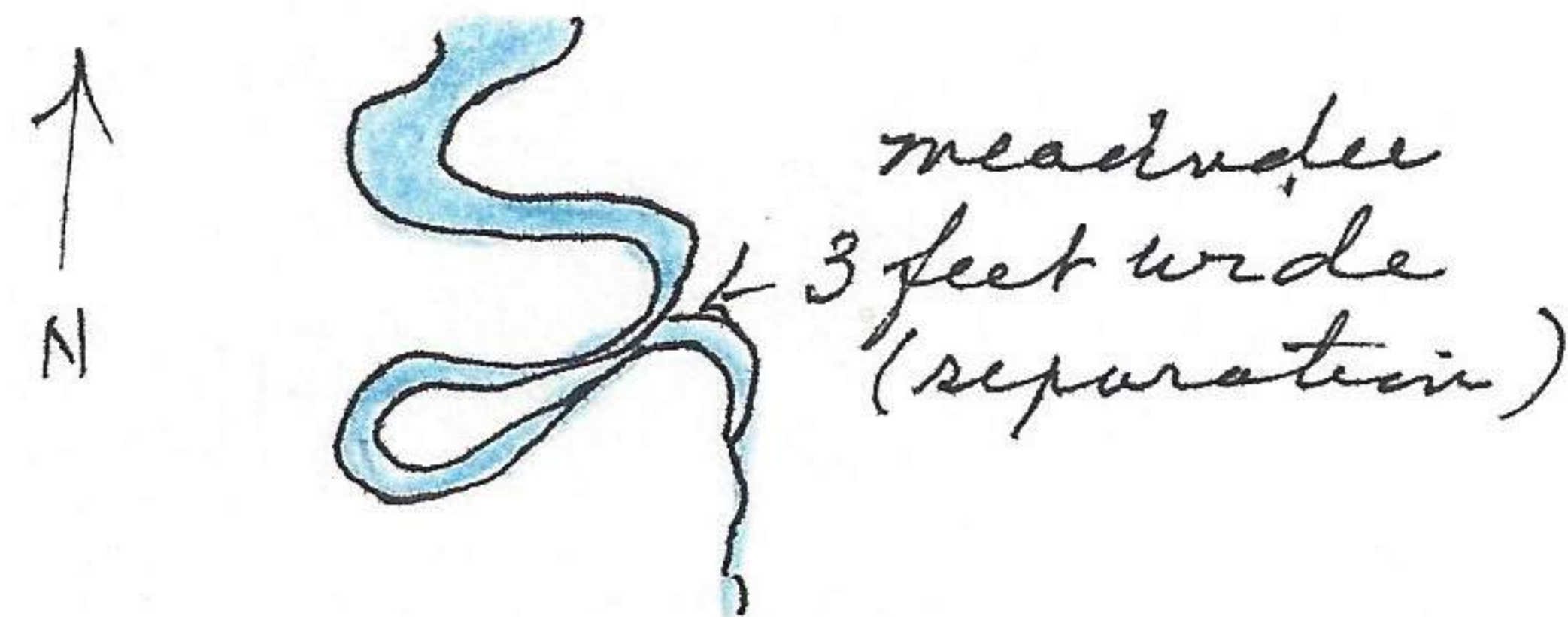


The trees on slope are about 30 feet from lake. This will vary and shows inaccuracy of surveying. Temp (air) 70°F. 120° in sun. Left 12:40. Deer trails vary from along edge of trees in cut area or just inside forest. Old stump measured 40" diameter. Field sparrow. 12:52 a marker has the following info: NE Cor 2E, Sec 25, T138, R18E. 2 towhees, 1 red-headed woodpecker. Turtle on log in bay. 12:54 first drainage. 1:00 head bay.

As with crossover at all drainages and bay I observe to see if fish are present at the point where clear cool water of the drainage enters the bay but to date have not seen fish using the contact between the two, not even minnows. 1 gal per second flow. Good grasses and microtine last of bay. Corps cylinder tank for outlet barrier here. 1:08 Forester tern. 2 field sparrows.



Lake will cover meander before it breaks thru.

1:10 drainage 1 pt per 10 sec. 1:12 large tractor tire in water. 1:15 another cylinder. This will show circulation of water of lake. It is along this stretch of lake that the water plants that formed the many "islands" in the lake earlier this year have come to rest, some 60' wide and solid plant blanket in the water. Wind has probably brought them in from the NW. (bearing at lunch of Peterson ridge was 333° which with 8° deviation would make it 325° which is about the direction of most of the aquatic plants that formed masses in the lake last year (see former notes for name of plants). The plants along lake are very effective in changing whitecaps to gentle swell. 1:18 Point wave here without vegetation barrier are splashing against bank and throwing water 4 feet landward. More deer tracks in this area than in forest. 1:27 point W of bay. From the last point at 1:28 the small sticks along beach in water are 10-80° cleaned by beaver but no evidence of beaver cutting trees in area. 2 starling. 1:32 SW corner of Chimney Bay at crossover. 1 gal per 4 sec. 1:37 main drainage and now up ridge 1:40 fence. 2 red-headed woodpeckers. 1:45 top, mourning dove. 2:00 cor. at dam noticed water level at 870 feet.