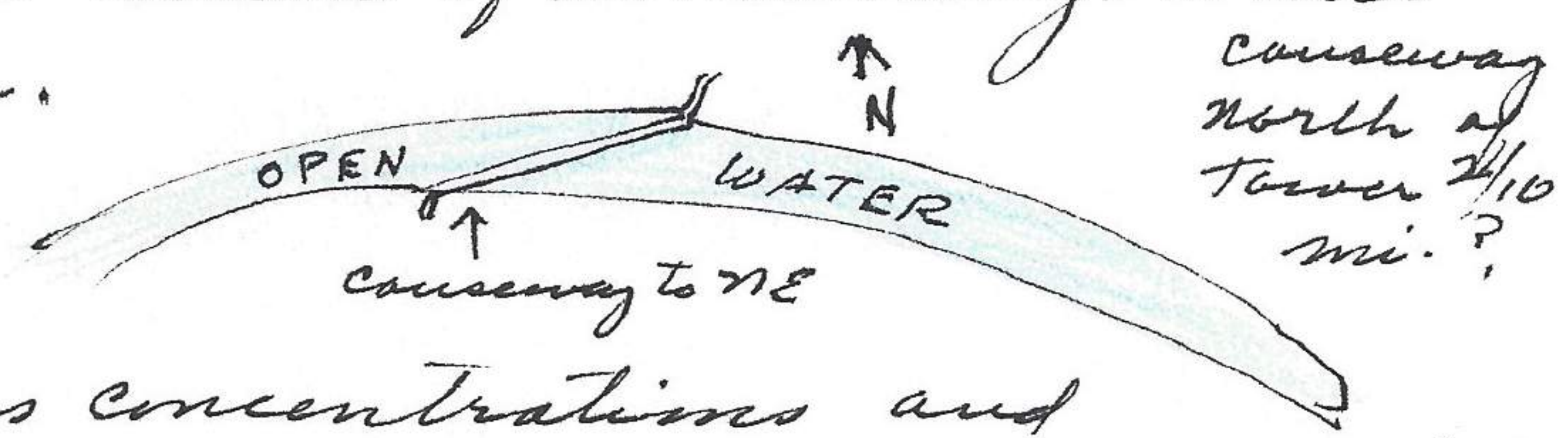


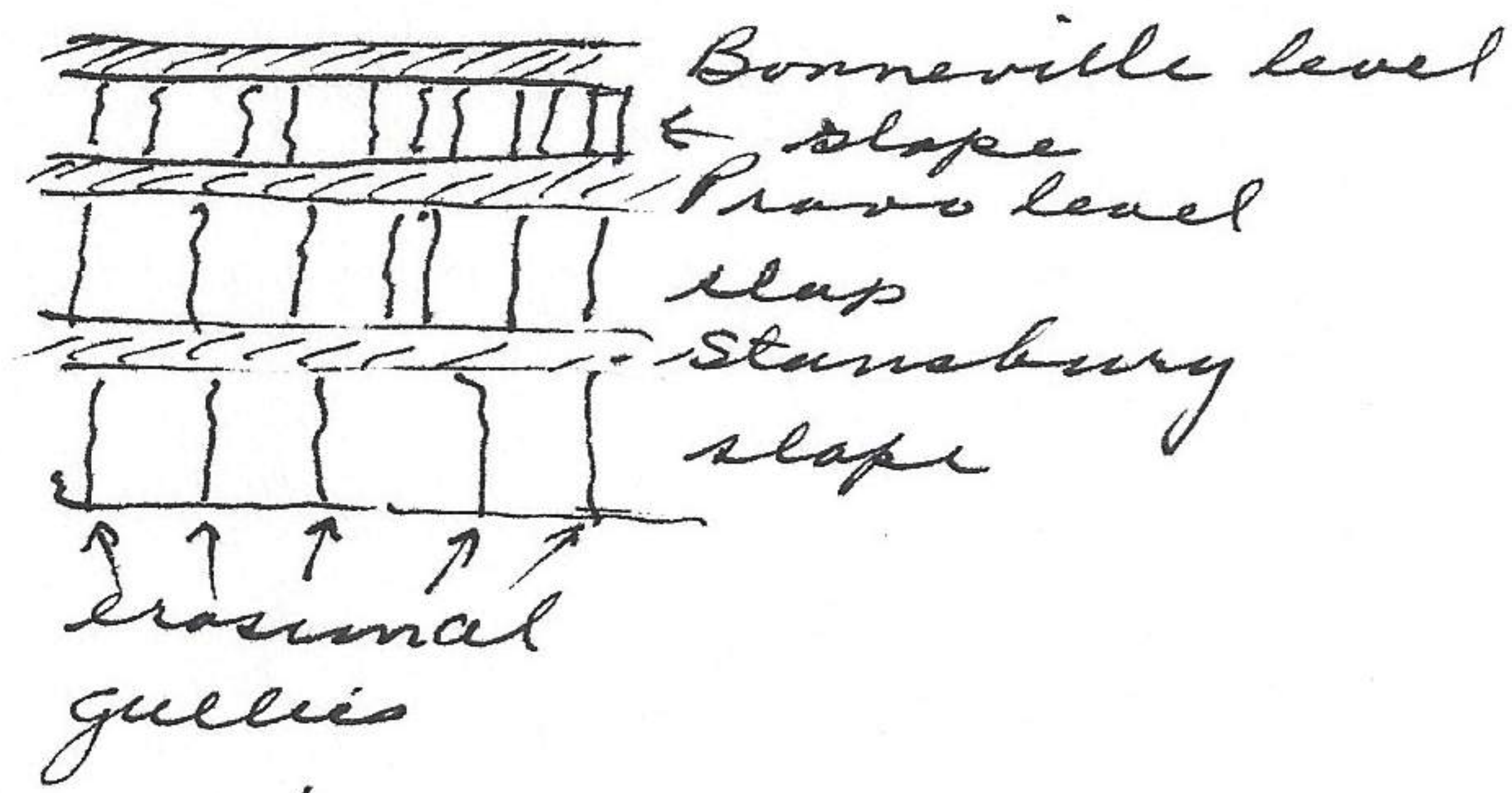
012.8 Nov 7, 2 gadwall, orcaet, black-crowned night heron, (white-faced) coot, mallard, gull, 6 glassy ibis, 8 pintail, 6 green-winged teal
Observation tower. Approx. 400 nests of cliff swallow. Swans all along lake to NW and far N to dryland, also E in a lake N of main visitor center. at this point I would say 28,000 is an indirect estimation. 4 b.c.-night heron, 20, 20, 18 mallard, 2 eared grebe, marsh hawk, 8-12-18-6 mallards. 110 Canada geese, 2 song sp. 2 eared grebe, 180 red-wing blackbirds.
 Arrived visitor center and made census of whistling swans from top of observation tower.



In the general area to NW, N, and NE to E → estimated by count of various concentrations and then scanning entire area outlined above with 1000 mm (celestron) as 41,000 swan. (The viewing windows should be optically clear and at least one on each side made openable).
 On way out of refuge at shortly after sundown several (2) thousand red-winged blackbirds in large flocks flew W and SW. Continued to camp in Willard.

Willard, S. Bogilder Co., Utah
 Nov. 10, 1983

min. temp. 32°F. At 9:45 OF. Photo 83110-1 of Bonneville shorelines E of camp at Willard. 3 magpies in camp. Farmer plowing field and 43 gulls following (ring-billed gull?). on shorelines to E Bonneville 11 drainage to 7 of Provo level



major drainage straight thru, minor drainage offset from level to level. 2 of Bonneville may converge for one of Provo

Left Willard camp and took old road S and finally to Interstate 15. One field being plowed had 120 gulls sp? in field. Continued S to Salt Lake airport that goes N & W of airfield and finally ends at airport terminal. thence 80 W to Saltair. Enroute (2 mi. E Saltair) 18 Canada geese on mud flats. Some ducks, grebes & loat along was in flooded fields. Camped 1/10 mi. S Saltair. Earlier drove to marina S of here. Old road inundated. New road within