

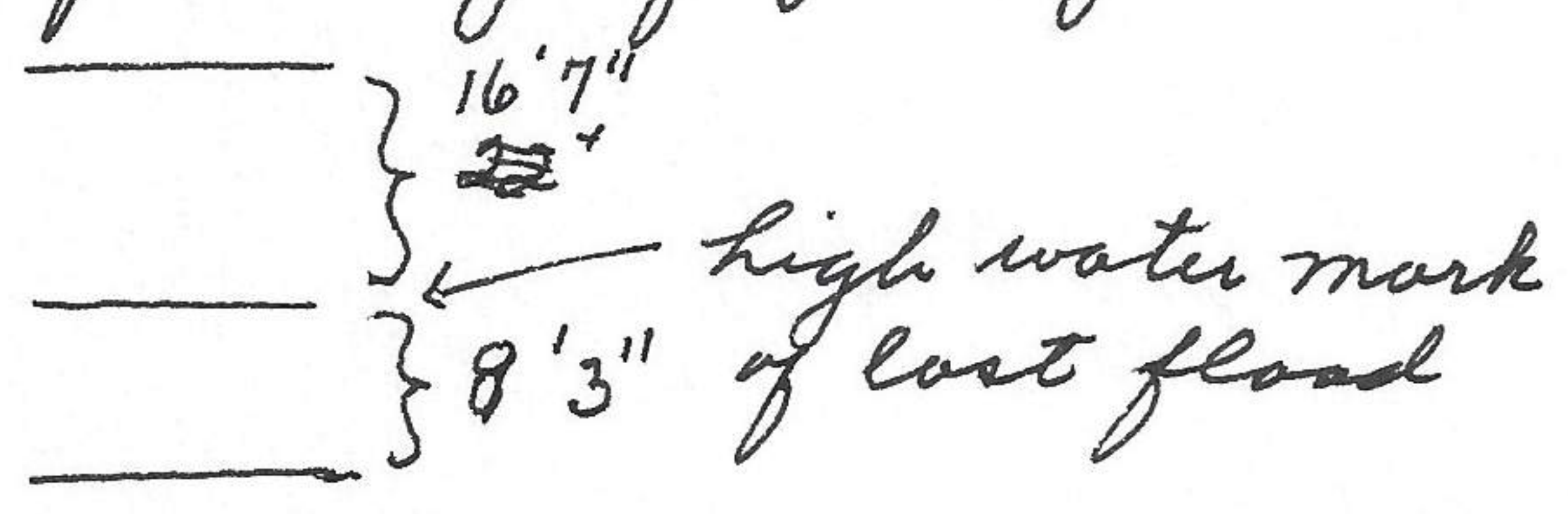
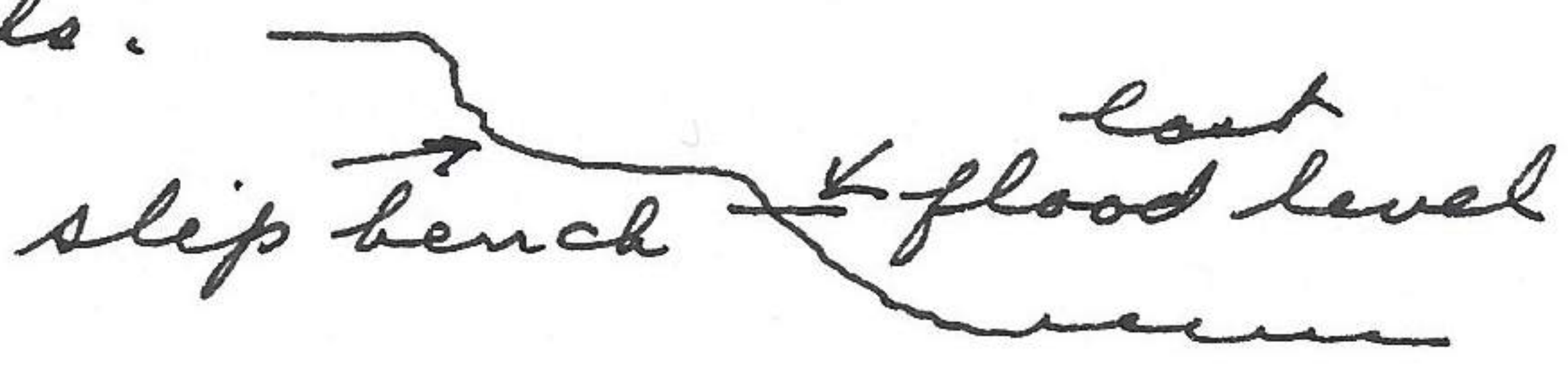
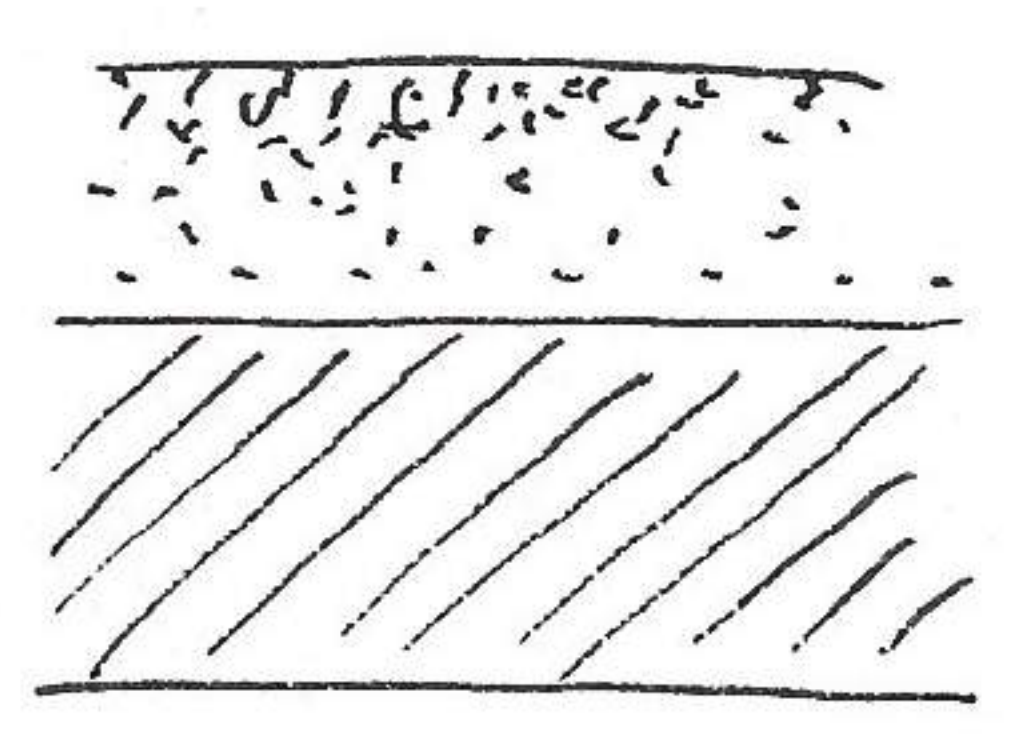
Delaware River, Perry Reservoir, Ozawie to Perry Dam,  
Jefferson Co., Kansas

March 1, 1969

Made solitary canoe trip from bridge at Ozawie (old road) to water gates at Perry Reservoir Dam. Will keep complete census of mammal and birds. Left Lawrence at 8:23 A.M. and arrived Ozawie 9:10. Put canoe in river and left at 9:23 Temp. 32°F, water temp. 35°F. Slight wind from NE. 2 mallards flew N. 8 crows in field to E. 2 marsh hawks hunting field to E. 9:35 marsh hawk. Great horned owl left mouth of drainage to right. gravel bar on opposite side river and shells numerous. 9:36 drainage left and water flowing at 1 gallon per 10 seconds. 3 chickadees. 9:44 bend to left. marsh hawk. Some ice masses on side of river at high flood level. Raccoon tracks average 1 set per 100 feet and appear to be one individual. 9:52 drainage left and extensive rapids below. (See opposite page for shells) Good exposure of black shale of native rock exposure of hell. The soil profile in valley is extensive and consists of dark to brown loil above and sands below with mainly forest beds. Ice masses approx. 1 per 100 feet, some covered with soils above and well protected. 10:05 50 pintails flying N and all appeared to be ♂♂. Evidence of beaver from start of trip. Whenever small trees and willows are present there is evidence of beaver cuttings, mainly trees less than 1 inch in diameter. Beaver trails up banks common and every 50 or so feet wherever beaver are concentrated. Profile of banks.

10:08 80 pintail flying to N and calling regularly.

10:09 In the last 2/10 mile counted 42 beaver trails up bank of river and small trees cut all along route. Lone redwing blackbird ♂ flew NE. 10:14 beaver in shallow concavity on side of bank of the size of first year adult. 10:23 bend. 3 crows.



At this point the soil is less than 1/2 way down bank. The height of bank is 31 feet and well formed with about 30 percent slopepage