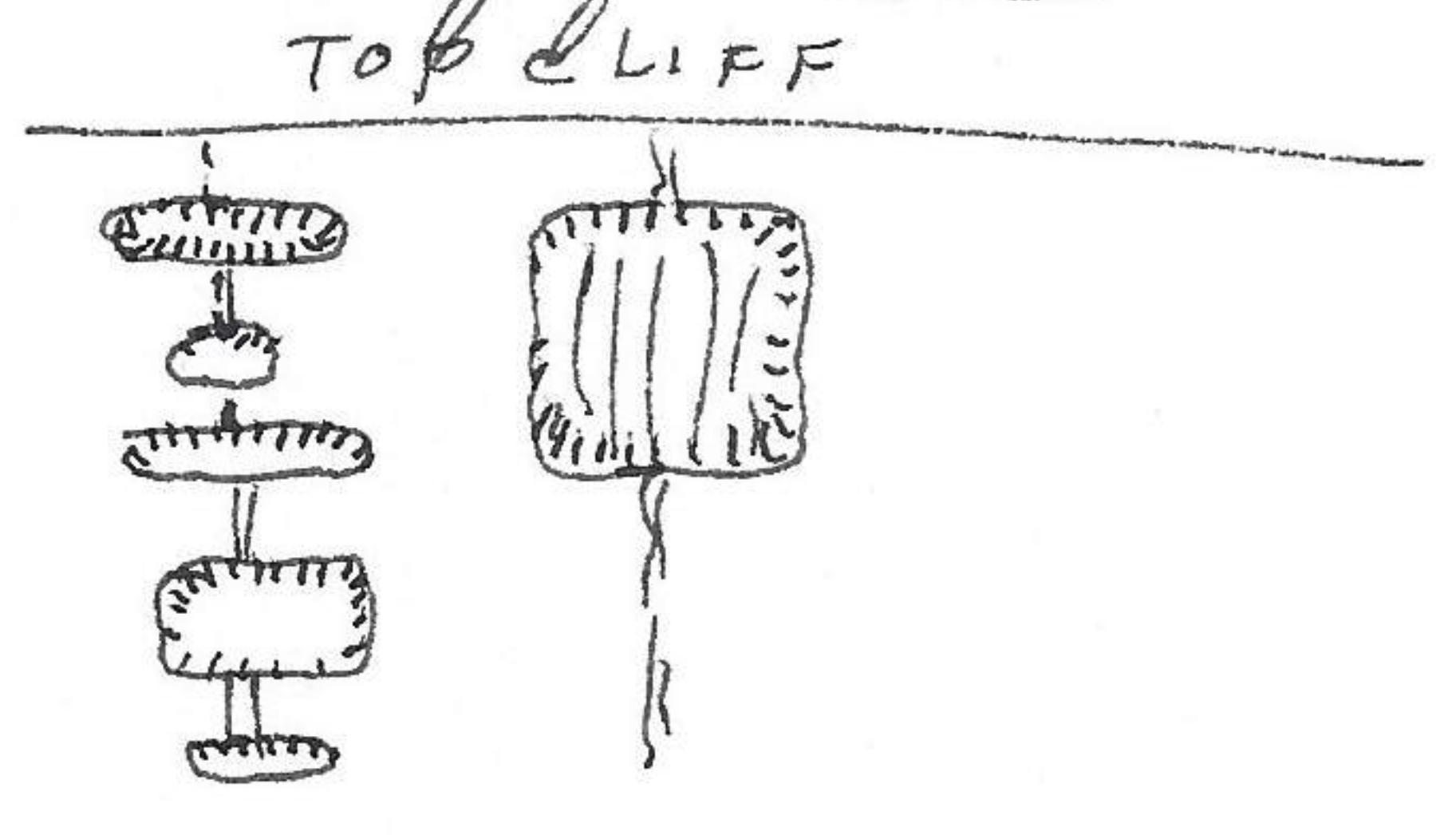
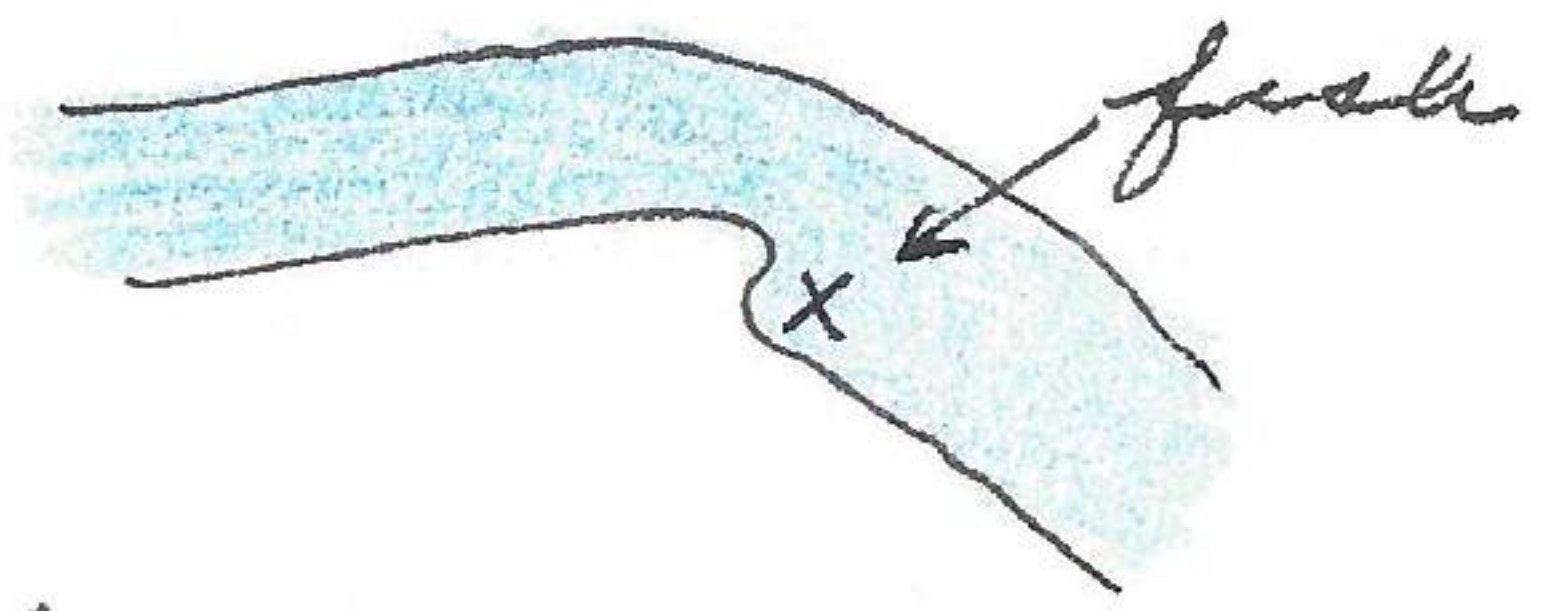


was no excrement at base of cliff beneath hole. 10:40 passed by main channel shorecut to right. at this point a fox squirrel ran approx. 300 feet from the west side to east side of mouth of channel. This squirrel was on bare sands and fully exposed overhead (no trees). Beaver house to w of channel. From here crossed to n side and found minimum of beaver activity where previous years the area had been extensively used. Mouth mud Creek at 10:50. Many goldfinch and bluebirds in area. 3 large fish jumped so far. 11:06

lesser scoup duck feeding in backwaters of river. 11:30 2 scoup swam ahead and about as fast as one man can paddle a canoe. They swam down river for at least 3/10 mi, 11:42 bend of river. 11:54 now beyond creek from left and trending E. Sky now clear of clouds. Young willows on sands with 80° leaves and greenish yellow. Leaves that have fallen are yellow. Many large fish (carp?) jumping in water on lee side of sand bar. This is the usual case in fish distribution on the Kaw. Redtail calling from oak covered hills to N. Leaves of oak are brown and dry. Many goldfinches in field today. Air temp. now 58° F + water 52° F. 12:05 double drainage to left with trees between. Sands whiter and finer just to right down river. Sand erosion ^{on cliffs} from rains produce many features of erosion in sandstones in southern Utah. Meadowlarks singing in tops of trees to left. 2 redtail hawks circling river and associated riparian community. Kildeer calling. Have been free floating since last bend of river. Black wasps and others of variable size averaging 1 per 50' of linear cliffs. The question arises as to whether steep cliffs (sand) are formed by high fast water or slower, low waters. Cliffs now with considerable talus thus



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