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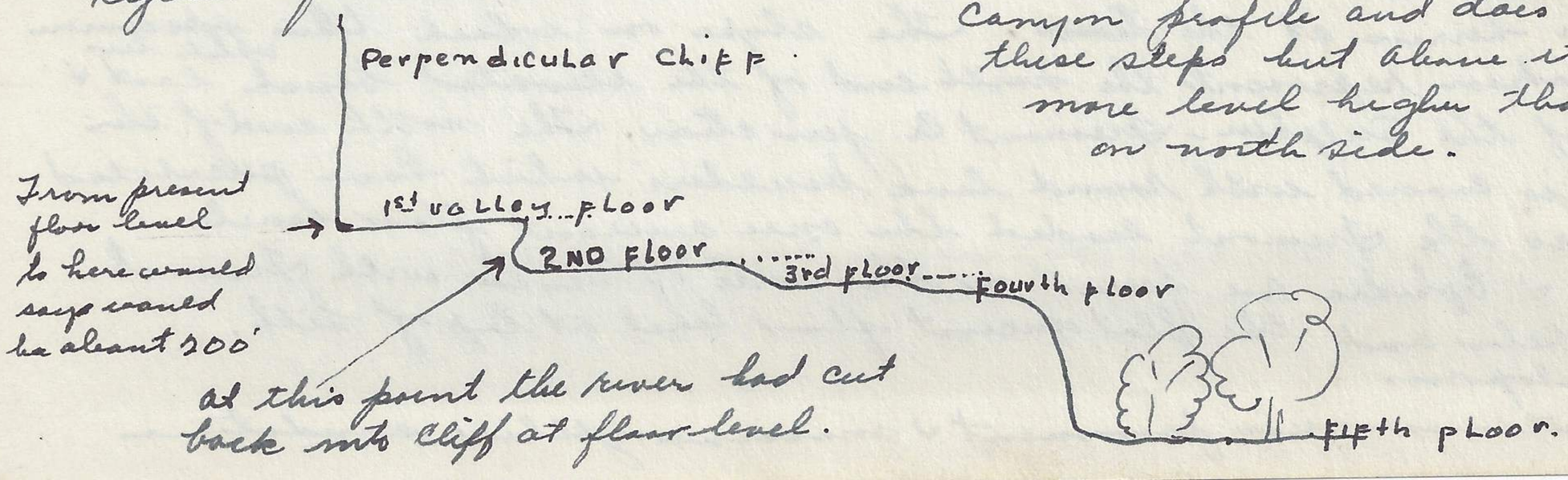
on north end of platform near top of bench. Stepped on large boulder 50' away for several minutes then ran up hill. Collected (660)
3:32 Now at Chinle-Wingate contact on north side of elevated floor level. Examined pack rat nest in rocks at base of cliff just below rim of bench. Juniper berries, Ephedra sterns, juniper stems, grass seed heads, winter fat leaves and some other type of succulent leaves were scattered around peripheral edge of home of dried sticks.
3:30 Arrived on top of bench which at this point is 20' above Wingate. Chinle contact. Slight wind on rim help to decrease annoyance of black gnats which were always getting in ears. Junipers & pinyon seemed to dominate tree growth and covered certain areas of the more or less flat top, also a sagebrush type of plant and numerous Ephedra. From this point could see two chipmunks on rock below along the Fremont river. This elevated bench has some very impressive geological features that are evident from whatever position one might hold in the canyon. It represents the old floor level of the Fremont & Sulphur Creek thousands of years ago. Upon this ancient floor level has been deposited a layer of round, large & small igneous boulder which have been carried down by floods or water from the base of the aquarius to the west. These boulders have arrived in recent times geologically speaking and have issued from the larger canyons that ~~have~~ were already formed before their arrival such as the Fremont, Sulphur Creek, Pleasant creek etc. This is borne out by the fact that in the canyons and on the sides of the more open valleys the boulders stop at a certain elevation above which are none to be found. Since the time the boulders were deposited upon a more or less broad field high above the creek junction here, the present creeks have eroded down through to their present level and have left the original floor level stranded high upon the hillsides. We are now upon this ancient floor level looking down into the canyon to the north that has been eroded away since. However in looking to the N. E. at a point where the Fremont enters the Reef with perpendicular walls on each side one can see that the erosional cycles since the time of this old floor level have been catastrophic and timely intermittent. The exposure of the north walls present such a erosional pattern showing the successive cycles of erosion.

The bench is on the south side of this canyon profile and does not show these steps but above it is one more level higher than exposed on north side.