



3-12-17-39

2-12-17-39

1-12-17-39

main to the lower limits of the canyon among the oak adjoining. Three other Utah jasp made their appearance. At <sup>natural</sup> gate way where large towering cliffs border canyon Bob found some interesting crystals of calcite where water pipe line cut through rock ledge & ridge. This pocket seems to be restricted and probably formed from percolating waters when canyon floor was at height of present level of cliff brink. Many erosional benches bear evidence of the canyon floor being at same level as the top of the high peaks and as overturn or fault continued the present dry canyon ate down through the present canyon. Nearly all beds of east side of Big badgy dip about  $55^\circ$  to the north. One is impressed with the amount of breccia in canyon floor from the probable faulting of the area. The above observations complete but made from a hurried trip by necessity. Says active and numerous entire trip.