

THE KOPET DAGH.

Our intention in making an excursion from Askhabad into the Kopet Dagh range was to make further search for any geologic or physiographic features in the mountains which might suggest subdivisions of recent geological time, the correlatives of which could then perhaps be recognized in the more monotonous structure of the piedmont plain. We were fairly successful as far as the mountains were concerned, for indications of subrecent terracing were found in the valleys here even more distinctly than back of Kizil-Arvat, but the recognition of the effects of the

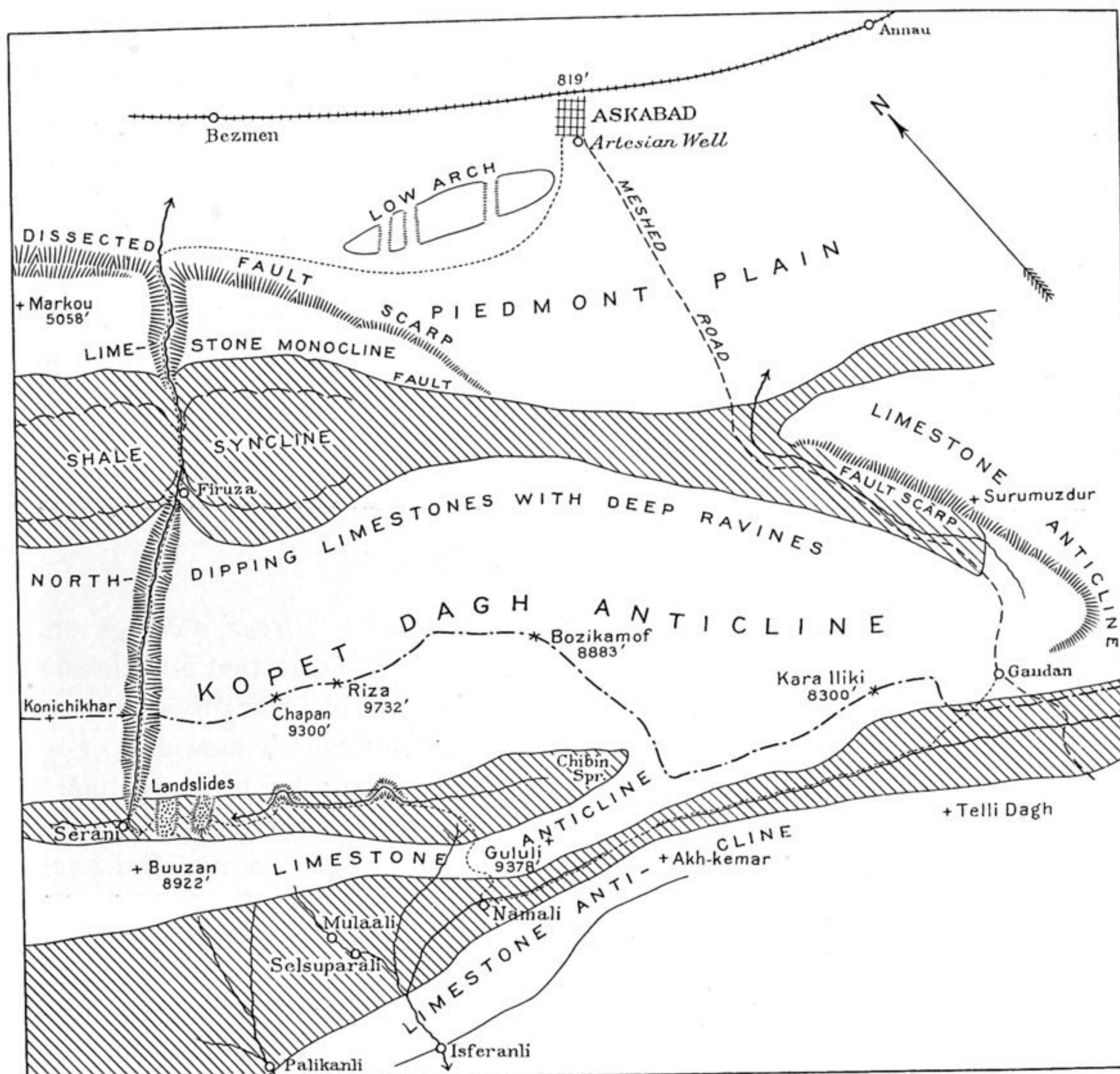


Fig. 26.—Geological Outline Map of the Kopet Dagh, southwest of Askhabad.

terracing in causing a change in the deposits of the plains will be more difficult. The changes in the mountains are made clear by a revival of activity in the streams in eroding their valleys; but the contemporaneous changes on the plains are concealed by the deposition of waste that the eroded mountain valleys have furnished. The excursion gave us a good sight of the structure of several ranges in a district that is little visited, and the results of our observations are therefore briefly set forth.