

ward toward one another. Some have nearly met, and rugged knife-like ridges or arêtes, as well as pinnacle-like summits are the result.

Detailed Topography.

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The Uplands. Over portions of Fokk Arm belt lying within the Yukon Plateau region, the plateau characteristics are still well preserved, and numerous fragments of almost flat, or gently rolling upland still remain in spite of subaerial erosive agencies which tend to destroy the old surface. Hale and Landing mountains afford excellent examples of these plateau fragments, and on their surfaces it is possible to walk several miles over but slightly undulating upland about 3,000 to 3,500 feet above the level of Fokk Arm (Plate VI). Over considerable portions of the district, however, little trace of the former upland remains and the topography consists of isolated, generally rounded hills, many of the summits of which rise to about the elevation of the plateau surface. In places erosion has succeeded in removing the plateau surface entirely, and only low, irregular hills remain which show no concordance of summit level (Plate VII). In the Coast range, plateau fragments, if they exist, are of rare occurrence, and none were noted in Fokk Arm belt.

The plateau surface, to be observed to the best advantage must be viewed from interstream points, situated some distance back from the edges of the master valleys; from such positions the even, gently rolling character of the plateau is strikingly apparent. The surface bears no relation to rock structure, and the pre-Devonian, contorted schists and gneisses, the Jura-Cretaceous tuffs, greywackes, sandstones, shales, and conglomerates, and the various volcanics, are all truncated, regardless of their structure, hardness, composition or other qualities. A few, generally rounded, summits such as those of Mt. Clive, and Sunday peak, are the only conspicuous elevations rising above the general level.

The plateau surface thus represents a plain of erosion that has probably been produced mainly by ordinary erosive agencies rather than by glaciation, since if it has been produced by glaciation its