FIG. 1.-DIKE OF FINE-GRAINED HYPERSTHENE-ANDESITE IN ANDESITE-BRECCIA (Na), ONE-THIRD MILE SOUTHEAST OF POKER FLAT.

FIG. 2.-ANDESITE-BRECCIA SHOWING ABSENCE OF STRATIFICATION; EAST SLOPE OF MUGLEBACK MOUNTAIN.

FIG. 3.-SIERRA BUTTES AND LOWER SARDINE LAKE.

The distant slopes are bare and smoothed by glaciers. The high ridge on the left is the beginning of a moraine.

FIG. 4.-MORAINES SOUTH OF SARDINE CREEK, SHOWING A YOUNGER EAST-WEST MORAIN CUTTING ACROSS AN OLDER NORTH-SOUTH MORAIN.

FIG. 5.-QUARTZ-PORPHYRY-BRECCIA INTERSECTED BY A SYSTEM OF VERTICAL JOINT PLANES, ONE-HALF MILE SOUTHWEST OF UPPER SALMON LAKE.

FIG. 6.-NEOGENE AURIFEROUS GRAVELS AT THE CASCADE GRAVEL MINE, ON THE EAST SLOPE OF THE GRIZZLY MOUNTAINS.