UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH
THE GEOLOGICAL SURVEY DEPARTMENT OF BRITISH GUIANA
AND UNDER THE AUSPICES OF
THE UNITED STATES OPERATIONS MISSION TO BRITISH GUIANA

WATER-SUPPLY PAPER 1663-B
PLATE 1

60° 58° 56°

8° 6° 4° 2°

EXPLANATION

Pleistocene and Recent — QUATERNARY

Qc

Coastal sediments

Demerara clay and Coropina formation undifferentiated. Form confining layer over White Sand series

Pliocene(?) and Pleistocene — TERTIARY(?) AND QUATERNARY

QTw

White Sand series

Unconsolidated quartz sand, interbedded with extensive clay lenses. "A" sand principal source of artesian water along coast

PRE-TERTIARY

pTb, pTbb

Basement rocks

Consolidated granitic and metamorphic rocks. Yield little or no water to wells

pTb, *principally granite, gneiss, and schist; locally includes volcanic rocks*

pTbb, *bauxite deposits, largely weathered basement rocks in place*

Approximate boundary of coastal artesian basin

Stream gaging station

LEGEND

International boundary, demarcated

International boundary, delimited

International boundary, indefinite

County boundary

Boundaries are not necessarily those recognized by the U.S. Government

Base map from World Aeronautical Charts; 1:1,000,000; Aeronautical Chart and Information Center, US Air Force; various dates

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—62147

Geology after Stockley (1954)

MAP OF BRITISH GUIANA SHOWING GENERALIZED GEOLOGY OF THE COASTAL BASIN

SCALE 1:2 000 000

25 0 25 50 75 100 MILES

25 0 25 50 75 100 KILOMETERS