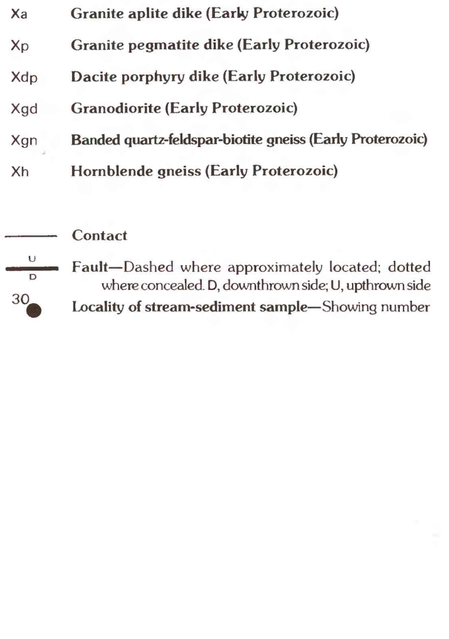
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

OPEN FILE REPORT
OF 87-0508
PLATE 2 OF 2

EXPLANATION

CORRELATION OF MAP UNITS



LIST OF MAP UNITS

Qal	Alluvium (Quaternary)
Td	Dry Union Formation (Pliocene and Miocene)
Tb	Browns Canyon Formation (Miocene and Oligocene)
Tn	Nathrop Volcanics (Oligocene)
Tr	Porphyritic rhyodacite ash (Oligocene)
Ta	Rhyodacite ash (Oligocene)
Tw	Wall Mountain Tuff (Oligocene)
Xl	Lamprophyre dike (Early Proterozoic)
Xa	Granite aplite dike (Early Proterozoic)
Xp	Granite pegmatite dike (Early Proterozoic)
Xdp	Dacite porphyry dike (Early Proterozoic)
Xgd	Granodiorite (Early Proterozoic)
Xgn	Banded quartz-feldspar-biotite gneiss (Early Proterozoic)
Xh	Hornblende gneiss (Early Proterozoic)

Contact

Fault—Dashed where approximately located; dotted where concealed. D, downthrown side; U, upthrown side

Locality of stream-sediment sample—Showing number

Base from U.S. Geological Survey, Nathrop, 1983

Geology modified from Van Alstine (1969) and Scott and others (1975)

SCALE 1:24 000

1 MILE

1 KILOMETER

CONTOUR INTERVAL 40 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

UTM GRID AND 1983 MAGNETIC NORTH

COLORADO

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature

PLATE 2-GEOLOGIC MAP AND GEOCHEMICAL SAMPLE LOCATION MAP OF THE BROWNS CANYON STUDY AREA, CHAFFEE COUNTY, COLORADO

1987