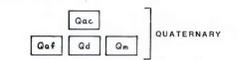


EXPLANATION

GEOLOGY GENERALIZED FROM WEBER, FOSTER, AND OTHERS (1978)

CORRELATION OF MAP UNITS

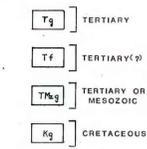
UNCONSOLIDATED DEPOSITS



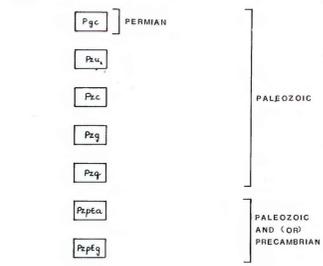
SEDIMENTARY ROCKS



IGNEOUS ROCKS



METAMORPHIC ROCKS



DESCRIPTION OF MAP UNITS

- UNCONSOLIDATED DEPOSITS**
- Qac ALLUVIUM, COLLUVIUM, AND MINOR GLACIAL AND EOLIAN DEPOSITS
- Qaf ALLUVIAL FAN AND GLACIAL OUTWASH DEPOSITS
- Qd DUNE SAND
- Qm MORAINAL DEPOSITS
- SEDIMENTARY ROCKS**
- Tnc NENANA GRAVEL AND COAL-BEARING FORMATION
- Td DETRITAL ROCKS
- IGNEOUS ROCKS**
- Tg GRANITE AND QUARTZ MONZONITE
- Tf FELSIC TUFF AND LAVA
- TMg UNDIVIDED GRANITIC AND DIORITIC ROCKS
- Kg UNDIVIDED GRANITIC AND MINOR DIORITIC ROCKS
- METAMORPHIC ROCKS**
- Pgc GREENSTONE AND CHERT
- Pzu ULTRAMAFIC ROCKS
- Pxc CATACLASTIC SCHIST AND GNEISS
- Pzg GREENSCHIST, QUARTZITE, MARBLE, COARSE META-ARENITE, GREENSTONE, AND META-TUFF
- Pqg QUARTZITE, SLATE, CALC-PHYLLITE, AND MARBLE
- Ppca AUGEN GNEISS AND MINOR AMOUNTS OF OTHER GNEISSIC ROCKS
- Ppfg GNEISS, SCHIST, AUGEN GNEISS, AMPHIBOLITE, AND MARBLE

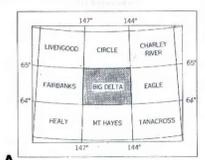
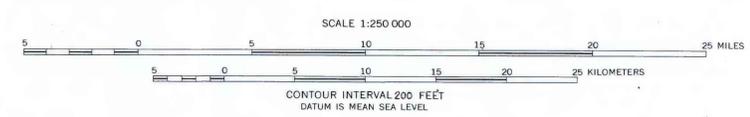
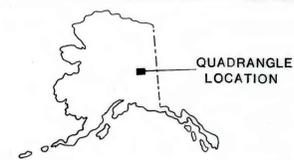
GEOLOGIC SYMBOLS

- CONTACT, APPROXIMATELY LOCATED
- FAULT OR PROBABLE FAULT, DOTTED WHERE CONCEALED

MINERAL RESOURCE SYMBOLS

- ² LODGE MINES AND PROSPECTS (NUMBER REFERS TO TABLE 1)
- ¹ GOLD PLACER MINES AND PROSPECTS (NUMBER REFERS TO TABLE 1)
- ⁴ SULFIDE OCCURRENCES (NUMBER REFERS TO TABLE 2)
- Ⓟ TRACT PERMISSIVE FOR MINERAL DEPOSITS. DASHED WHERE TRACT BOUNDARY ESPECIALLY UNCERTAIN. (ROMAN NUMERAL REFERS TO TABLE 3.)

BASE BY U.S. GEOLOGICAL SURVEY, 1963



This report is preliminary and has not been edited or reviewed for conformity with Geological Survey standards and nomenclature.

MAP SHOWING MINERAL RESOURCES OF THE BIG DELTA QUADRANGLE, ALASKA

BY
W. D. MENZIE AND H. L. FOSTER
1979