

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY



EXPLANATION
GEOLOGY GENERALIZED FROM WEBER, FOSTER, AND OTHERS (1973)

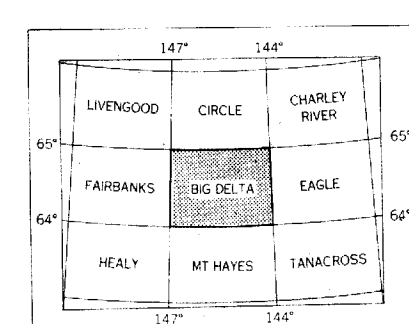
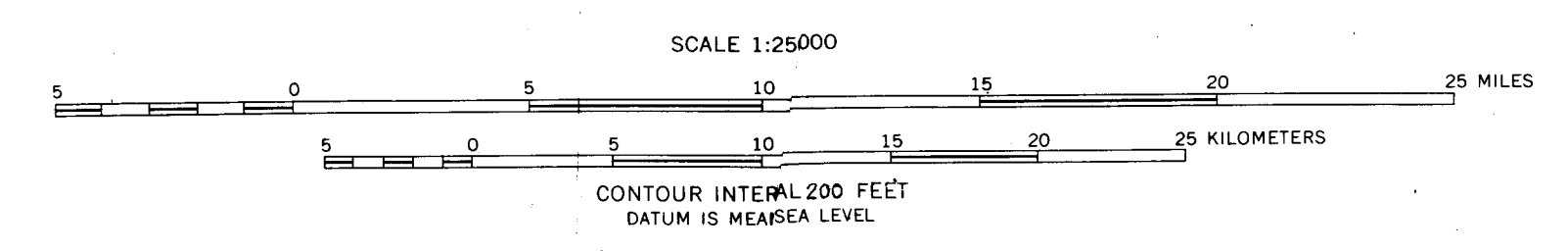
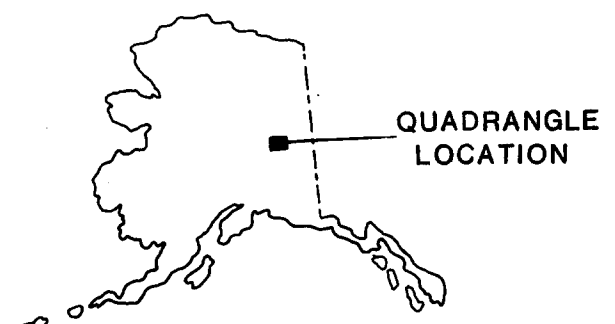
- CORRELATION OF MAP UNITS
- UNCONSOLIDATED DEPOSITS
- Qac QUATERNARY
 - Qaf
 - Qd
 - Qm
- SEDIMENTARY ROCKS
- Tnc TERTIARY
 - Td
- IGNEOUS ROCKS
- Tg TERTIARY
 - Tf TERTIARY(?)
 - Tmg TERTIARY OR MESOZOIC
 - Kg CRETACEOUS
- METAMORPHIC ROCKS
- Pgc PERMIAN
 - Pku
 - Pkc PALEOZOIC
 - Pqg
 - Ppfa PALEOZOIC AND CON
 - Ppfg PRECAMBRIAN
- 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
 - Pku ULTRAMAFIC ROCKS
 - Pkc CATACLASTIC SCHIST AND GNEISS
 - Pqg GREENSCHIST, QUARTZITE, MARBLE, COARSE META-ARENITE, GREENSTONE, AND META-TUFF
 - Ppfa QUARTZITE, SLATE, CALC-PHYLLITE, AND MARBLE
 - Ppfa 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 LODE MINES AND PROSPECTS (NUMBER REFERS TO TABLE 1)
 - 1 GOLD PLACER MINES AND PROSPECTS (NUMBER REFERS TO TABLE 1)
 - SULFIDE OCCURRENCES (NUMBER REFERS TO TABLE 2)
 - V TRACT PERMISSIVE FOR MINERAL DEPOSITS. DASHED WHERE TRACT BOUNDARY ESPECIALLY UNCERTAIN. (ROMAN NUMERAL REFERS TO TABLE 3.)

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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
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