EXPLANATION
SURFICIAL DEPOSITS
Qal Alluvium
Qc Colluvium (Locally includes alluvium, talus & moraine)
Qgy Glacial Moraine
Qgo Glacial Moraine ?
SEDIMENTARY & VOLCANIC ROCKS
South of Dall Fault
KJa Argillite - Graywacke
PR, RL Basalt, Redbed, Limestone sequence of Chulitna District. RL = limestone.
Between Dall Fault & Denali Fault
Pzc, Pzv, Pzb, Pza, Pzl, Pzu Sedimentary & volcanic rock. Pzc = limestone; Pzv = volcanics, including rhyolite; Pzb = basalt; Pzl = limestone; Pza = argillite & chert; Pzu = undivided, but includes extensive limestone cobble conglomerate near Mt. Dall.
Between Denali Fault & Farewell Fault
Mzb Basalt
Mzs Argillite and graywacke
lPzkt Argillite, sandstone, graphitic phyllite. (Possible correlation with Keevy Peak - Totatlanika Schist).
Serpentine
Pzpcs Schist
lPzv Basalt & Ultramafic rocks
ULTRAMAFICS
Mzum Dunite, pyroxenite, and serpentine
North of Farewell Fault
Tcb Coal-bearing series
GRANITIC ROCKS
Tfgd, Tfcx Granodiorite - Foraker Type: Tfgd = granodiorite; Tfcx = sills & country rock.
TMcKg Granite
Tkgd, Tkgb Yentna-type intrusive: Tkgd = granodiorite; Tkgb = gabbro.
Contact (Dotted where concealed)
Fault (Dashed where approximate, dotted where concealed)
Thrust Fault (Dashed where approximate)
Strike & Dip
Cr — Mineral Deposit
Iron-stained Rocks
Bleached Zone
Tactite
Magnetic Anomaly (Positive)
Samples:
Stream Sediment
Rock
Soil
Circled if anomalous
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FIGURE 4.0 - B
GENERALIZED GEOLOGIC MAP OF PART OF THE TALKEETNA QUADRANGLE SHOWING SAMPLE AND MINERAL DEPOSIT LOCATIONS. 3/77
Scale: 1:125,000
U.S. Bureau of Mines
Contract: J0166107
FAREWELL FAULT
DENALI FAULT
DALL TREND
DALL FAULT
FORAKER PLUTON
DALL STOCK
FIG. 4.1-A(3)
FIG. 4.1-C(3)
FIG. 4.1-D
FIG. 4.2-B(2)
FIG. 4.2-B(4)
Boedecker Vein
Ruth Amphitheater
Mt Dickey
Glacier Point
Mt Goldie
Mt Russell
Mt Dall
Mt Kliskon
Fairview Mtn
Collinsville
Petersville
Hansen Bar
Sunset
Simpson Pass
Cathedral Spires
Gurney Peak
Lewis Peak
Augustin Peak
Kohlsaat Peak
Youngstown Bend
Willow
Shellabarger Pass
Tokosha Mountains
MATANUSKA-SUSITNA BOROUGH
MOUNT MCKINLEY NATIONAL PARK