EXPLANATION

PALEOZOIC(?) MESOZOIC(?) TERTIARY(?) QUATERNARY

- Qac — Alluvium & Colluvium (Locally includes moraine)
- Qm — Moraine
- Qt — Talus
- Tb — Vesicular Basalt
- Tg — Granite
- Ta — Aplite
- KTMi — Andesite(?)
- KJs — KJa, KJch, KJl, KJca
- Pzqs, Pzs, Pzcs — Pzsv — Serp — Serpentinite

Pzsv — Undivided sedimentary and volcanic rocks

Pzqs — Quartz schist and argillite

Pzs — Quartz-sericite (chlorite) schist

Pzcs — Calc schist and limestone

KJs - undivided, predominantly argillite
Pza - argillite
Pzch - chert
Pzl - limestone & calc schist
Pzca - carbonaceous argillite

Contact, generally approx. - dashed where projected or interred - dotted where concealed

Fault - dashed where inferred - dotted where concealed

Vein

Dip & Strike of Foliation & Schistocity

Trench or Shaft

Adit

Pyritic Rocks

SAMPLE SYMBOLS
- Circled symbols indicate an anomaly
- Numbers refer to index sheets (Table 4.2-c)
- U-prefix indicates a sample taken by U.S.G.S.

U81 — Stream Sediment

X73 — Rock chip or grab

⊙30 — Soil

Little Mtn

Heart Mtn

Brown Bear Basin

Cathedral

Ripsnorter

TONZONA STOCK

TONZONA FAULT

DENALI FAULT

MC KINLEY STRAND

Fig 4.2-c(3)-a

Jiles-Knudson

TRAIL

ROAD

Mine

Creek

R 16 W

R 15 W

T 32 N

T 31 N

C.C. HAWLEY AND ASSOCIATES INC.
FIGURE 4.2-C Geologic and mineral deposits map of the Boulder Creek-TONZONA area
Geology by C. Hale, G. Garcia, D. Hawley and B. Purdy 1976
Scale 1 24,000 — 2000 0 2000 Ft
BASE FROM U.S.G.S. TALKEETNA D-5
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