EXPLANATION

QUATERNARY

Pleistocene and Recent

Qls — Landslide deposits
Mainly slumped beds of Kenai Formation

Qag — Unconsolidated deposits
Include stream and beach deposits, glacial till and outwash gravel, colluvium, and small areas of landslide debris

TERTIARY

Miocene or younger

Tv — Volcanic deposits
Mainly lapilli and ash, locally stratified and slightly indurated

Oligocene(?), Miocene, and Pliocene(?)

Tku, Tkm, Tkl — Kenai Formation
Sandstone, minor conglomerate, siltstone, claystone, and coal in middle member (Tkm); mostly pebbly sandstone and conglomerate in upper and lower members (Tku and Tkl)

JURASSIC AND (OR) CRETACEOUS

KJi — Intrusive rocks
Many granitic rocks; also a few small bodies of fine-grained, in part porphyritic, rocks including basalt plug on Beluga Mountain

KJu — Undifferentiated metasedimentary rocks
Mainly slate and graywacke; locally includes volcanic and intrusive rocks

Contact
Dashed where approximately located

Fault
Dashed where inferred, dotted where concealed. U, upthrown side; D, downthrown side. Bar and ball on downthrown side

Anticline
Showing crestline. Dashed where approximately located. Short arrow indicates steeper limb

Syncline
Showing trough line and direction of plunge. Dashed where approximately located

Strike and dip of beds

Horizontal beds

Strike and dip of beds based on distant observation

Location of measured section
Number corresponds to number in text and on graphic sections

Strike and dip of overturned beds
Top of beds known

KEY TO AREAS COVERED BY MORE DETAILED MAPS
A Fairview Mountain area
B Johnson Creek area
C Canyon Creek area
D Coal Creek area
E Beluga-Chuitna River area

Beluga Mountain
Beluga Lake
Tyonek
Susitna Flats
COOK INLET
KENAI PENINSULA
TURNAGAIN ARM
CHICKALOON BAY
KNIK ARM
Skwentna
Talkeetna
Trapper Creek
Willow
Sunshine
Montana
Gateway
Kashwitna
Delta Islands
Alexander
Little Mt Susitna
Mount Susitna
Mount Spurr
Mount Gerdine
Mount Barbert
Mount Bona
Mount Bradley
Mount Hayes
Mount Foraker
Mount Hunter
Mount Dickey
Mount Russell
Mount Dickey
Mount Kimball
Mount Gerdine
Mount Barbert
Mount Bona
Mount Bradley
Mount Hayes
Mount Foraker
Mount Hunter
Mount Dickey
Mount Russell