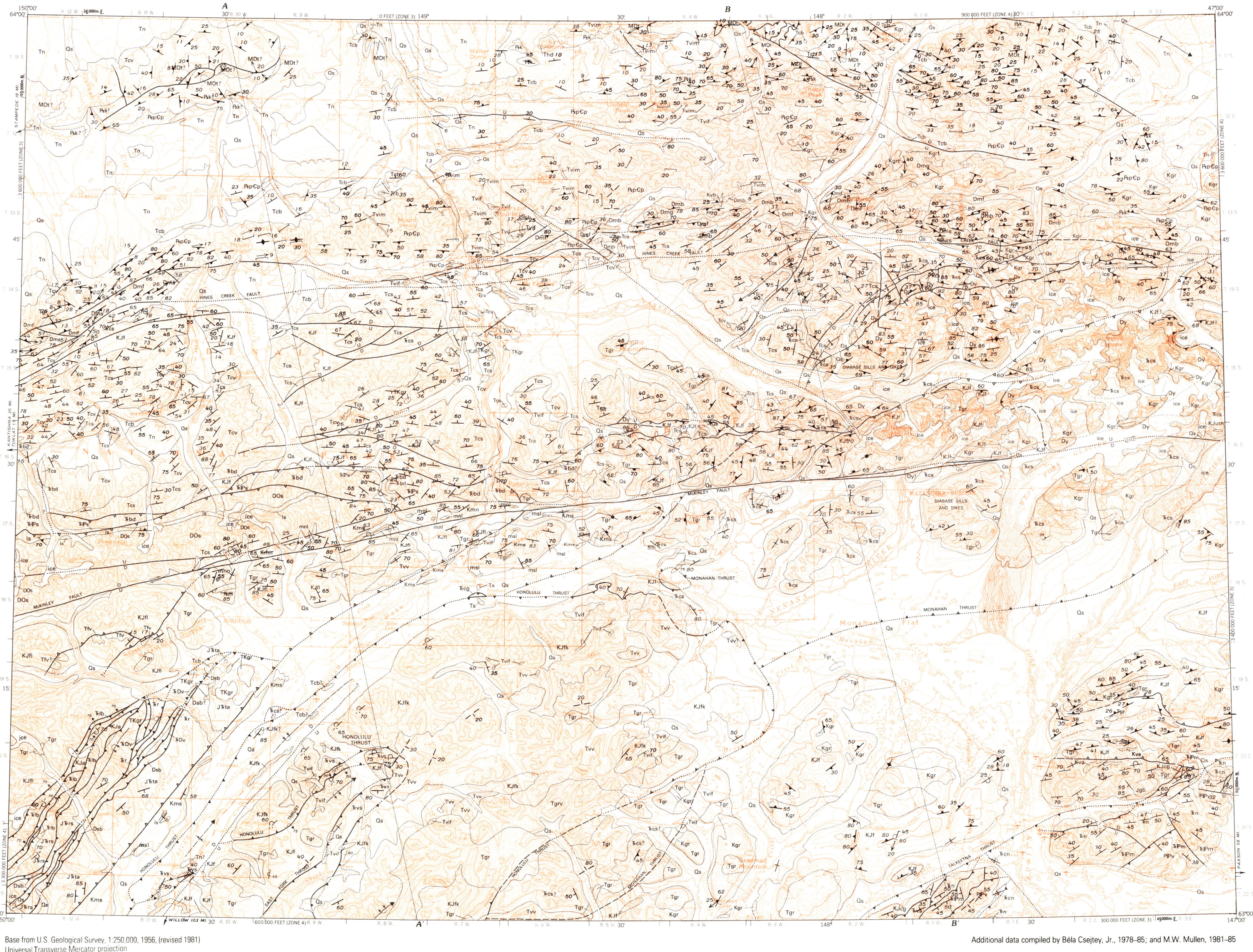
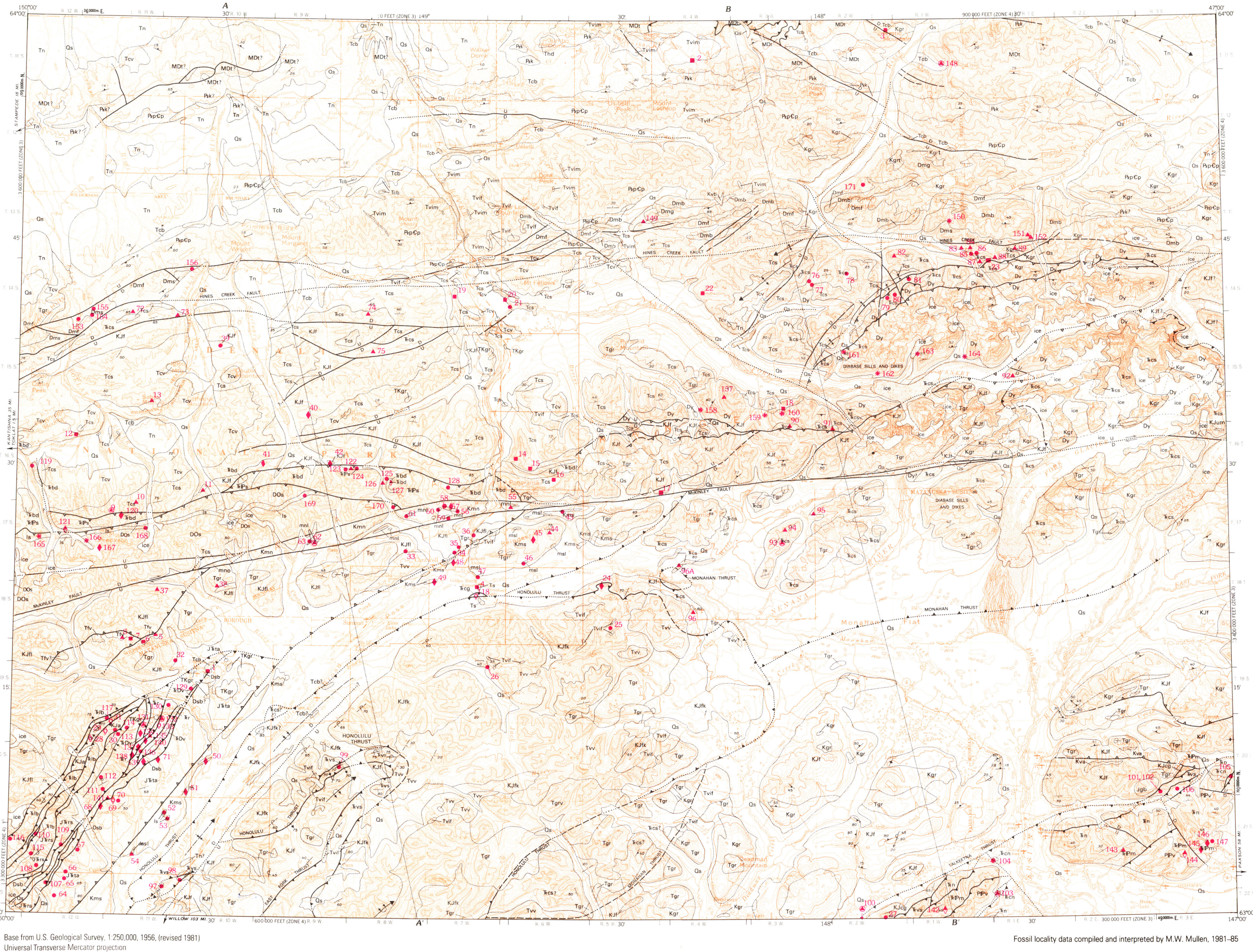




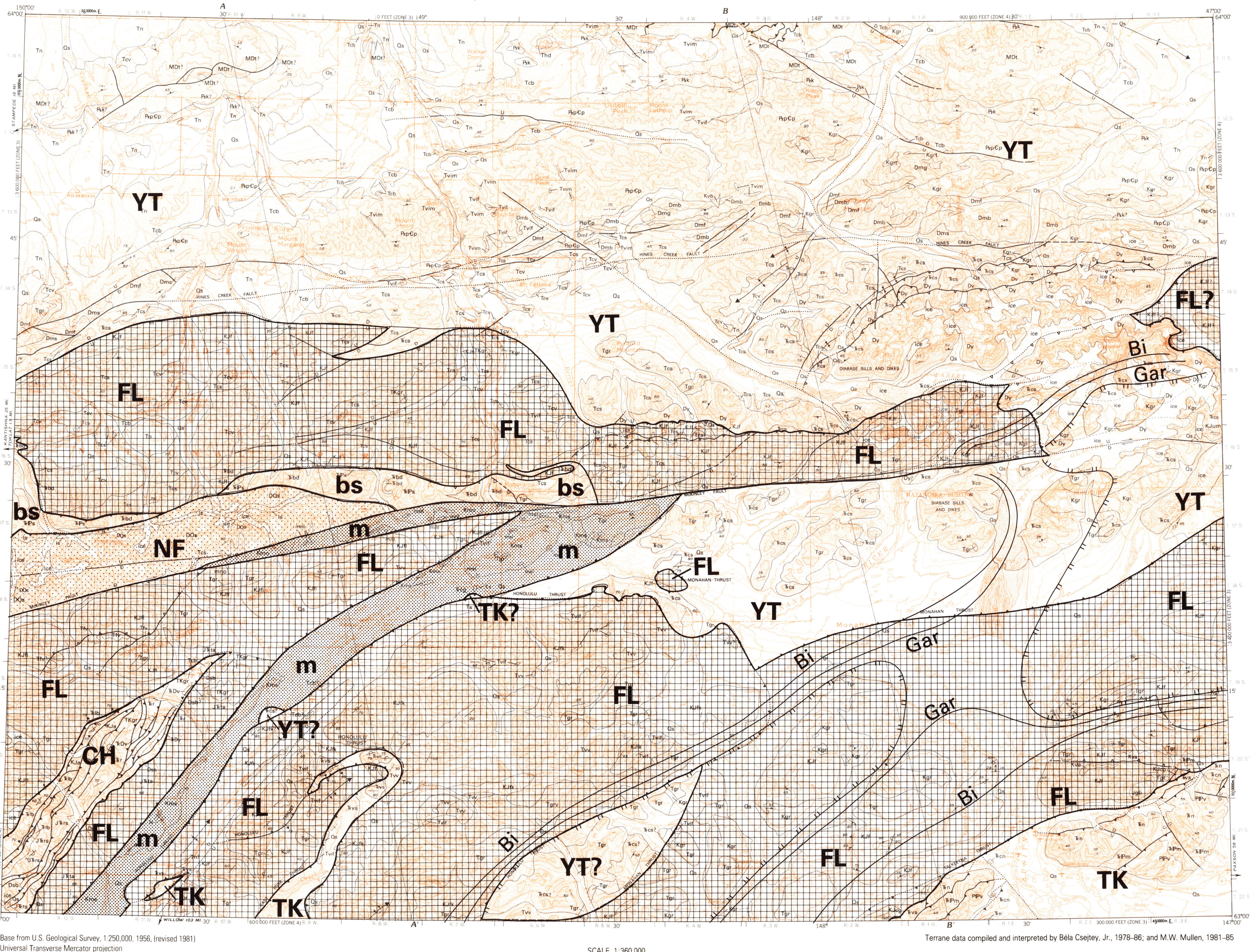
MAP A. ADDITIONAL BEDDING AND STRUCTURAL DATA



MAP B. FOSSIL LOCALITIES

GEOLOGY AND GEOCHRONOLOGY OF THE HEALY QUADRANGLE, SOUTH-CENTRAL ALASKA

By
Béla Csejtey, Jr., Michael W. Mullen, Dennis P.
Cox, and Gary D. Stricker
1992



MAP C. TECTONOSTRATIGRAPHIC TERRANE MAP AND THE APPROXIMATE EXTENT OF THE MID-CRETACEOUS MACLAREN METAMORPHIC BELT

EXPLANATION FOR MAP A (Symbols may be combined on map)

- Strike and dip of beds
 - Inclined
 - Vertical
 - Approximate inclined, estimated from distant observations
 - Overtuned
 - Approximate overtuned, estimated from distant observations
- Strike and dip of slaty or axial plane cleavage
 - Inclined
 - Vertical
- Strike and dip of metamorphic foliation, primary igneous foliation, and (or) shear planes
 - Inclined
 - Vertical
- Bearing of lineation, plunge shown where known
 - Inclined
- Strike and dip of joints
 - Inclined
 - Vertical

EXPLANATION FOR MAP B

- Fossil localities—Numbers refer to table 2 in accompanying pamphlet. Symbols combined for multiple occurrences
- Plant fossils
- Mega-invertebrates
- Conodonts
- Radiolarians
- Barren

EXPLANATION FOR MAP C

- YT** Tectonostratigraphic terranes—Queried where correlation is uncertain Yukon-Tanana terrane
- TK** Talkeetna superterrane
- NF** Nixon Fork terrane
- FL** Para-autochthonous flysch deposits and associated rocks
- CH** Rocks of the Chulitna district (Chulitna terrane of Jones and others, 1983)
- m** Melange
- bs** Basalts and sedimentary rocks of unknown relation (part of the McKinley terrane of Jones and others, 1983)
- Metamorphic features of the Maclaren metamorphic belt
 - Approximate extent of amphibolite facies metamorphism—Hachures face toward amphibolite-facies rocks
- Bi** Metamorphic isograd—Approximately located. Bi, Biotite; Gar, Garnet

EXPLANATORY NOTE:
In constructing the terrane map and the extent of the Maclaren metamorphic belt, sedimentary and volcanic rocks of Cenozoic age and plutonic rocks of Cretaceous and Tertiary ages have been omitted for clarity.

Note: See sheet 1 for explanation of geologic map symbols and geologic mapping credit. Also see explanatory pamphlet for additional discussion of data on maps B and C.



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sheet 2 of 2
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