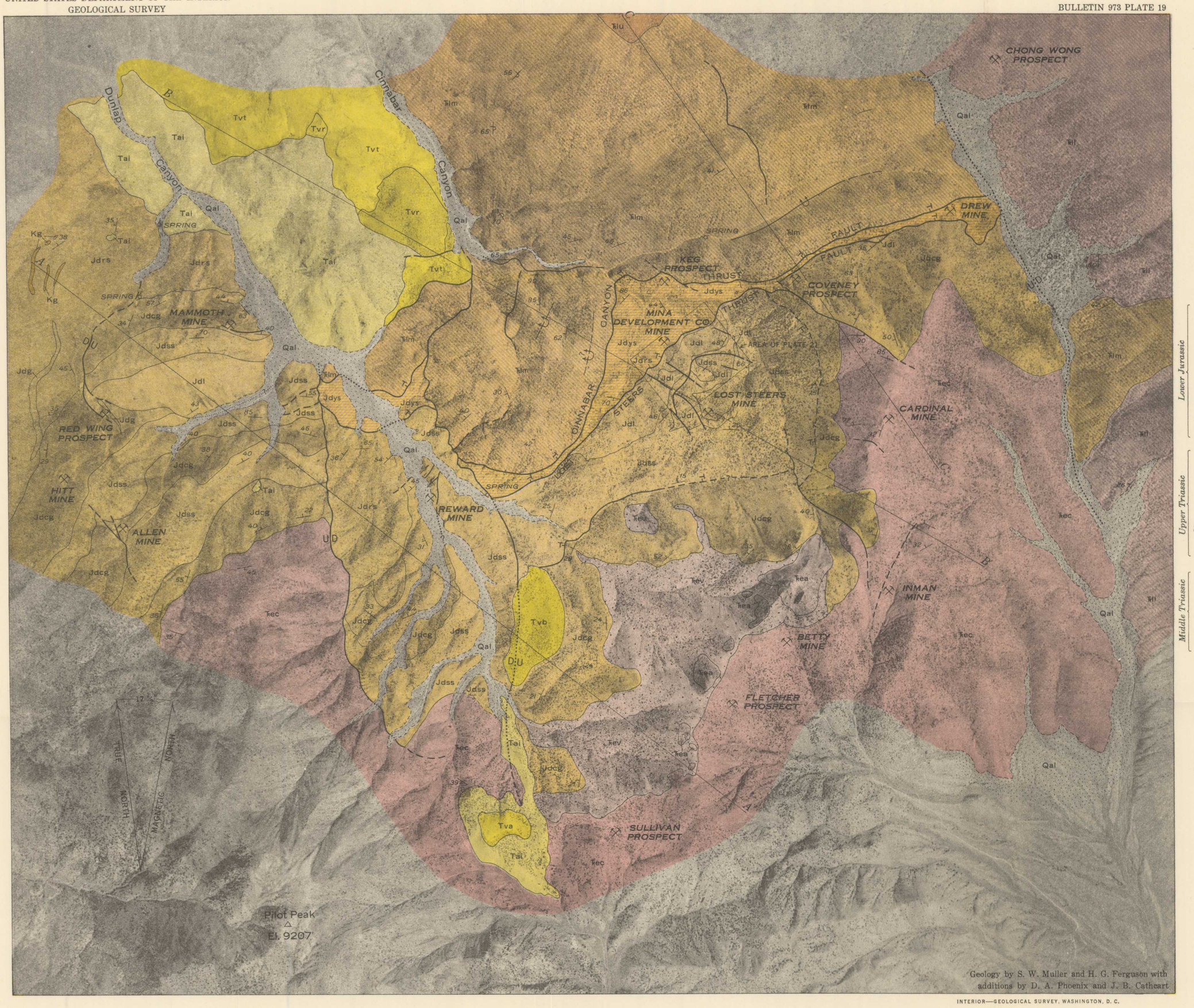


INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.

EXPLANATION

QUATERNARY

Qal — Valley-fill and slope-wash deposits

TERTIARY

Tv — Interbedded volcanic rocks
Rhyolite, Tvr; *basalt*, Tvb; *andesite flows*, Tva; *tuff*, Tvt

Tai — Hornblende andesite

CRETACEOUS (?)

Kg — Gabbro
Intrusive into the Dunlap formation

JURASSIC

Lower Jurassic

Jdys — Dunlap (?) formation
Yellow limy shale

Jd — Dunlap formation
Limestone, Jdl; *sandstone*, Jdss; *red shale*, Jdrs; *conglomerate*, Jdcg; *and local greenstone flows*, Jdg

TRIASSIC

Upper Triassic

Ꞧlu, Ꞧlm, Ꞧll — Luning formation
Upper member, massive limestone, Ꞧlu; *middle member, shale and conglomerate*, Ꞧlm; *lower member, thin-bedded limestone with some shale and sandstone*, Ꞧll

Middle Triassic

Ꞧea, Ꞧev, Ꞧec — Excelsior formation
Hornblende andesite, Ꞧea; *altered hornblende andesite*, Ꞧev; *chert, quartzite, and slate*, Ꞧec

Contact
Dashed where approximately located; dotted where concealed

U D — Fault
Dashed where approximately located; dotted where concealed. U, upthrown side; D, downthrown side

Thrust fault
Dashed where approximately located; dotted where concealed

Overturned anticline

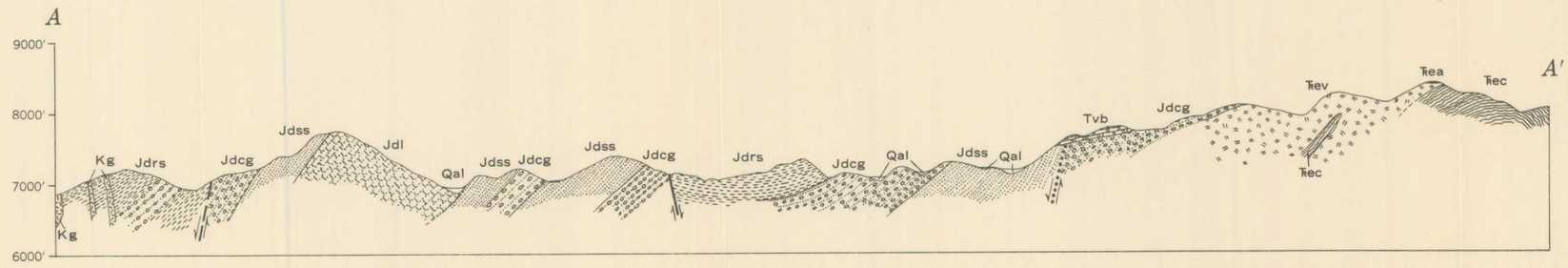
40 — Strike and dip of beds

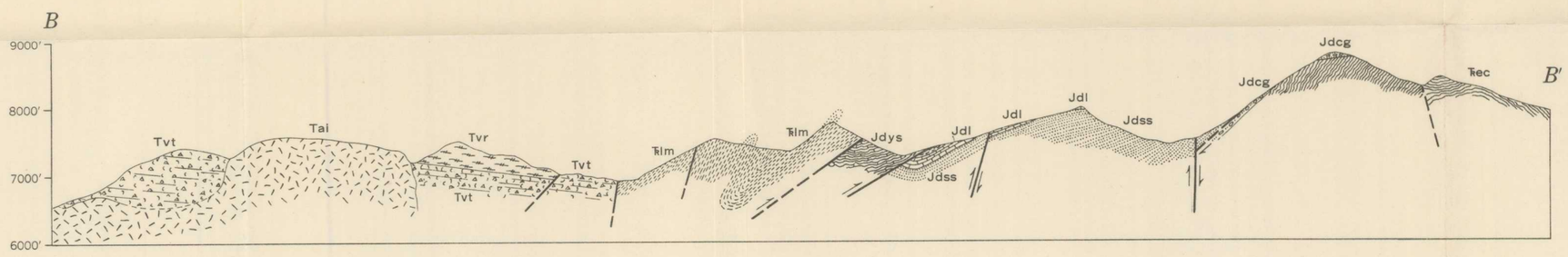
70 — Strike and dip of overturned beds

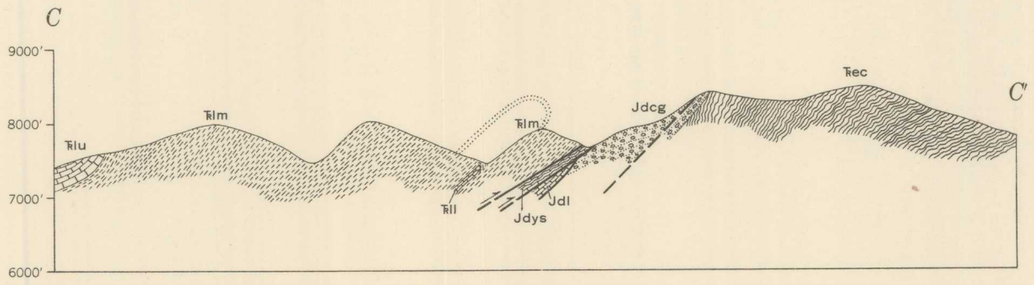
90 — Strike of vertical beds

Mine or prospect

Mineral monument







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GEOLOGIC MAP AND SECTIONS OF THE PILOT MOUNTAINS QUICKSILVER DISTRICT, MINERAL COUNTY, NEVADA

1000 0 5000 Feet

Datum is mean sea level