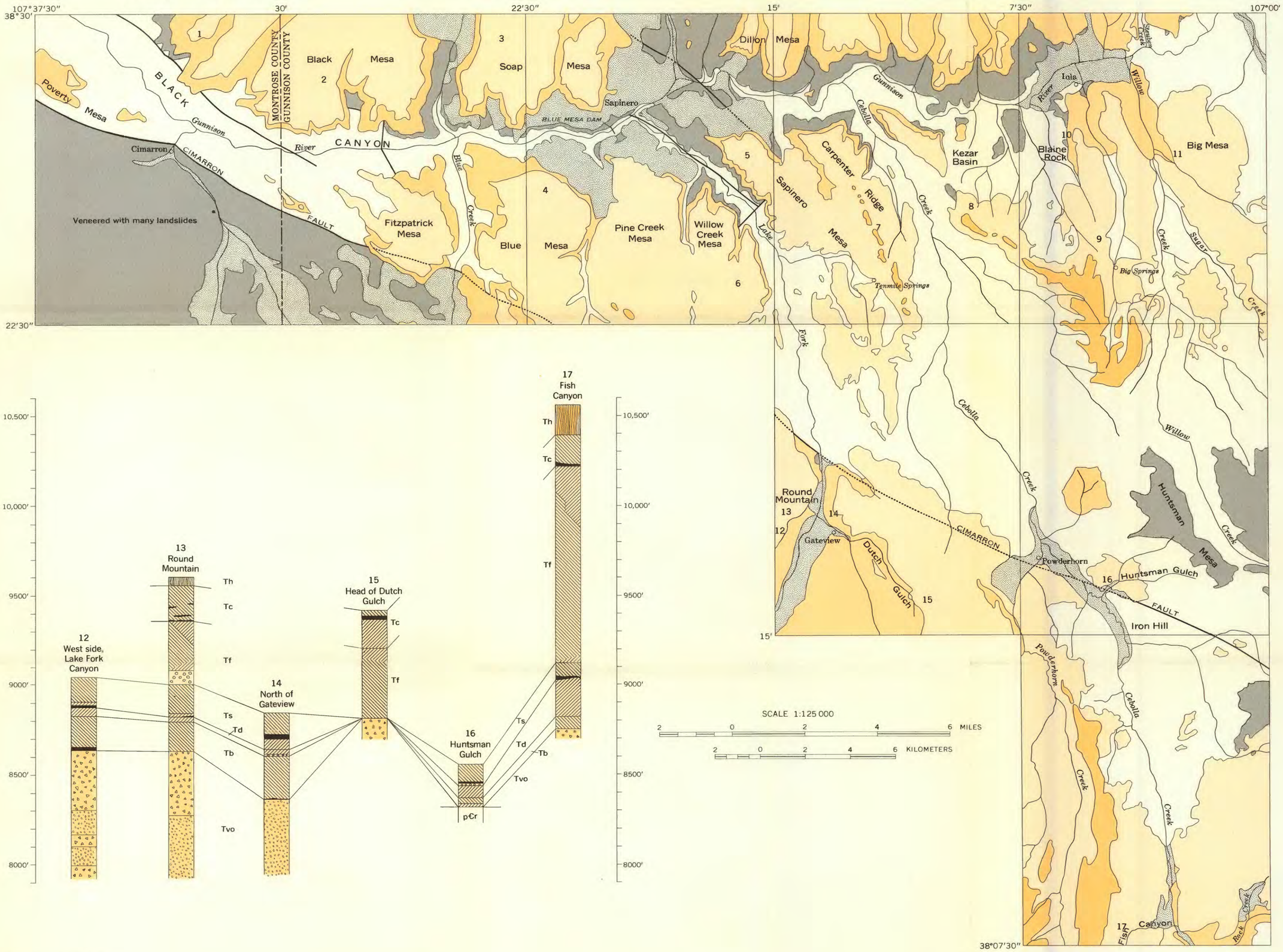


EXPLANATION

Letter symbols used only in columnar sections

QUATERNARY

Landslide, alluvial, and glacial deposits

TERTIARY

Pliocene(?)

Th — Hinsdale Formation

Oligocene

Ash-flow formations
Tc, *Carpenter Ridge Tuff*
Tf, *Fish Canyon Tuff*
Ts, *Sapinero Mesa Tuff*
Td, *Dillon Mesa Tuff*
Tb, *Blue Mesa Tuff*

Oligocene or older

Tvo — Older volcanic rocks

Mzr — Mesozoic sedimentary rocks

p€r — Precambrian rocks

Contact

Fault
Dotted where concealed

12
Location of section

LITHOLOGIC SYMBOLS

Shown on columnar sections

Nonwelded tuff

Welded tuff, commonly devitrified

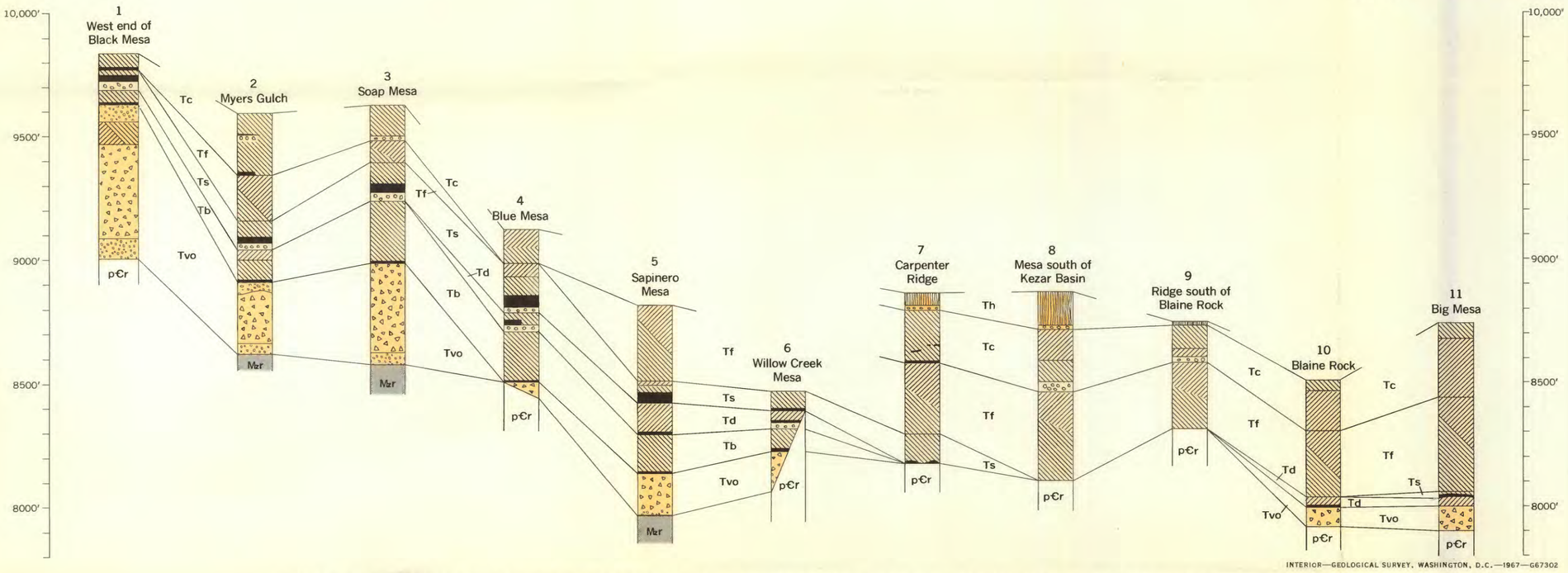
Vitrophyre

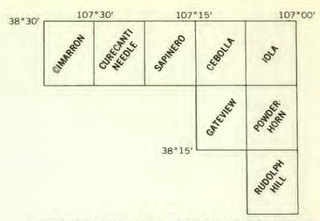
Gravel

Flows

Flows, breccia, and tuff

Gravel and conglomerate





LOCATION OF 1:24,000 QUADRANGLES FROM WHICH BASE WAS PREPARED

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1967—G67302

(200)
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mr. 1251-C
GEOLOGICAL SURVEY
APR 16 1968

GENERALIZED GEOLOGIC MAP AND SECTIONS SHOWING DISTRIBUTION OF TERTIARY VOLCANIC ROCKS IN THE POWDERHORN-BLACK CANYON REGION, GUNNISON AND MONTROSE COUNTIES, COLORADO