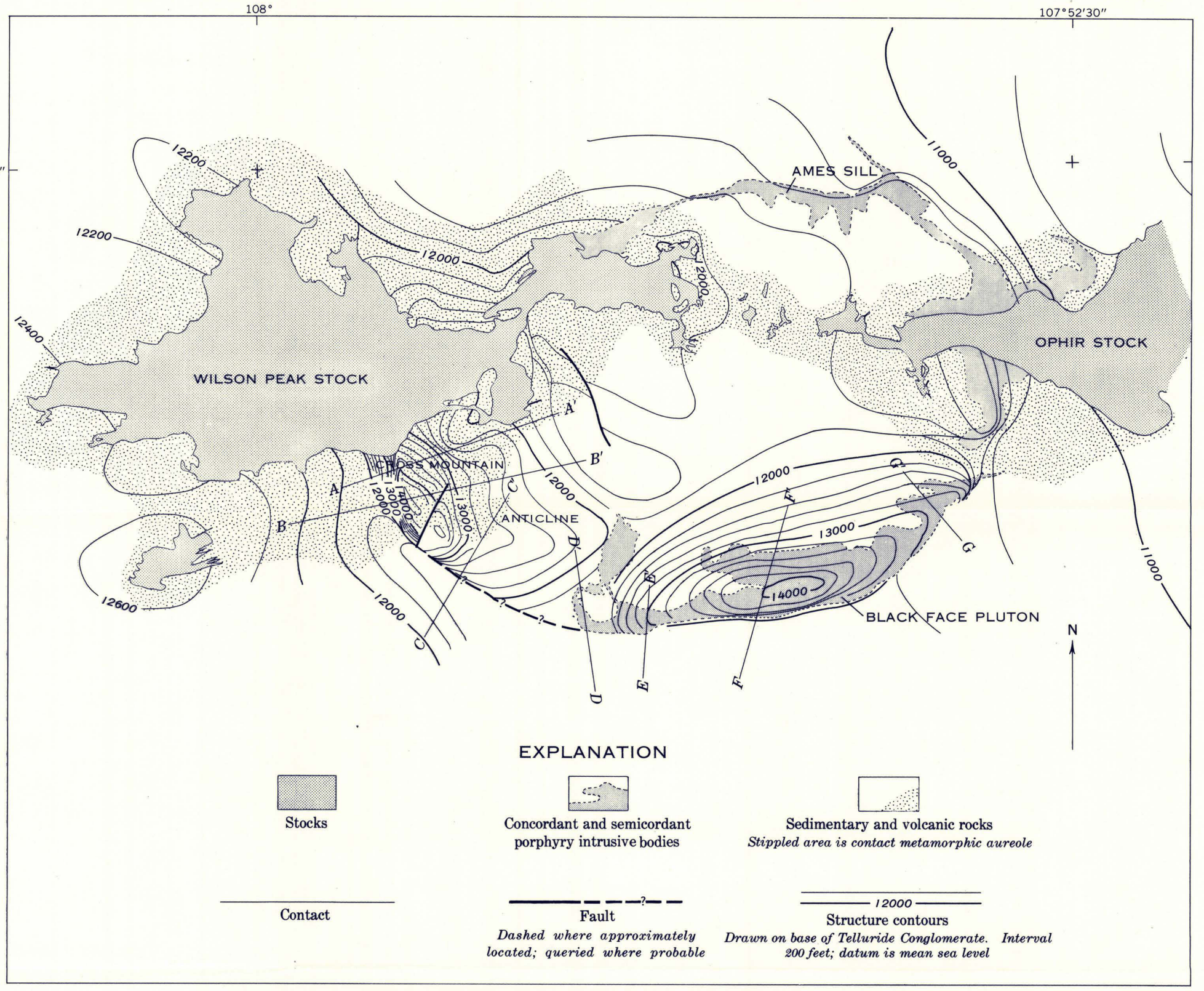
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PREPARED ON BEHALF OF THE
U.S. ATOMIC ENERGY COMMISSION

BULLETIN 1227
PLATE 4



EXPLANATION

Stocks

Concordant and semicordant porphyry intrusive bodies

Sedimentary and volcanic rocks
Stippled area is contact metamorphic aureole

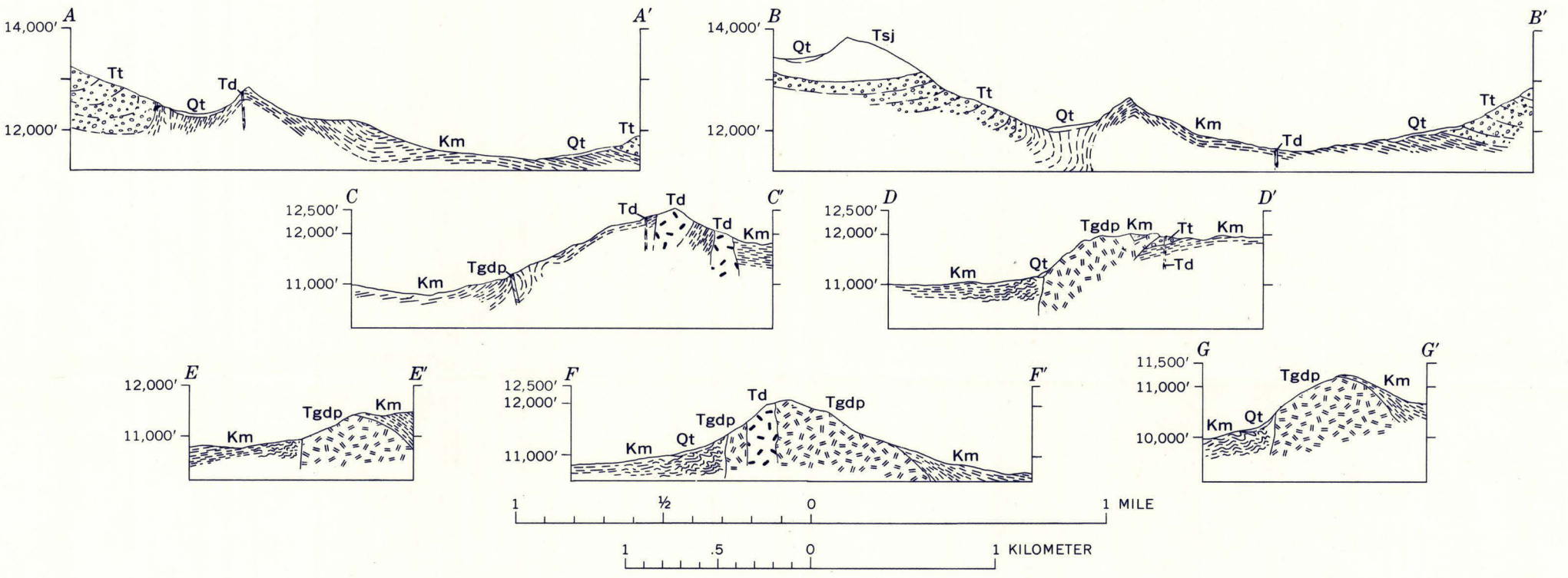
Contact

Fault
Dashed where approximately located; queried where probable

12000
Structure contours
Drawn on base of Telluride Conglomerate. Interval 200 feet; datum is mean sea level

GENERALIZED STRUCTURAL MAP

1 ½ 0 1 2 MILES
1 .5 0 1 2 KILOMETERS



EXPLANATION

Qt — Talus

Td — Small intrusives of intermediate composition

Tsj — San Juan Formation

Tt — Telluride Conglomerate

Km — Mancos Shale

Tgdp — Granodiorite porphyry

DIAGRAMMATIC CROSS SECTIONS OF CROSS MOUNTAIN ANTICLINE AND BLACK FACE PLUTON

GENERALIZED STRUCTURAL MAP AND SECTIONS OF THE EASTERN SAN MIGUEL MOUNTAINS

239-753 O - 67 (In pocket) No. 3