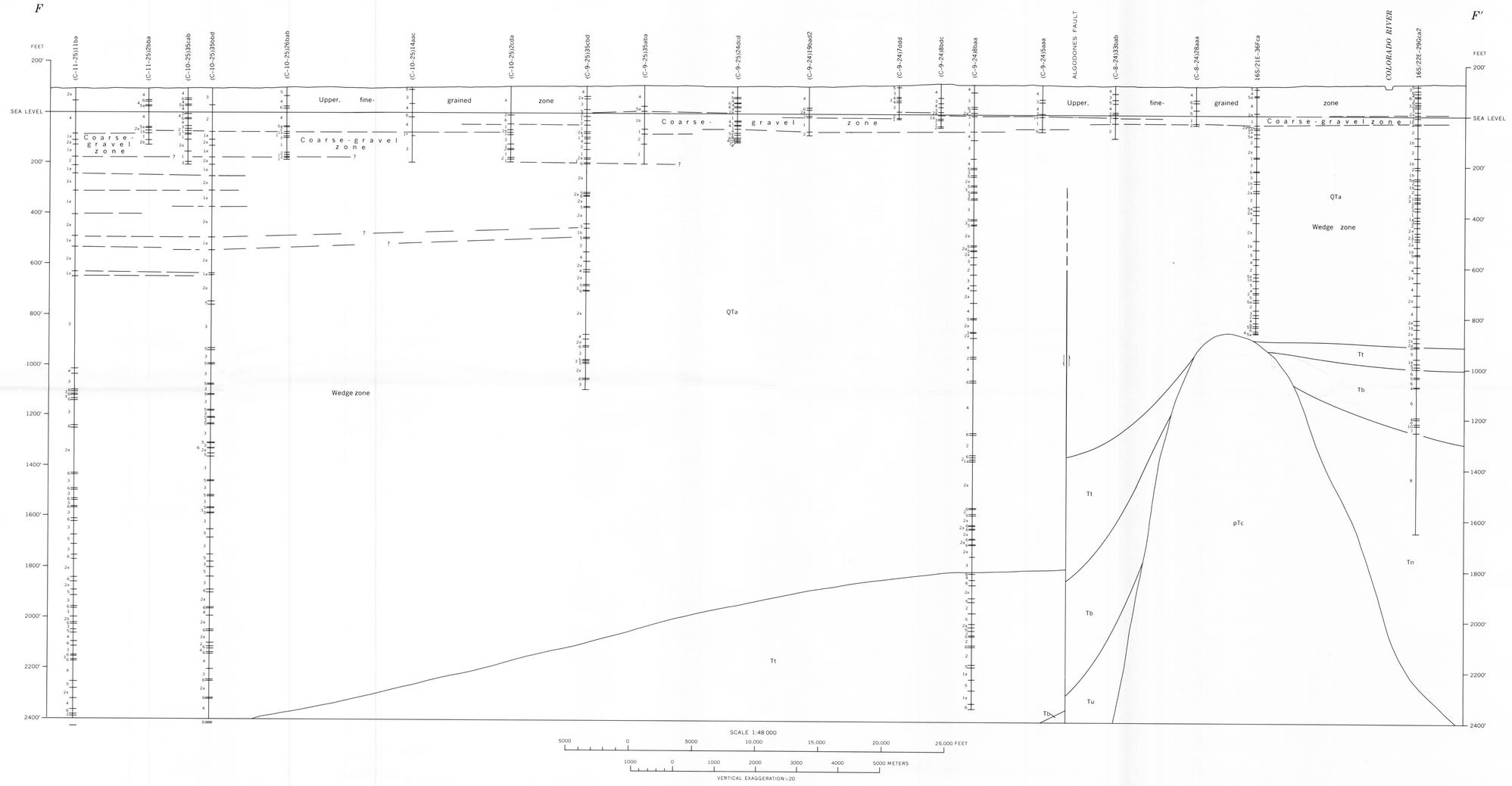


EXPLANATION

QTa
Alluvium and minor windblown deposits
Include both older and younger alluviums, and locally, this deposits of windblown sand. At most places beneath the river valleys and Yuma Mesa include the following hydrogeologic units: Wedge zone; coarse-gravel zone; and upper, fine-grained zone

Tt
Transition zone
Interbedded or interfingering alluvium and marine sedimentary rocks

Tb
Bouse Formation
Marine sedimentary rocks

Tu
Undivided marine and nonmarine sedimentary rocks

Tn
Nonmarine sedimentary rocks

pTc
Crystalline rocks

Contact
Dashed where approximately located; queried where doubtful

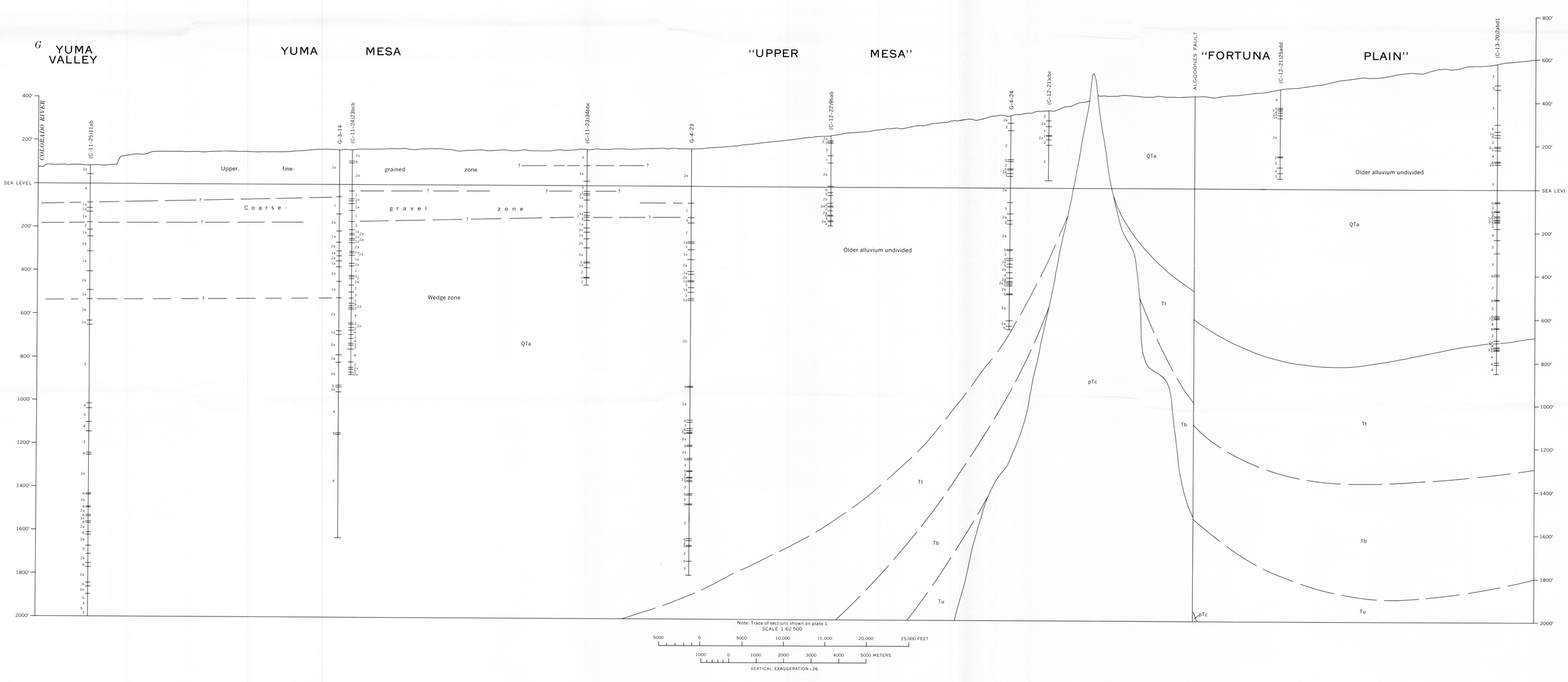
Fault
Dashed where approximately located. Arrows indicate direction of relative movement

TERTIARY AND QUATERNARY
TERTIARY
PRE-TERTIARY

LITHOLOGIC SYMBOLS

1 Gravel, coarse gravel, clean gravel
1a Conglomerate, cemented gravel
1b Gravel and sand, fine gravel, sandy gravel, pea gravel
2 Sand and gravel, gravely sand
2a Sand and scattered gravel
2b Sandstone, cemented sand
3 Sand
4 Sand and silt, silty sand, sand and little clay
5 Silt, sand and clay, sandy clay, clayey sand
5a Clay and gravel; clay, sand, and gravel
6 Clay, silty clay, clayey silt
7 Limestone, limy sandstone
8 Coarse fanglomerate
10 Tuff or ash

SCALE 1:48 000
5000 0 5000 10,000 15,000 20,000 25,000 FEET
1000 0 1000 2000 3000 4000 5000 METERS
VERTICAL EXAGGERATION ×20



Note: Trace of sections shown on plate 1
SCALE 1:62 500
5000 0 5000 10,000 15,000 20,000 25,000 FEET
1000 0 1000 2000 3000 4000 5000 METERS
VERTICAL EXAGGERATION ×26

GEOLOGIC SECTIONS *F-F′* ALONG LIMITROPHE SECTION OF COLORADO RIVER AND *G-G′* ALONG SOUTHERLY INTERNATIONAL BOUNDARY, YUMA AREA, ARIZONA AND CALIFORNIA

505-243 O - 74 (In pocket) No. 6