EXPLANATION

TERTIARY AND QUATERNARY

QT — Volcanic rocks and alluvial gravels

JURASSIC AND CRETACEOUS

KJp — Plutonic rocks

JURASSIC

Ju — Ultramafic rocks

Upper Jurassic

Western fault block

Jcf, Jch — Copper Hill volcanics
Jch, *mafic volcanic rocks;* Jcf, *felsic volcanic rocks*

Js — Salt Spring slate

Jgs, Jg — Gopher Ridge volcanics
Jg, *mafic volcanic rocks;* Jgs, *black slate*

Central fault block and fault zones

Jvu — Volcanic rocks of uncertain stratigraphic position

Jeu — Epiclastic rocks of uncertain stratigraphic position

Amador group

Jl — Logtown Ridge formation

Jc — Cosumnes formation

gs — Green schist

Pc, Pcl — Calaveras formation
Pc, *chiefly phyllite and pyroclastic rocks, some sandstone, limestone and chert;* Pcl, *limestone*

Eastern fault block

PERMIAN

Pcc — Calaveras formation

LITHOLOGY

Various symbols are combined to show interbedded lithologic types

Tuff
Volcanic breccia
Lava
Massive porphyritic volcanic or hypabyssal rock
Pillow lava
Slate
Sandstone
Thin-bedded chert and slate
Limestone
Conglomerate
Schistose metavolcanic rock
Schistose metasedimentary rock, generally showing marked lineation
Schistose plutonic rock
Massive metavolcanic rock

Contact
Dashed where approximately located; short dashed where projected in plane of observation; dotted where inferred

Fault
Dashed where approximately located; queried where doubtful; short dashed where projected in plane of observation

Small fault showing dip

Shear zone

Bearing and plunge of minor folds showing trace of bedding

Strike and dip of beds

Strike and dip of overturned beds

Strike of vertical beds

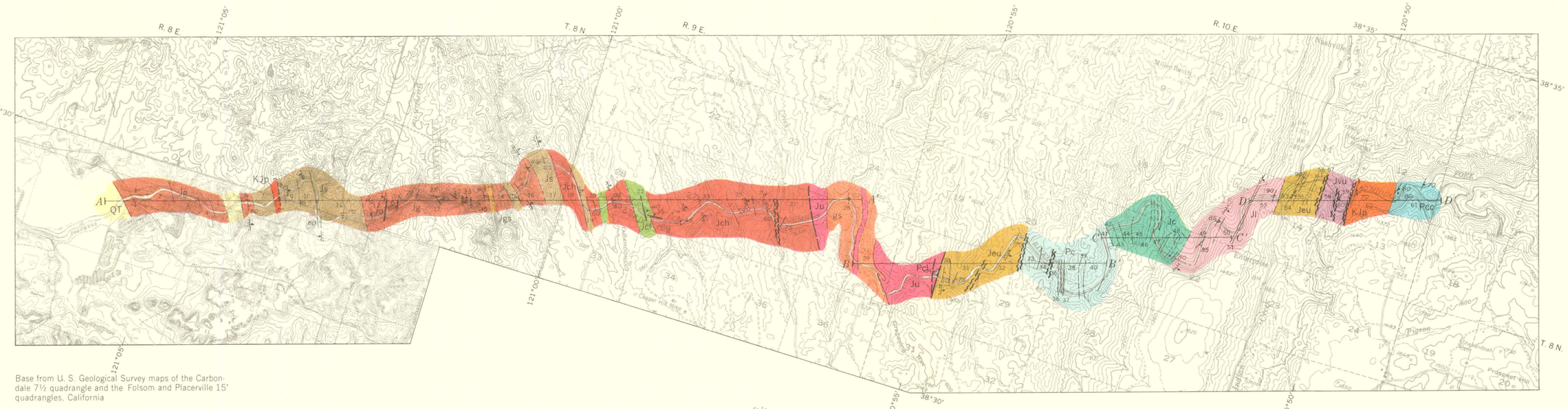
Map — Section

Tops of beds
Determination based on: a, graded bedding; b, pillow lava. Plotted along strike with point of observation

Generalized strike and dip of folded beds

Strike and dip of schistosity

Strike and dip of schistosity, showing bearing and plunge of lineation



Base from U. S. Geological Survey maps of the Carbondale 7½ quadrangle and the Folsom and Placerville 15' quadrangles, California

Geology mapped by L. D. Clark, 1953 and compiled from G. R. Heyl, J. H. Eric and M. W. Cox (plate 10, this report)

Note: Numbers refer to units described in Table 6

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1964—G61165

GEOLOGIC MAP AND COMPOSITE SECTION ALONG THE COSUMNES RIVER, CALIFORNIA

SCALE 1:62 500

1 ½ 0 1 2 3 MILES

1 .5 0 1 2 3 4 KILOMETERS

CONTOUR INTERVALS 10, 25 AND 80 FEET
DATUM IS MEAN SEA LEVEL