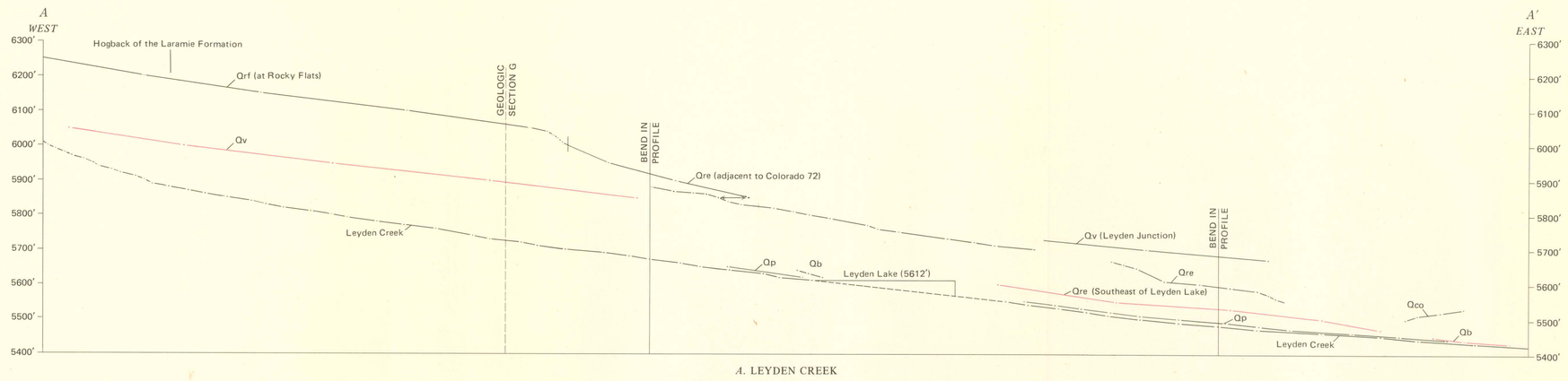
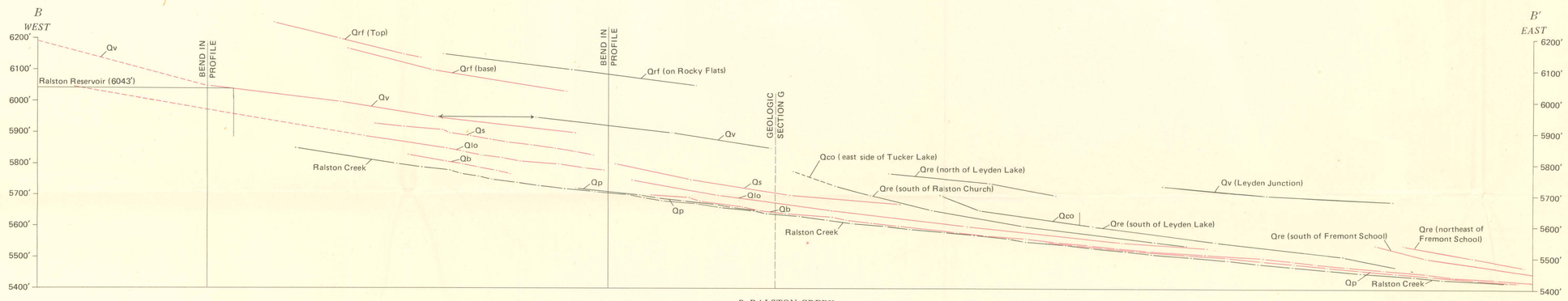
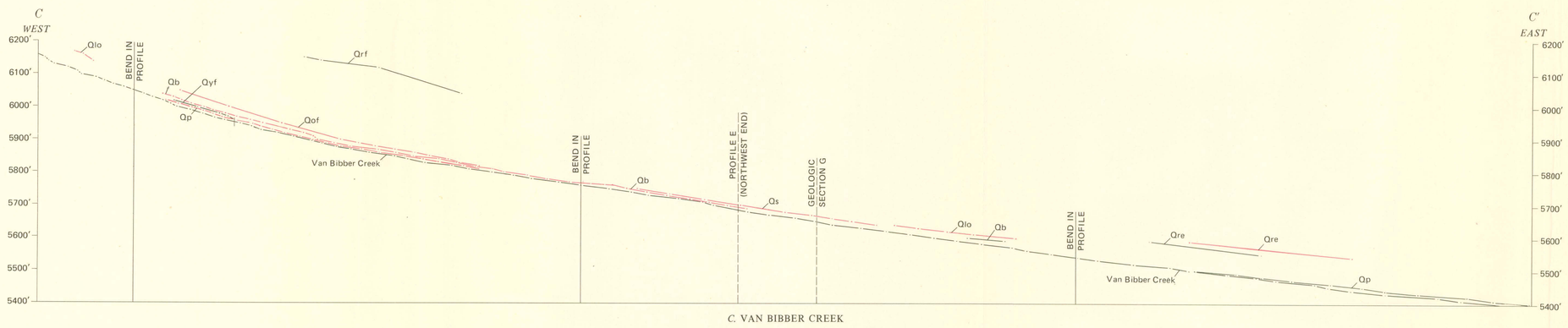


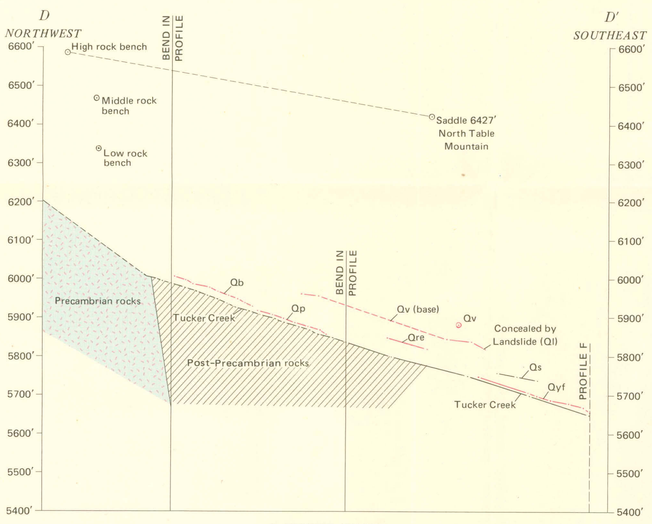
A. LEYDEN CREEK



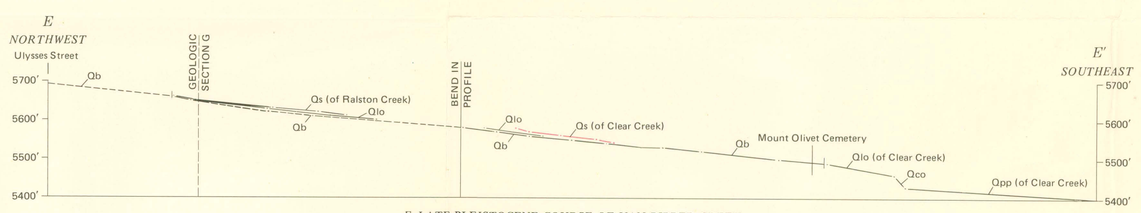
B. RALSTON CREEK



C. VAN BIBBER CREEK

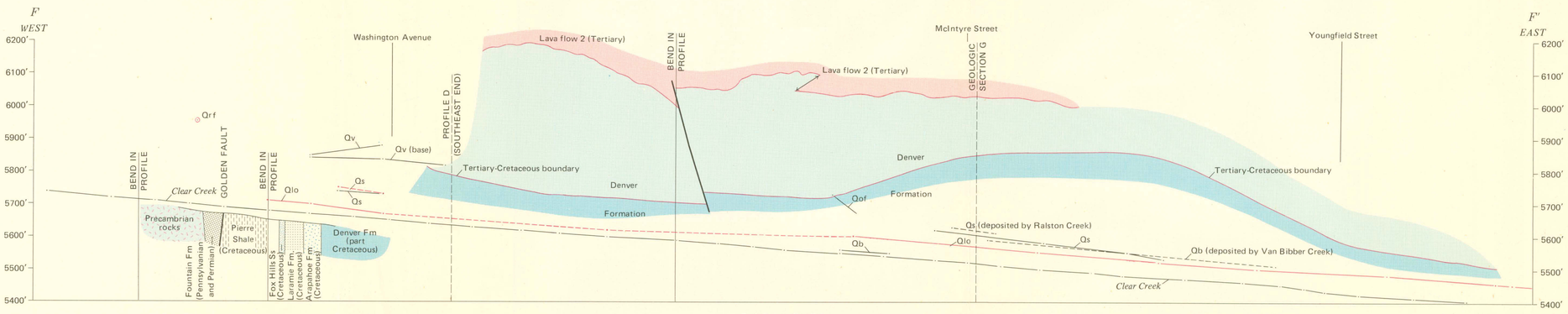


D. TUCKER CREEK

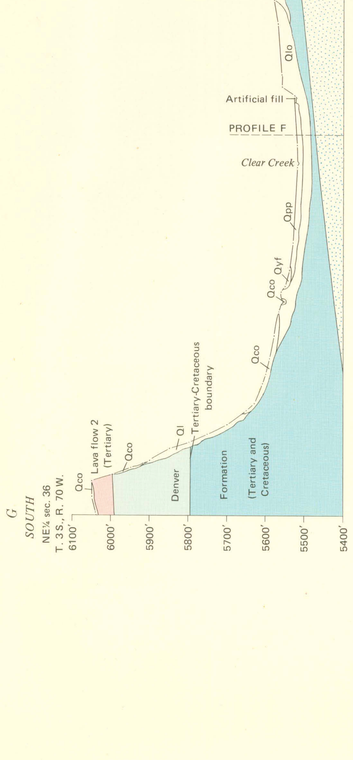


E. LATE PLEISTOCENE COURSE OF VAN BIBBER CREEK

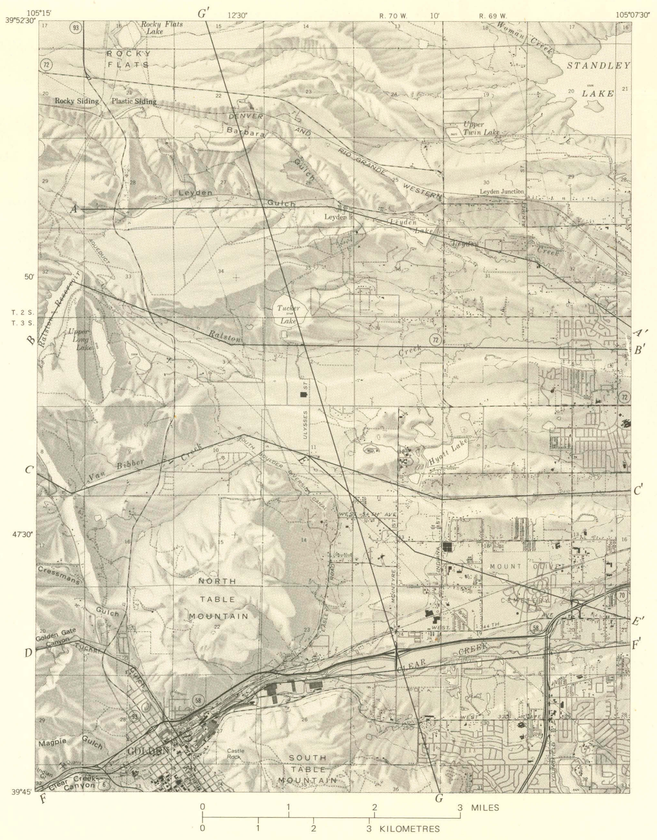
Stream bed and Piney Creek Alluvium (Qp) not shown



F. CLEAR CREEK



G. THREE MILES EAST OF AND PARALLEL TO THE FRONT RANGE



Index map showing locations of longitudinal stream profiles *A-F* and geologic section *G*. Base from U.S. Geological Survey Golden 7½-minute quadrangle (shaded relief), scale 1:24,000, 1965.

EXPLANATION

HOLOCENE DEPOSITS

Qpp	Post-Piney Creek alluvium
Qp	Piney Creek Alluvium

HOLOCENE AND PLEISTOCENE DEPOSITS

Ql	Landslide
Qco	Colluvium
Qre	Transported mantle
Qyf	Young alluvial fan

PLEISTOCENE DEPOSITS

Qof	Old alluvial fan
Qb	Broadway Alluvium
Qlo	Louviers Alluvium
Qs	Slocum Alluvium
Qv	Verdos Alluvium
Qrf	Rocky Flats Alluvium

Order does not show age relations

RELICT SURFACE OF A SURFICIAL DEPOSIT – Dashed where inferred. Dot indicates point at which elevation was measured. "(base)" indicates that the profile was drawn on the base of the deposit

North side of creek

South side of creek

BEDROCK CONTACT – Poorly exposed or concealed

FAULT – Poorly exposed or concealed

ARROWS – Indicate the different position on the profile of a point projected from the stream due to a change in the stream direction

PROFILES OF MAJOR STREAMS IN THE GOLDEN QUADRANGLE, COLORADO, AND THEIR RELATION TO THE NEARBY GEOLOGIC UNITS

SCALE 1:24 000

1 ½ 0 1 MILE

1 .5 0 1 KILOMETRE

VERTICAL EXAGGERATION × 8

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