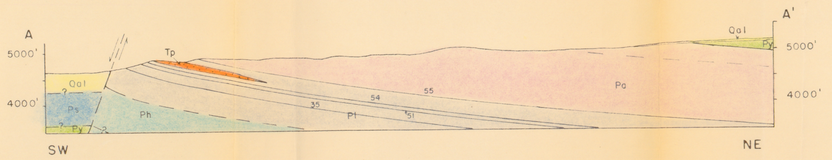
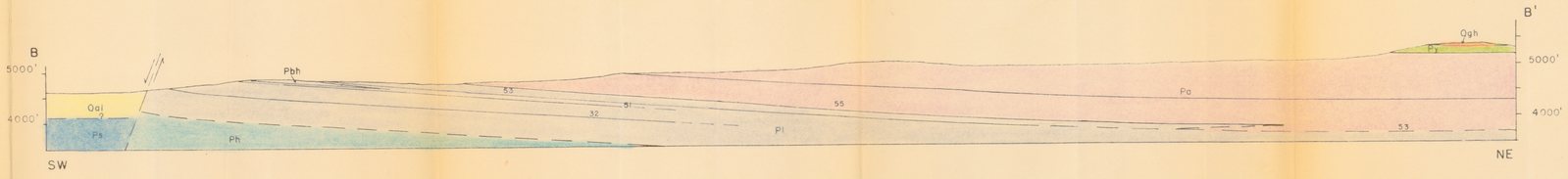
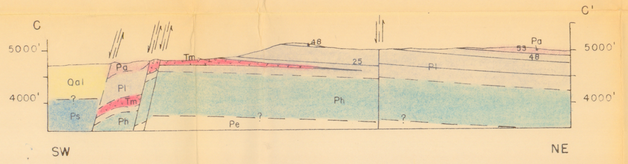
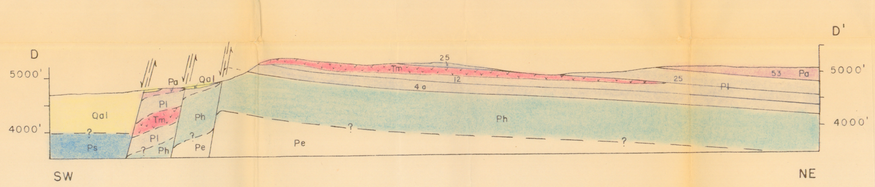
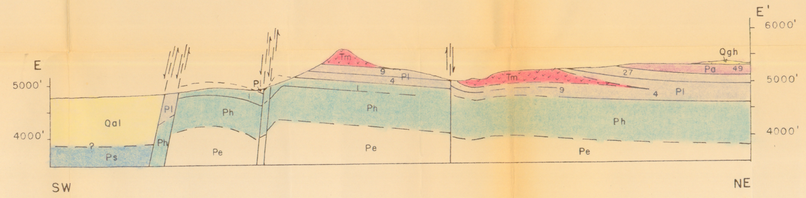
Otte. C-1954
pl. 3

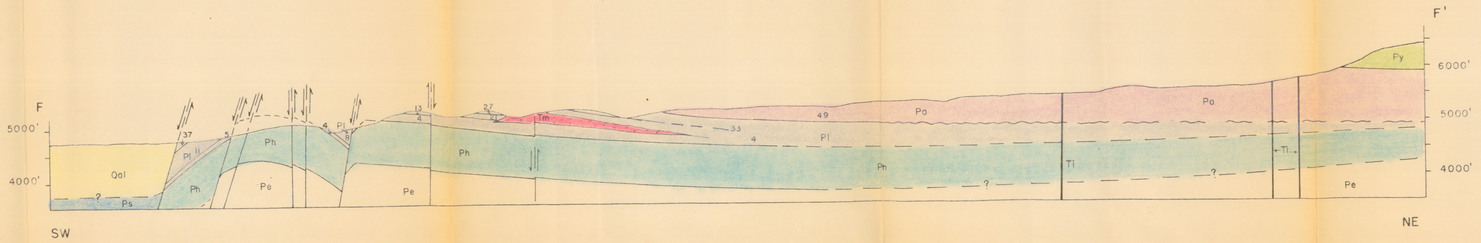


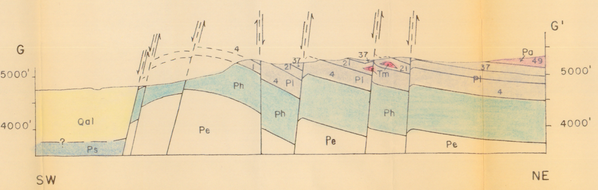


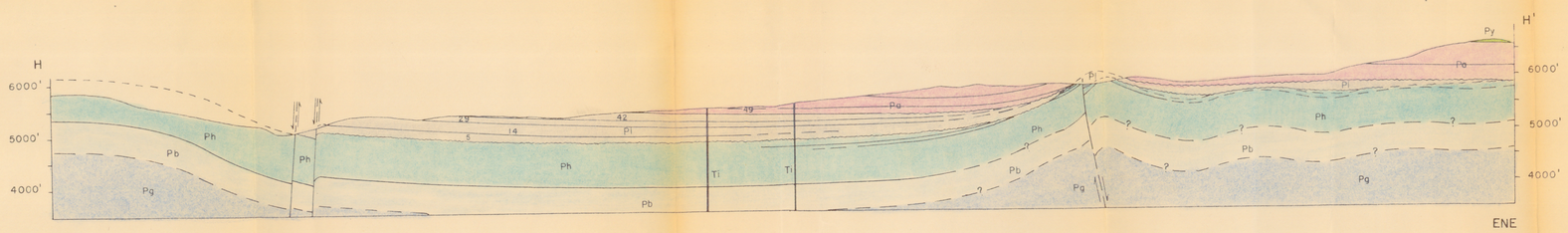


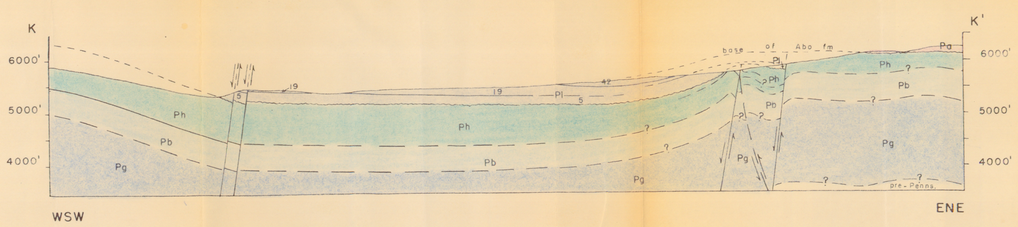


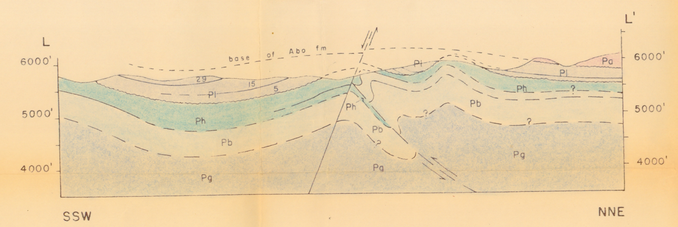


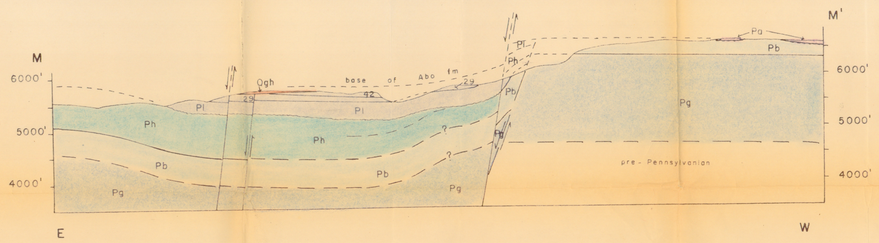


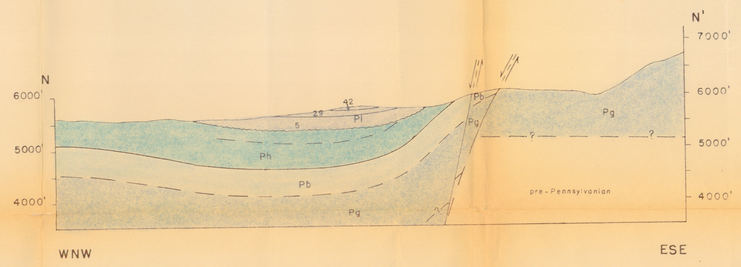












EXPLANATION

- Qal — Recent alluvium, pediment gravels and older valley fill
- Qgh — Older gravel deposits
- Ps — San Andres formation
- Py — Yeso formation
- Pa — Abo formation
- Pbh / Pl — Laborcita formation with biohermal lenses
- Ph — Holder formation
- Pb — Beeman formation
- Pg — Gobbler formation
- Pe — pre-Virgilian Pennsylvanian

QUATERNARY

PERMIAN

PENNSYLVANIAN

- Tp — Andesite porphyry
- Tm / Ti — Micromonzonite; Intrusive dikes; undifferentibted

TERTIARY (?)

- Unconformity
- 37 — Mapped key bed

On structure sections DD', EE', FF' and GG' the actual base of the Laborcita formation occurs approximately 30' above key bed 4 or 4a (see plate 4). The base of the Abo formation is toward the north and west (?) formed by the base of beds 49 and 53 and the top of bed 55 successively. (plates 4 and 13)

GEOLOGIC STRUCTURE SECTIONS ACROSS THE NORTHERNMOST SACRAMENTO MOUNTAINS OTERO COUNTY, NEW MEXICO

by

CARL OTTE

(Exact locations on Plates 1 and 2)

Horizontal and Vertical Scale

1 0.5 0 1 2 miles

0 2000 4000 feet