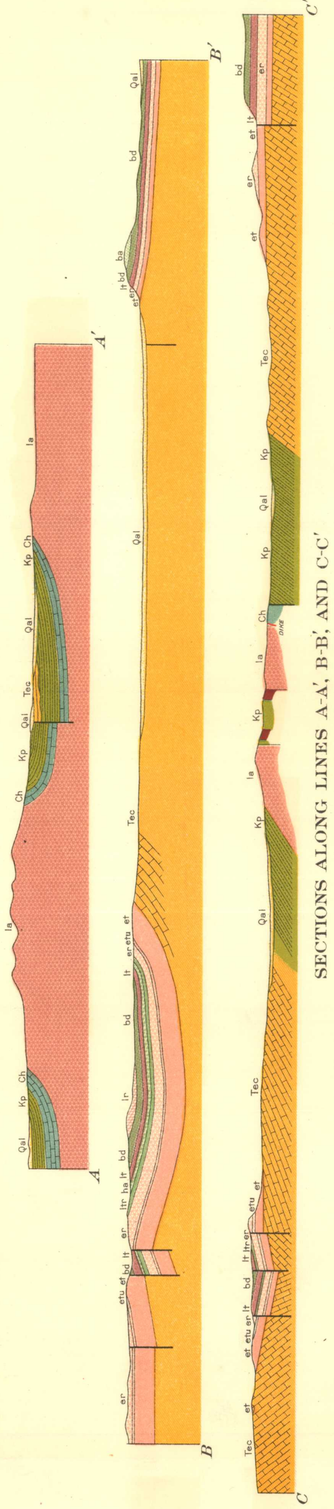
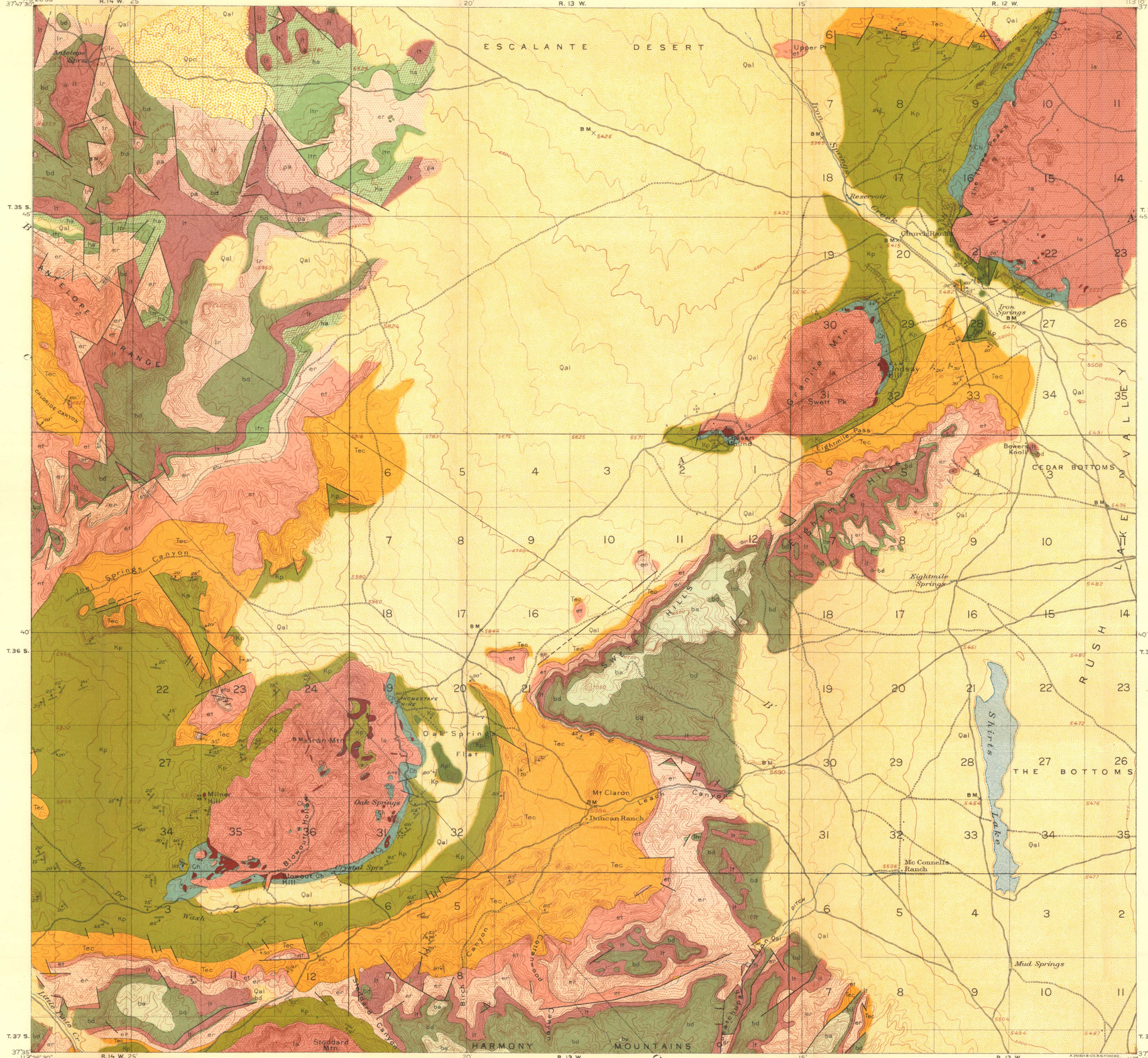
U. S. GEOLOGICAL SURVEY
GEORGE OTIS SMITH, DIRECTOR

BULLETIN NO. 338 PL. II

SECTIONS ALONG LINES A-A', B-B', AND C-C'





LEGEND

SEDIMENTARY ROCKS

- Qal — Lake, stream, and outwash deposits (gravel, sand, and clay) — Pleistocene, Recent — QUATERNARY
- Qpc — Conglomerate — Pleistocene, Recent — QUATERNARY
- Tec — Claron limestone (including some conglomerate and sandstone) — Eocene — TERTIARY
- Kp — Pinto sandstone (including some shale and conglomerate) — CRETACEOUS AND JURASSIC
- Kpl — Limestone lenses in Pinto sandstone — CRETACEOUS AND JURASSIC
- Ch — Homestake limestone (blue limestone) — CARBONIFEROUS
- Iron ore deposits — CARBONIFEROUS

IGNEOUS ROCKS

- ba — Biotite-hornblende-pyroxene andesite (andesite with volcanic breccia and conglomerate)
- ltr — Late tuffaceous rhyolite (rhyolitic tuff with agglomerate at base)
- bd — Biotite dacite
- pa — Pyroxene andesite (agglomerate and breccia)
- lt — Latest trachyte
- ha — Hornblende andesite (agglomerate and breccia)
- ltr — Later trachyte
- er — Early tuffaceous rhyolite
- etu — Early trachyte (upper thin-layered part)
- et — Early trachyte
- la — Laccolithic biotite andesite

Late Miocene — Early Miocene

- Faults
- Dike
- 25° — Strike and dip of sedimentary strata
- Conglomerate beds

GEOLOGIC MAP AND SECTIONS OF IRON SPRINGS QUADRANGLE, UTAH

1907

Scale 1/62500

1 0 1 2 3 4 miles

1 0 1 2 3 4 5 kilometers

Contour interval 50 feet

Datum is mean sea level assuming elevation of Lund railroad station as 5093

E. M. Douglas, Geographer in charge.
Topography and triangulation by Fred McLaughlin.
Surveyed in 1905.

C. K. Leith, Geologist in charge.
Geology by E. C. Harder and Freeman Ward

APPROXIMATE MEAN DECLINATION 1905.

A. HOEN & CO. BALTIMORE.