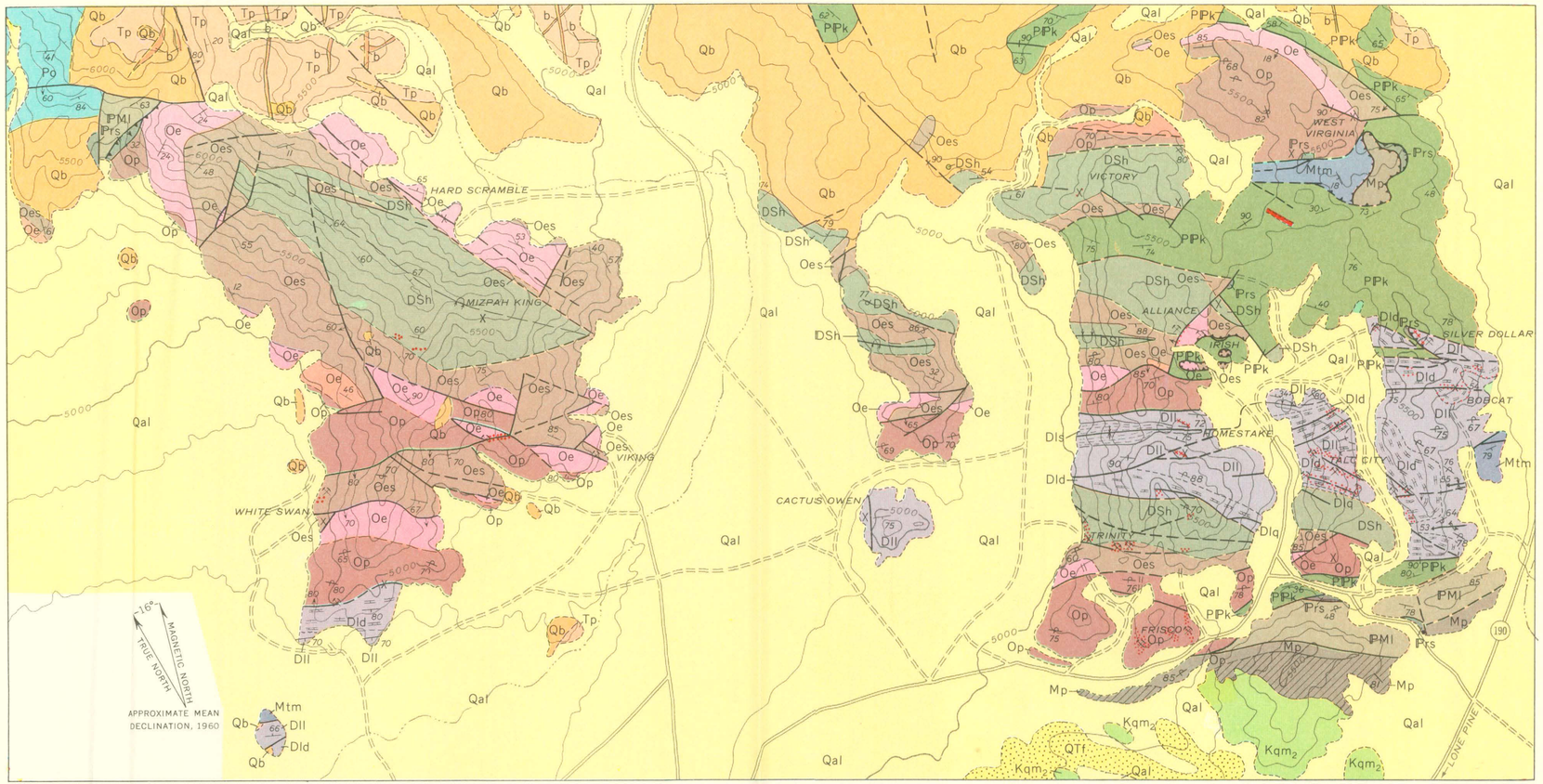

Topography modified from U. S. Geological Survey map of Darwin, 15-minute quadrangle, 1951

Geology by W. E. Hall and E. M. MacKevett, Jr., 1953

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—10212

GEOLOGIC MAP OF THE TALC CITY HILLS, INYO COUNTY, CALIFORNIA

SCALE 1:2400

1 0 1 MILE

CONTOUR INTERVAL 100 FEET
DATUM IS MEAN SEA LEVEL

EXPLANATION

QUATERNARY (Recent; Pleistocene; Pliocene(?))

- Qal — Alluvium
- Qb / b — Olivine basalt. *Flows, Qb; dikes, b. Tuff bed shown by dots*
- QTf — Fanglomerate

TERTIARY (?)

- Tp — Pyroclastic rocks. *Includes tuff-breccia, agglomerate, and basalt cinders*

CRETACEOUS (?)

- an — Andesite porphyry dike
- Kqm_2 — Quartz monzonite

PERMIAN

- Po — Owens Valley formation

PENNSYLVANIAN AND PERMIAN

- PPk — Keeler Canyon formation

PENNSYLVANIAN

- Prs — Rest Spring shale
- PMl — Lee Flat limestone

MISSISSIPPIAN

- Mp — Perdido formation. Silicated zones shown by overlining
- Mtm — Tin Mountain limestone

DEVONIAN

- Dls, Dll, Dld, Dlq — Lost Burro formation. *Shale, Dls; limestone, Dll; dolomite, Dld; quartzite, Dlq*

SILURIAN AND DEVONIAN

- DSh — Hidden Valley dolomite

ORDOVICIAN

- Oes — Ely Springs dolomite
- Oe — Eureka quartzite
- Op — Pogonip group

Contact
Dashed where approximately located

Indefinite contact

Overturned contact, showing dip

Fault, showing dip
Dashed where approximately located

Vertical fault

Thrust fault, showing dip
Saw teeth on side of upper plate

Inverted anticline
Showing direction and dip of plunge

Inverted syncline
Showing direction and dip of plunge

Syncline
Showing trace of axial plane

Overturned syncline
Showing trace of axial plane and direction of dip of limbs. Dashed where approximately located

Strike and dip of beds

Strike and dip of overturned beds

Strike of vertical beds

Mine

Prospect

Talc

Lead, zinc, and silver minerals