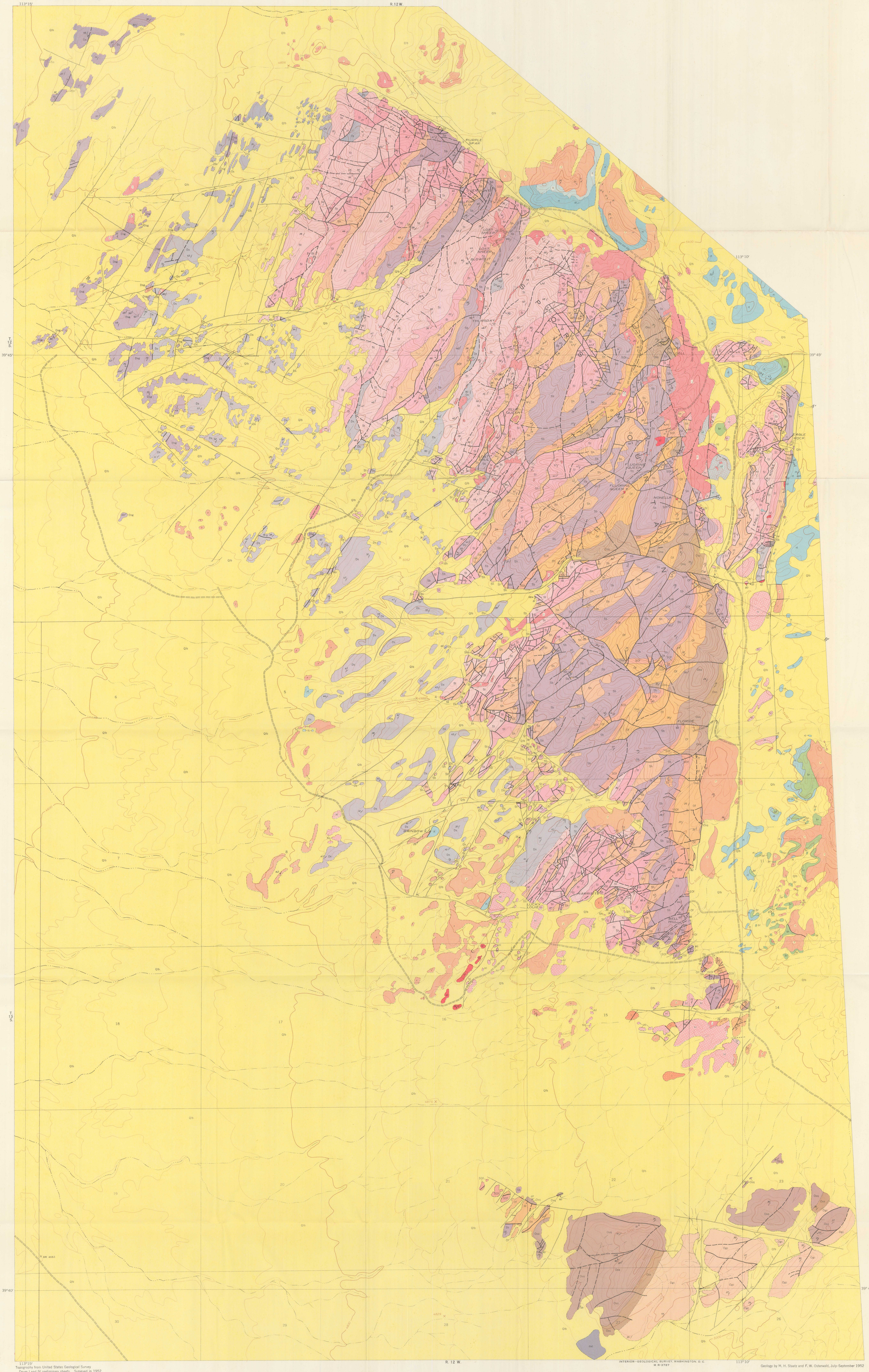

EXPLANATION

QUATERNARY

- Qlb — Lake Bonneville beds. *May include alluvium in places*

TERTIARY(?)

- i — Intrusive breccia
- r — Rhyolite
- qt — Quartz latite
- tl — Lapilli tuff
- rt — Rhyolitic tuff. *Includes vitric, crystal, and lithic fractions*
- qtt — Quartz latitic tuff. *Includes vitric, crystal, and lithic fractions*
- dat — Dacitic tuff. *Includes vitric, crystal, and lithic fractions*
- br — Volcanic breccia
- hl — Hypersthene latite
- el — Enstatite-augite latite

DEVONIAN

- Dsg — Simonson dolomite and Guillmette formation, undifferentiated
- Ds — Sevy dolomite
- St — Thursday dolomite

SILURIAN

- Sl — Lost Sheep dolomite
- Sh — Harrisite dolomite
- Sb — Bell Hill dolomite

ORDOVICIAN OR SILURIAN

- SOf — Floride dolomite
- Of — Fish Haven dolomite

ORDOVICIAN

- Osq, Oss — Swan Peak formation. *Quartzite member,* Osq; *shale member,* Oss
- Ogc — Garden City formation

Contact. *Dashed where approximately located; dotted where concealed*

40 — Fault, showing dip. *Dashed where approximately located; dotted where concealed*

90 — Vertical fault

35 72 — Fault, showing dip and plunge of striations

Thrust fault. T, *upper plate*

30 — Strike and dip of beds

80 — Strike and dip of flow layers

Portal of adit

Mine

X Prospect

113°15′
Topography from United States Geological Survey
Drum I and IV preliminary sheets. Surveyed in 1952

R. 12 W.

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.
M R-3787

113°10′

Geology by M. H. Staatz and F. W. Osterwald, July–September 1952

GEOLOGIC AND TOPOGRAPHIC MAP OF THE THOMAS RANGE FLUORSPAR DISTRICT, JUAB COUNTY, UTAH

Scale 1:12,000

1000 0 5000 Feet

Contour interval 40 feet
Datum is mean sea level