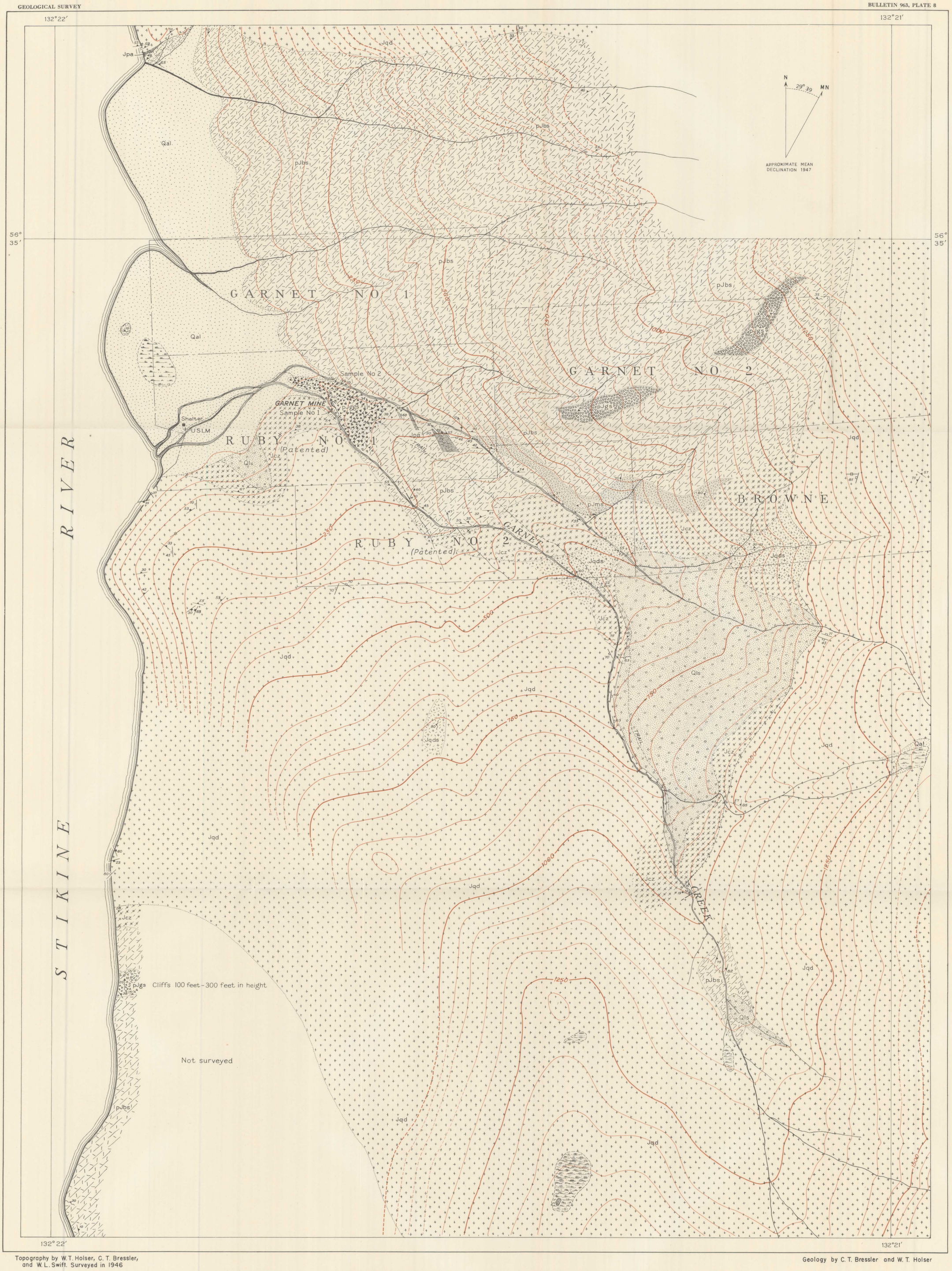

EXPLANATION

SEDIMENTARY ROCKS — QUATERNARY (Recent)

- Qal — Alluvium. *Stikine River sediments and tributary stream deposits*
- Qls — Landslide deposits

INTRUSIVE ROCKS — JURASSIC (?)

- Jcz — Contact zone. *Includes lit-par-lit injection gneiss, aplite, and other contact rocks*
- Jpa — Acid pegmatite
- Jqd, Jqds — Quartz diorite. *Includes granodiorite facies;* Jgds, *quartz diorite with inclusions of schist*

METAMORPHIC ROCKS — PRE-JURASSIC (DEVONIAN? TO TRIASSIC)

- pJbs — Crystalline quartz-biotite schist. *In part garnetiferous*
- pJms — Quartzite and mica-quartz schist
- pJgs, pJggs — Garnetiferous quartz-biotite schist. pJgs, *less than 5 percent garnet*; pJggs, *more than 5 percent garnet*

Contact. *Dashed where inferred; dotted where concealed*

Fault, showing dip and bearing and plunge of slickensides. *Dashed where approximately located*

Plunge of minor anticline

Plunge of fold axis, showing dip of axial plane

Strike and dip of foliation

Strike of vertical foliation

Strike and dip of undulating foliation

Bearing and plunge of lineation

Strike and dip of open joint

Strike of vertical open joint

Strike and dip of filled joint

Strike of vertical filled joint

Adit

Prospect

Dump

Topography by W. T. Holser, C. T. Bressler, and W. L. Swift. Surveyed in 1946

Geology by C. T. Bressler and W. T. Holser

GEOLOGIC MAP OF THE WRANGELL GARNET MINE AND VICINITY

250 0 1000 Feet

Contour interval 50 feet
Datum is mean sea level