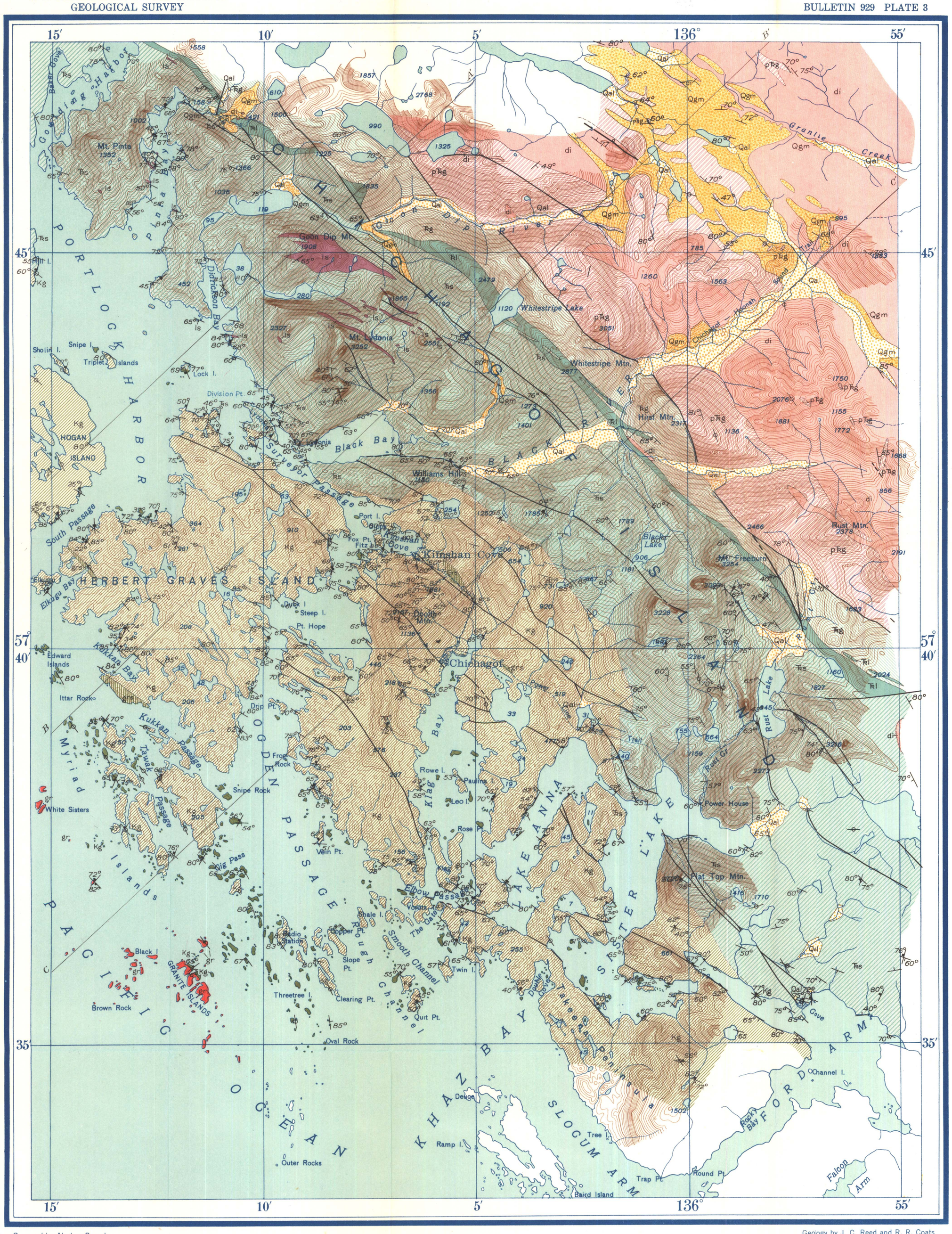

EXPLANATION

BEDDED ROCKS

QUATERNARY — *Pleistocene to Recent*

- **Qal** — Alluvium *(Principally stream deposits)*
- **Qgm** — Glacial moraine

UNCONFORMITY

CRETACEOUS (?) — *Lower Cretaceous (?)*

- **Kg** — Graywacke *(Largely massive and shaly graywacke; includes greenstone lenses (grs), some chert, conglomerate, and limestone)*

UNCONFORMITY (?)

TRIASSIC (?) — *Upper Triassic (?)*

- **Rs** — Schist *(Includes massive greenstone, graphitic schist, chert, graywacke, and limestone lenses (ls))*
- **Rl** — Limestone and marble *(in part dolomitic)*
- **Rg** — Greenstone *(Originally largely basic amygdaloidal lava flows with minor amounts of intrusive rock)*

PRE-TRIASSIC (?)

- **pRg** — Greenstone schist *(Includes massive greenstone, metagabbro, quartzite, limestone, and schist)*

INTRUSIVE ROCKS

JURASSIC OR CRETACEOUS — *Upper Jurassic or Lower Cretaceous*

- **gr** — Albite granite and granodiorite *(Includes biotite granodiorite, albite-biotite granite and albite-muscovite granite)*
- **di** — Diorite *(Includes hornblende diorite hornblende-biotite diorite, and quartz diorite, in part albitic)*

Solid line shows known fault
Dashed line shows inferred fault

62° — Strike and dip of foliation or bedding

Vertical foliation or bedding showing strike

57° — Strike and dip of jointing

Strike of vertical jointing

Prepared by Alaskan Branch
Topography by J. Mark Holmes
Surveyed in 1938

GEOLOGIC MAP OF THE CHICHAGOF MINING DISTRICT, ALASKA

Geology by J. C. Reed and R. R. Coats

TRUE NORTH
MAGNETIC NORTH
20°
APPROXIMATE MEAN DECLINATION, 1938

Scale $\frac{1}{62500}$

1 ½ 0 1 2 3 4 Miles

5,000 0 5,000 10,000 15,000 Feet

1 ½ 0 1 2 3 4 Kilometers

Contour interval 50 feet

Datum is approximate mean sea level

Areas not surveyed in detail indicated by broken lines

1942