GEOLOGIC MAP OF THE INISKIN-CHINITNA PENINSULA COOK INLET REGION ALASKA

Scale $\frac{1}{62500}$

Contour interval 50 feet

Datum is mean sea level

Broken lines indicate probable topography of unsurveyed areas

1927

Alfred H. Brooks, Chief Geologist in charge of division.

Control from data by U. S. Coast and Geodetic Survey.

Topography by C. P. McKinley and Gerald FitzGerald,

Surveyed in 1921.

EXPLANATION

SEDIMENTARY ROCKS

QUATERNARY

Qal — Alluvial deposits (*Includes glacial and stream deposits and beach sands*)

JURASSIC

Upper Jurassic — Naknek formation

Jns — Light-colored cliff-forming arkosic sandstone, arkose, and tuff

Jn — Shale and arkosic sandstone

Jcs — Chisik conglomerate member (*Coarse, massive conglomerate with beds of finer conglomerate and sandstone*)

Jce — Chinitna shale (*Dark shale with limy concretions and calcareous sandstone*)

Middle Jurassic

Jts — Tuxedni sandstone (*Sandstone, sandy shale, shale, arkosic sandstone, and conglomerate*)

IGNEOUS ROCKS

POST-MIDDLE JURASSIC

Basaltic dikes

JURASSIC (?)

Lower Jurassic (?)

Volcanic rocks (*Porphyries, tuffs, and basaltic and andesitic lavas*)

Fault

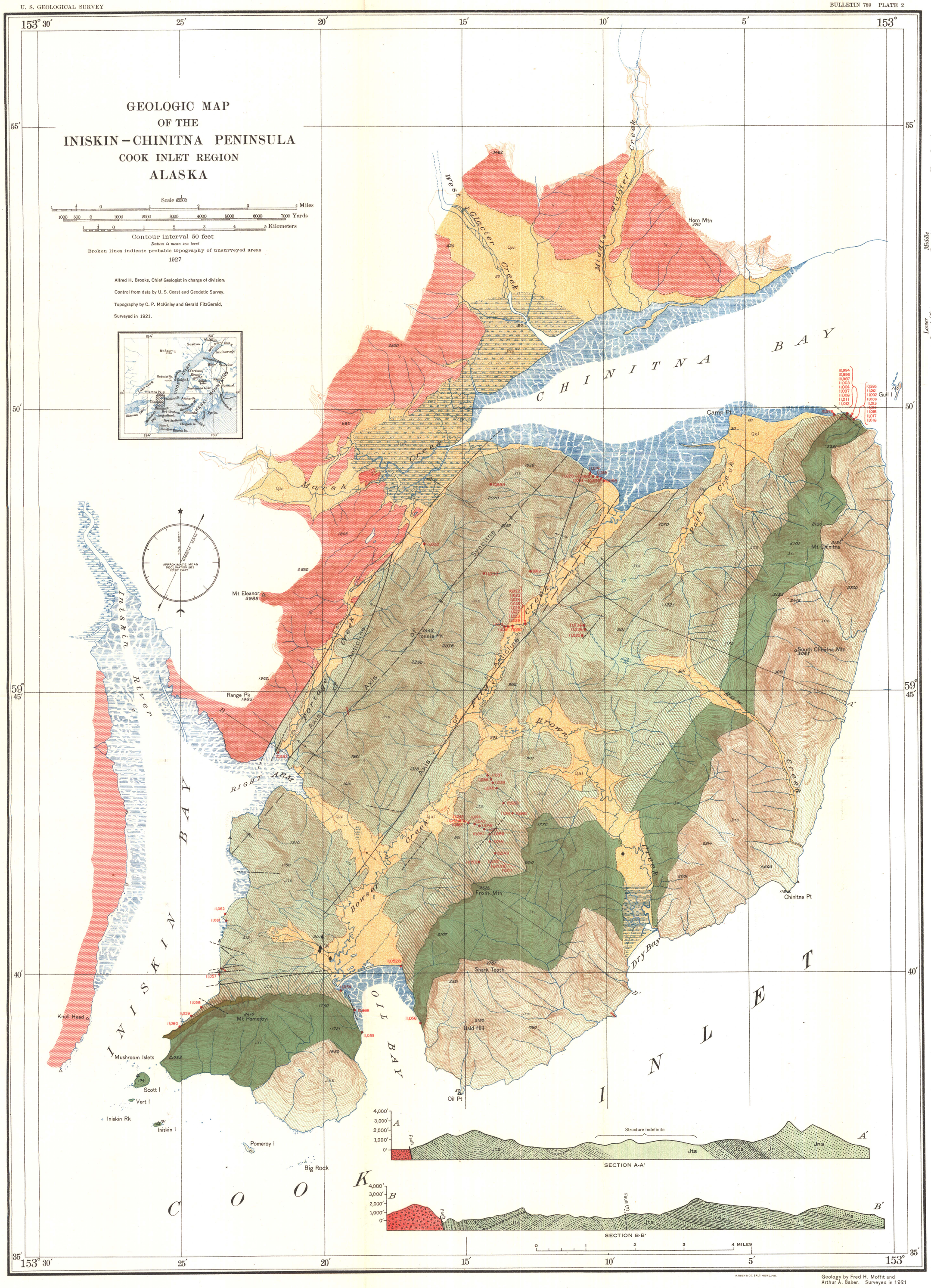
Axis of anticline

Axis of syncline

Fossil location (*Numbers referred to in text*)

Abandoned or unproductive oil well

Oil seepage



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Geology by Fred H. Moffit and Arthur A. Baker. Surveyed in 1921