GEOLOGIC RECONNAISSANCE MAP OF THE SOUTHERN PART OF SEWARD PENINSULA

Scale 250000

2 0 2 4 6 8 10 12 14 16 18 miles

2 0 2 4 6 8 10 12 14 16 18 kilometers

Contour interval 200 feet

Datum is mean sea level

1907

LEGEND

SEDIMENTARY ROCKS

Qgr — Silts, sands, and gravels

Tk — Kenai formation

SOp — Port Clarence limestone

SOsl — Undifferentiated limestones, slates, and schist, including pre-Silurian? graphitic quartzites and schists (Ruxitrin formation)

kg — Kighauk group. Crystalline limestones, biotite schists, and biotite gneisses, cut by granite dikes, stocks, and sills

IGNEOUS ROCKS

b — Basalt

gr — Granites and other siliceous intrusives

gs — Greenstones

ECONOMIC GEOLOGY

Areas producing placer gold

Silts, sands, and gravels known to be auriferous though not necessarily carrying values

Silts, sands, and gravels some of which may be auriferous

APPROXIMATE MAGNETIC DECLINATION CAPE NOME, 1904.

Alfred H. Brooks, Geologist in charge.
Topography by E.G. Barnard, D.L. Reaburn, J.G. Heffty, W.J. Peters, T.G. Gerdine, D.C. Witherspoon, R.B. Oliver, W.R. Hill, W.B. Corse, and B.A. Yoder.
Triangulation by United States Coast and Geodetic Survey and R.B. Robertson.
Shore line by United States Coast and Geodetic Survey.
Surveyed in 1900, 1901, 1903, 1904, and 1905.

Geology by Arthur J. Collier, Frank L. Hess, F.H. Moffit, and Alfred H. Brooks
Surveyed under the direction of Alfred H. Brooks
1900–1906