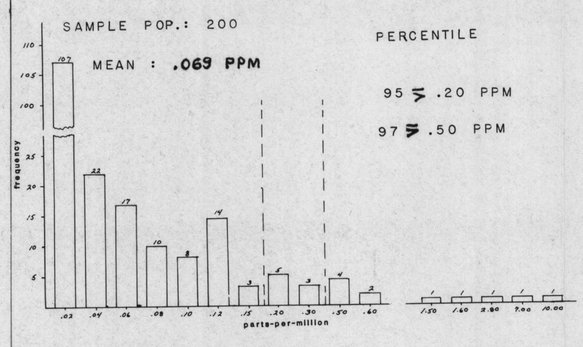
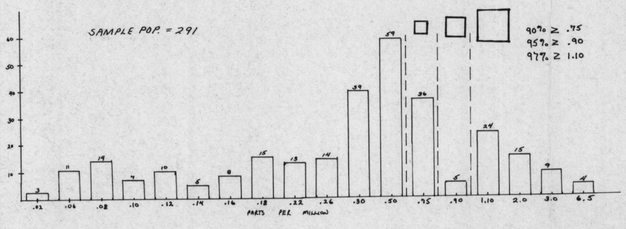
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

FOLIO OF THE
GOODNEWS AND HAGEMEISTER ISLAND QUADRANGLES REGION
OPEN FILE REPORT 78-9-P
SHEET 2 OF 2

HISTOGRAMS



A. MERCURY IN RED MOUNTAIN ULTRAMAFIC BODY
(Data from Clark, Grybeck, Greenwood and others, 1978)



B. MERCURY IN STREAM-SEDIMENT SAMPLES
(Data from Clark, Grybeck, Hessin and others, 1978)

EXPLANATION OF SYMBOLS

RM — RED MOUNTAIN ULTRAMAFIC BODY

RMC — RED MOUNTAIN CONTACT ZONE

GEOCHEMICAL SAMPLE SITES

★ CONCENTRATE (OVERSTREET AND OTHERS, 1973)

○ BEACH AND STREAM SEDIMENTS (BERRYHILL, 1963)

● OFFSHORE AND ONSHORE SEDIMENTS (BARNES AND OTHERS, 1978)

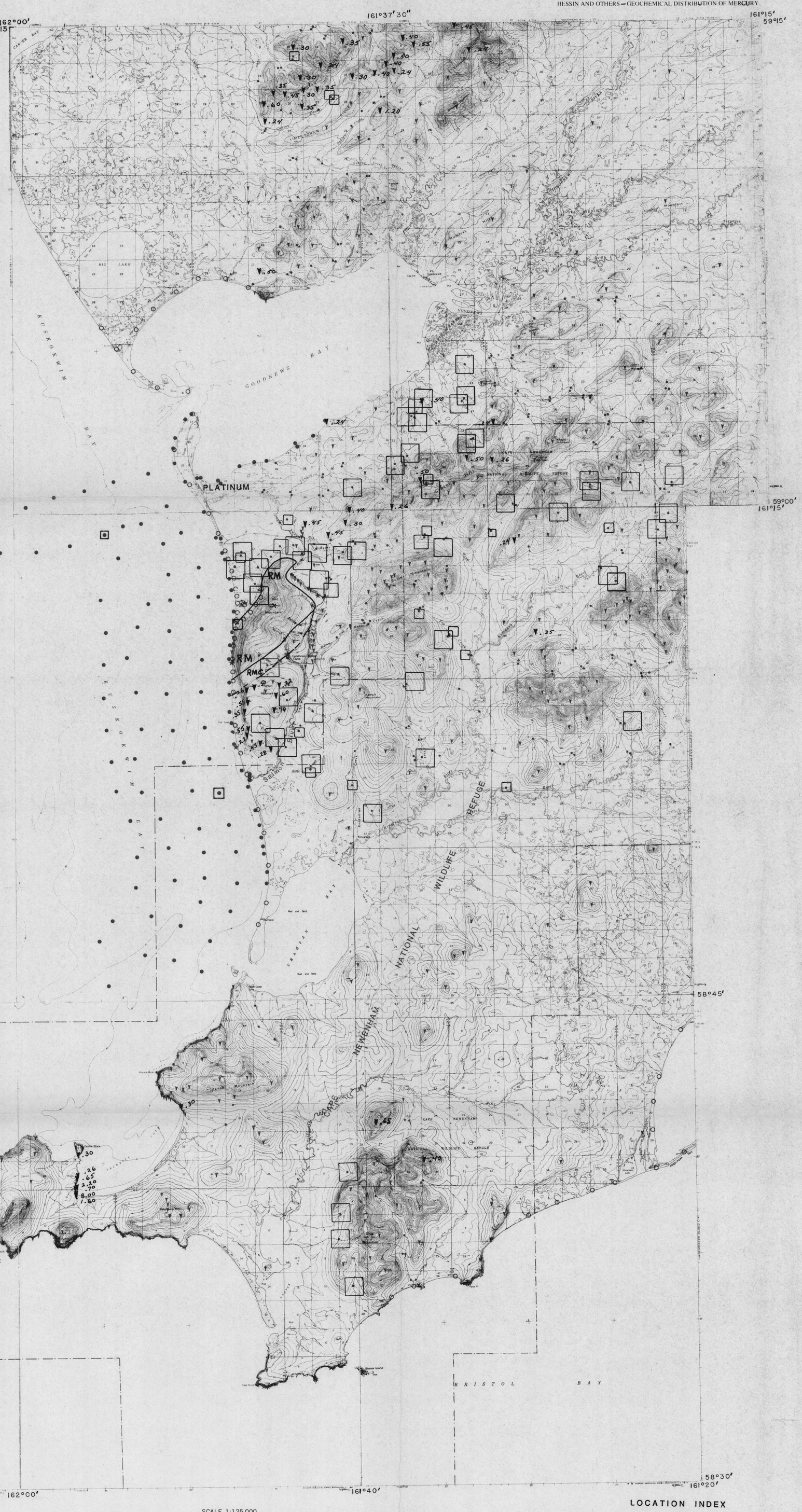
▼ ROCK

• STREAM-DRAINAGE SEDIMENT

ABUNDANCE

▼.50 NUMBER WITH SOLID ROCK SAMPLE-SITE SYMBOL REPRESENTS GEOCHEMICAL CONCENTRATION IN PARTS PER MILLION (PPM)

SYMBOLIZED GEOCHEMICAL ABUNDANCE VALUES BASED ON MERCURY DETERMINED IN STREAM-SEDIMENT SAMPLES. (HISTOGRAM B. ON THIS SHEET)



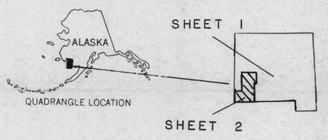
BASE MAP FROM REDUCED MOSAIC OF U.S. GEOLOGICAL SURVEY MILE-TO-THE-INCH QUADRANGLES: GOODNEWS A-7 (1954), A-8 (1954); HAGEMEISTER ISLAND C-5 (1948), C-6 (1948), C-7 (1947), D-5 (1954), AND D-6 (1950).

SCALE 1:125 000

2 0 2 4 6 8 10 MILES

2 0 2 4 6 8 10 KILOMETERS

LOCATION INDEX



GEOCHEMICAL MAP SHOWING DISTRIBUTION AND ABUNDANCE OF MERCURY IN THE VICINITY OF PLATINUM GOODNEWS AND HAGEMEISTER ISLAND QUADRANGLES REGION, SOUTHWESTERN ALASKA

BY

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This report is preliminary and has not been edited or reviewed for conformity with Geological Survey standards and nomenclature.

1978