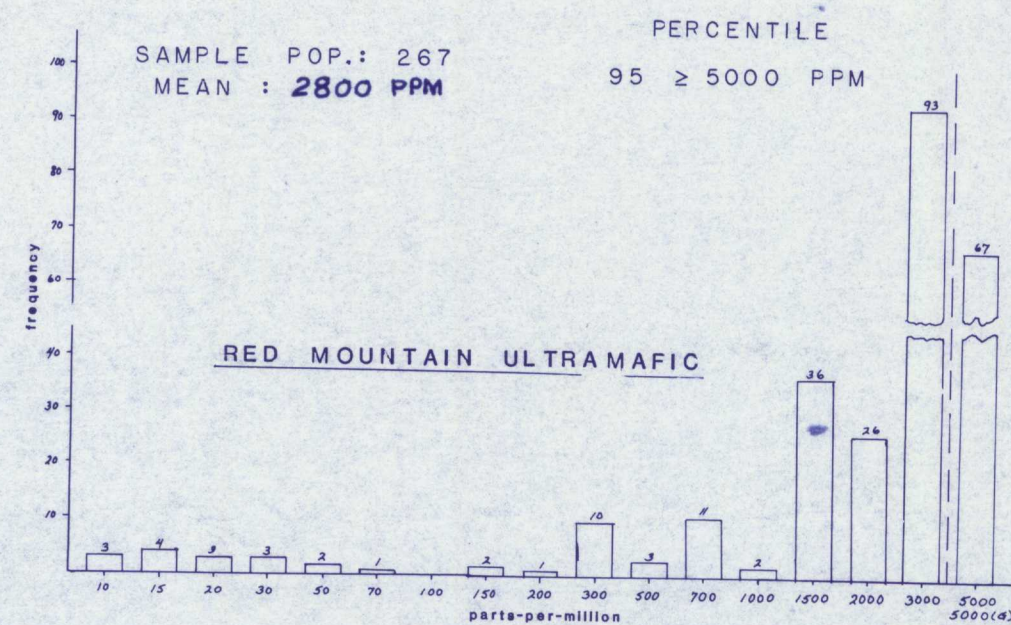
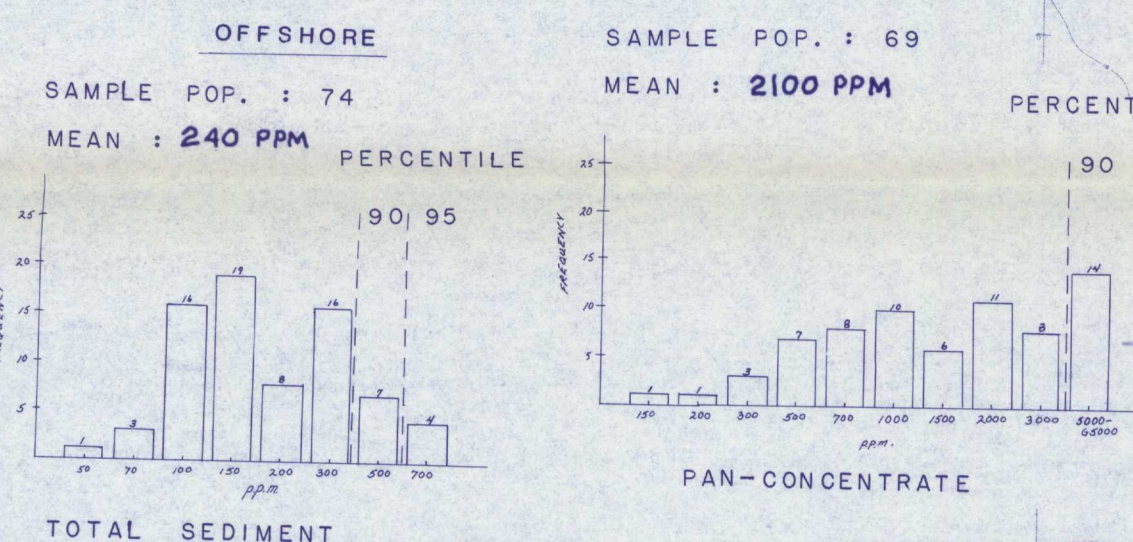


HISTOGRAMS

HISTOGRAM OF GEOCHEMICAL ABUNDANCE DERIVED FROM RESULTS OF SEMIQUANTITATIVE EMISSION SPECTROGRAPHIC ANALYSES OF SELECTED ROCK SAMPLES FROM THE RED MOUNTAIN ULTRAMAFIC BODY (RM) REPORTED BY CLARK, GRZYBECK, GREENWOOD, AND OTHERS (1978).



HISTOGRAMS OF GEOCHEMICAL ABUNDANCE DERIVED FROM SEMI-QUANTITATIVE EMISSION SPECTROGRAPHIC ANALYSES OF OFFSHORE-SEDIMENT SAMPLES REPORTED BY BARNES AND OTHERS, (1978). (NOTE THAT SYMBOLIZED OFFSHORE CONCENTRATIONS ARE BASED ON THE ABUNDANCE VALUES OF SEDIMENTS AND CONCENTRATES IN SHEET 1 HISTOGRAMS)



EXPLANATION OF SYMBOLS

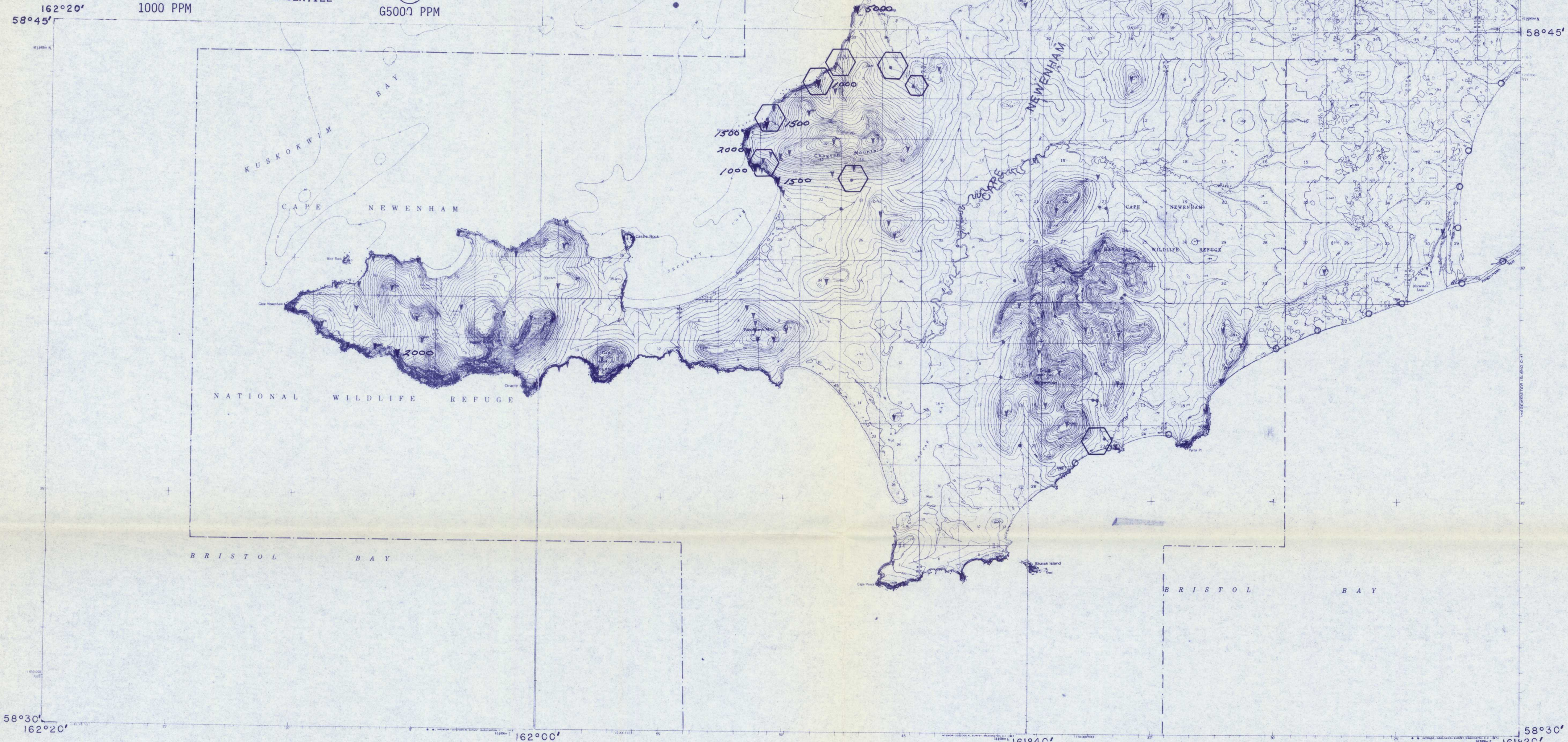
- RM RED MOUNTAIN ULTRAMAFIC BODY
- RMC RED MOUNTAIN CONTACT ZONE
- GEOCHEMICAL SAMPLE SITES**
- ★ CONCENTRATE (OVERSTREET AND OTHERS, 1973)
- BEACH AND STREAM SEDIMENTS (BERRYHILL, 1963)
- OFFSHORE AND ONSHORE SEDIMENTS (BARNES AND OTHERS, 1978)
- ▼ ROCK
- STREAM DRAINAGE SEDIMENT

ABUNDANCE

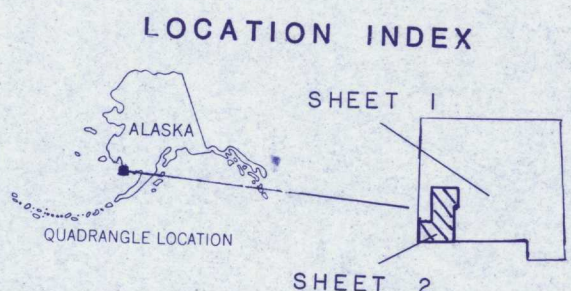
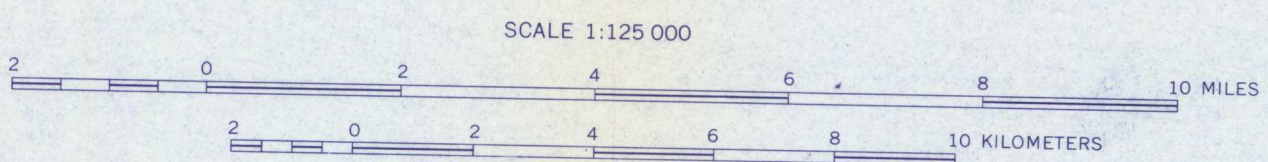
NUMBER WITH SOLID ROCK SAMPLE-SITE SYMBOL REPRESENTS GEOCHEMICAL CONCENTRATION IN PARTS PER MILLION (PPM)

ABUNDANCE SYMBOLS
(BASED ON GEOCHEMICAL ABUNDANCE VALUES IN SHEET 1 HISTOGRAMS)

SEDIMENT		CONCENTRATE	
○	95 PERCENTILE	○	5000 PPM
○	97 PERCENTILE	○	6500 PPM
○		○	
○		○	



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).



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

BY