

**Explanation**

AEROMAGNETIC MAP

Total field contours: 10 gammas, 50 gammas, magnetic low

Flight line direction: NW-SE  
Flight line spacing: 1.6 mi. (1 mile)  
Flight line altitude: 300 m. (1,000 feet) T.C.  
Constant added to data: 50000 gammas  
Grid interval: 450 m. NE-SW, 250 m. NW-SE  
Observed total field reading: 1  
Regional field removed: 10GF 1975 updated to 1978

AEROMAGNETIC ANOMALY SYMBOLS

B1 Basement low  
Bh Basement high  
GD Gabbro-diorite  
V Volcanic rocks  
M Metacrite  
G Granite  
VP Volcanoplutonic complex  
Ms Metasupine rocks  
H Horstfels  
U Unknown

Ground magnetic traverse. Profiles shown in figure 1

Boundary between regional magnetic terranes

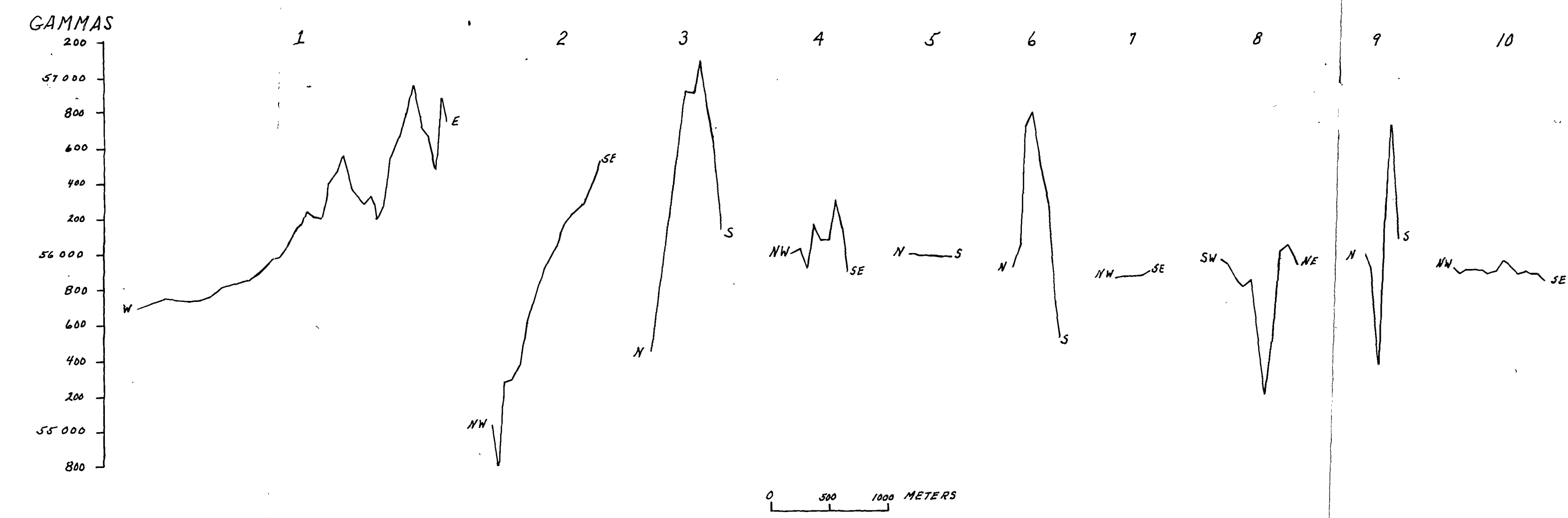
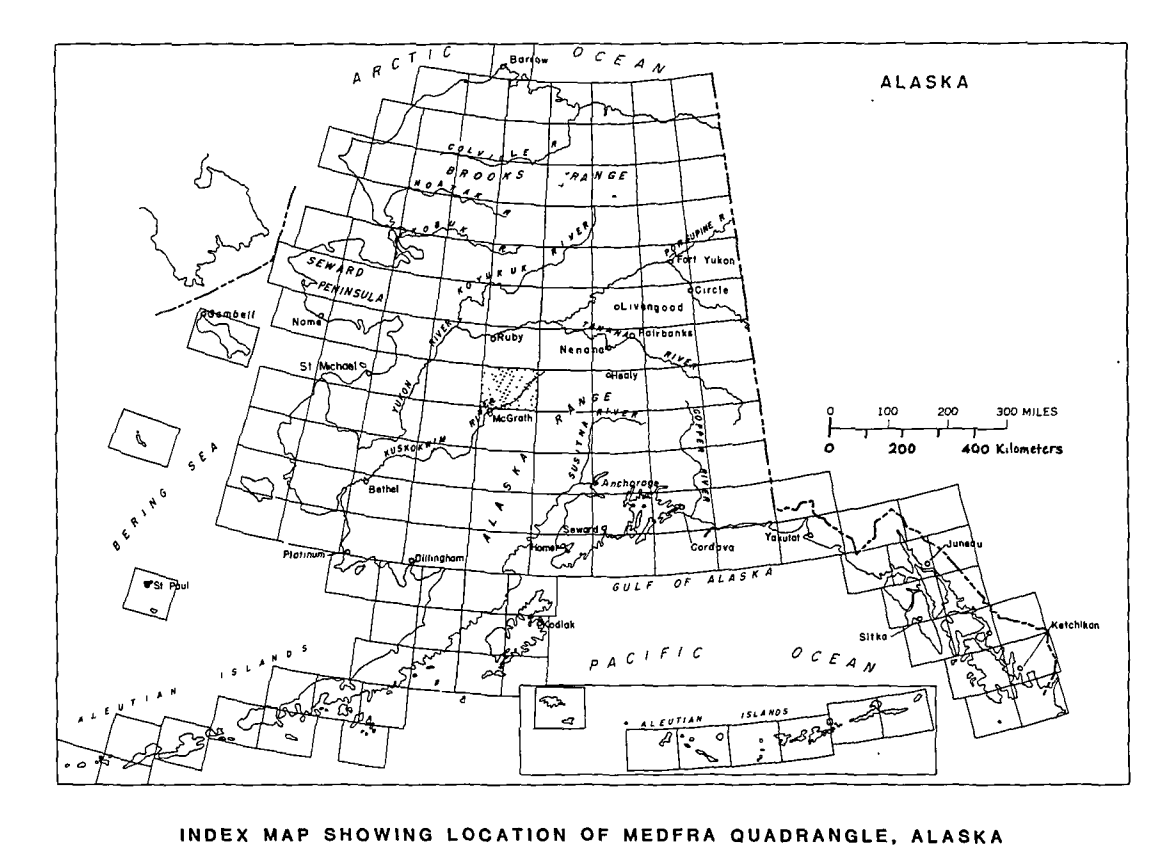
Generalized outline of selected magnetic anomalies. Does not represent an inferred contact between magnetic and nonmagnetic units

Areas within selected magnetic anomalies where source rocks may crop out

Axis of basement low

Base map: aeromagnetic survey  
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1978 MAGNETIC DATA LOCATION AT SOUTH EDGE OF SHEET MAPS FROM 2700 TO 2430 EAST



This map is preliminary and has not been reviewed for conformity with U. S. Geological Survey editorial standards.

Figure 1: Ground magnetic profiles at selected localities in the Medfra quadrangle, Alaska.

**AEROMAGNETIC INTERPRETATION OF THE MEDFRA QUADRANGLE, ALASKA**

by W. W. Patton, Jr., J. W. Cady, and E. J. Moll

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