

Table 1 - Relative incidence of the various types of mineral deposits within the domains discussed in the text. The table has columns for Deposits, Occurrences, Prospects, Mines, and Mines and Prospects, and rows for different domains (I-VIII).

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Table 2 - Statistical analysis of the various types of mineral deposits within the domains discussed in the text. This table provides more detailed statistics for each deposit type across the domains.

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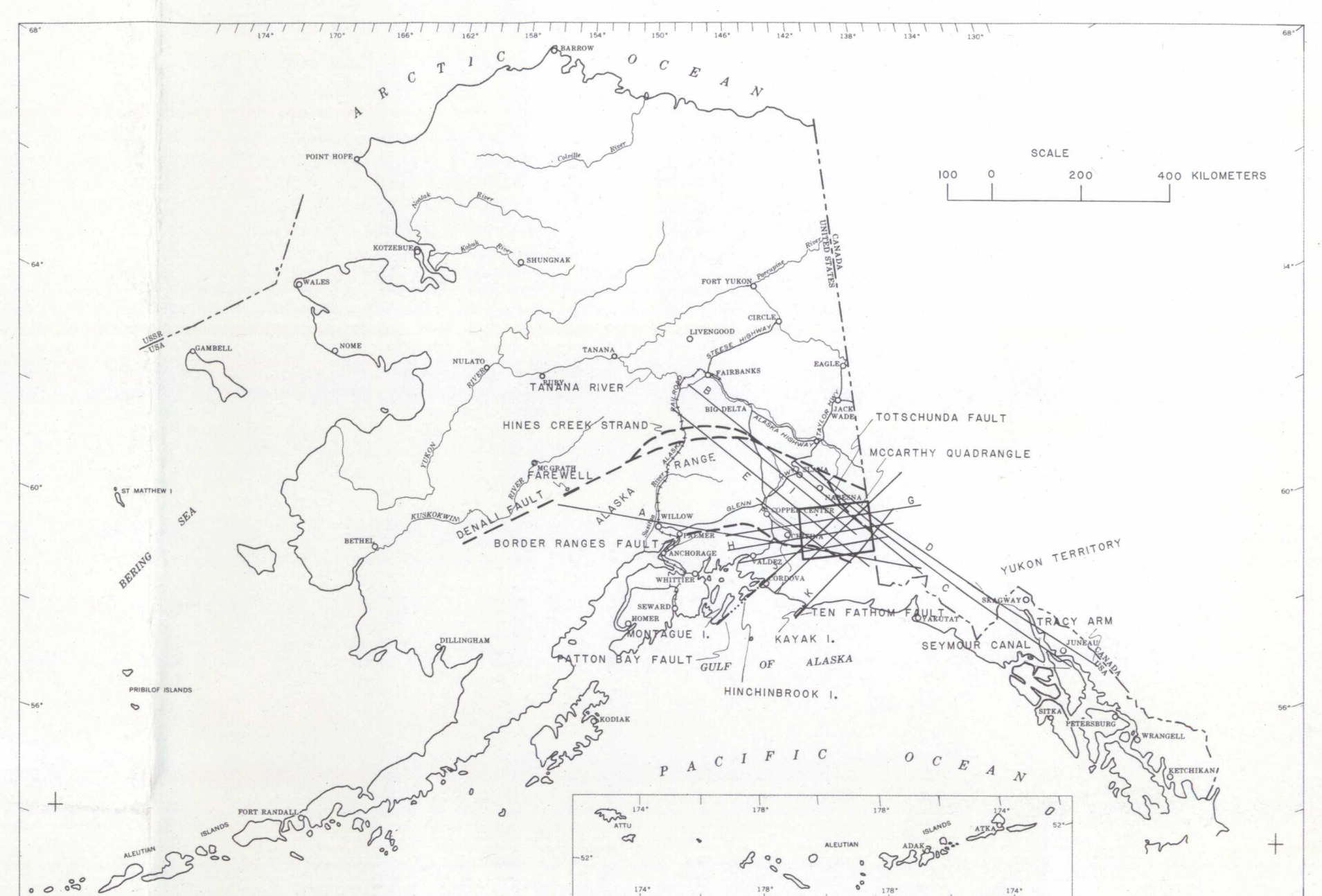


Figure 1 - Index map of Alaska showing the approximate location of the McCarthy quadrangle, and linear, geologic, and geographic features outside the quadrangle that are discussed in the text.

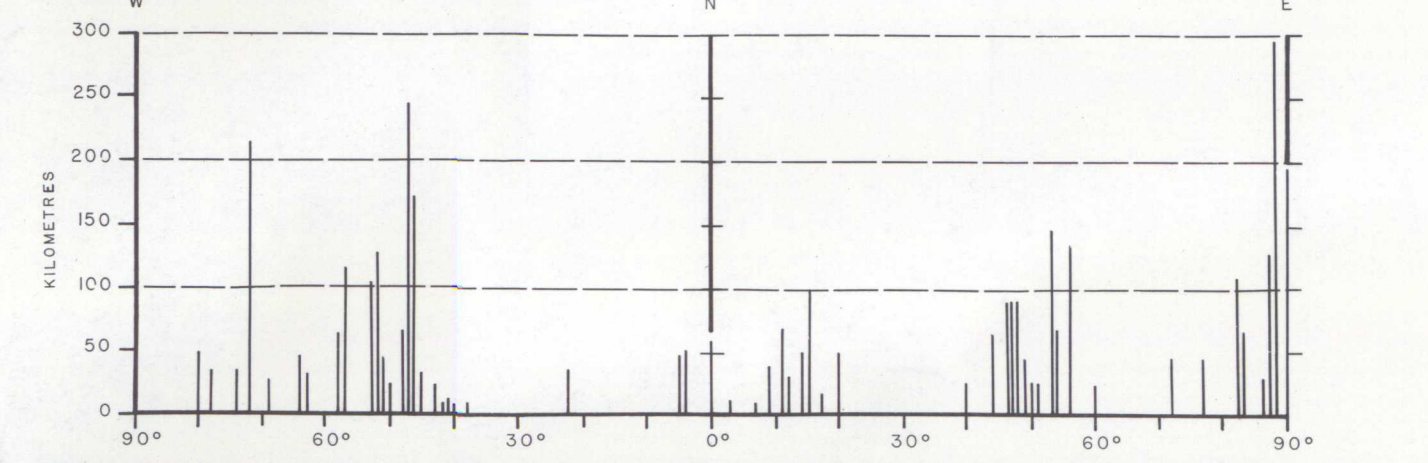


Figure 2 - Histogram of trends and cumulative lengths of Type A linear features observed on Landsat imagery of the McCarthy quadrangle.

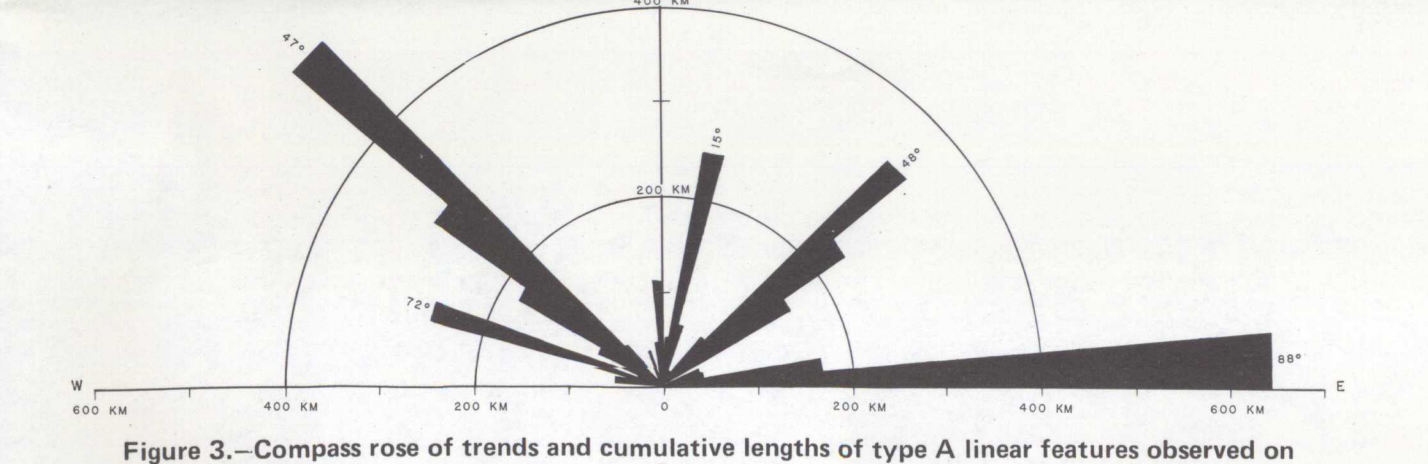


Figure 3 - Compass rose of trends and cumulative lengths of Type A linear features observed on Landsat imagery of the McCarthy quadrangle.

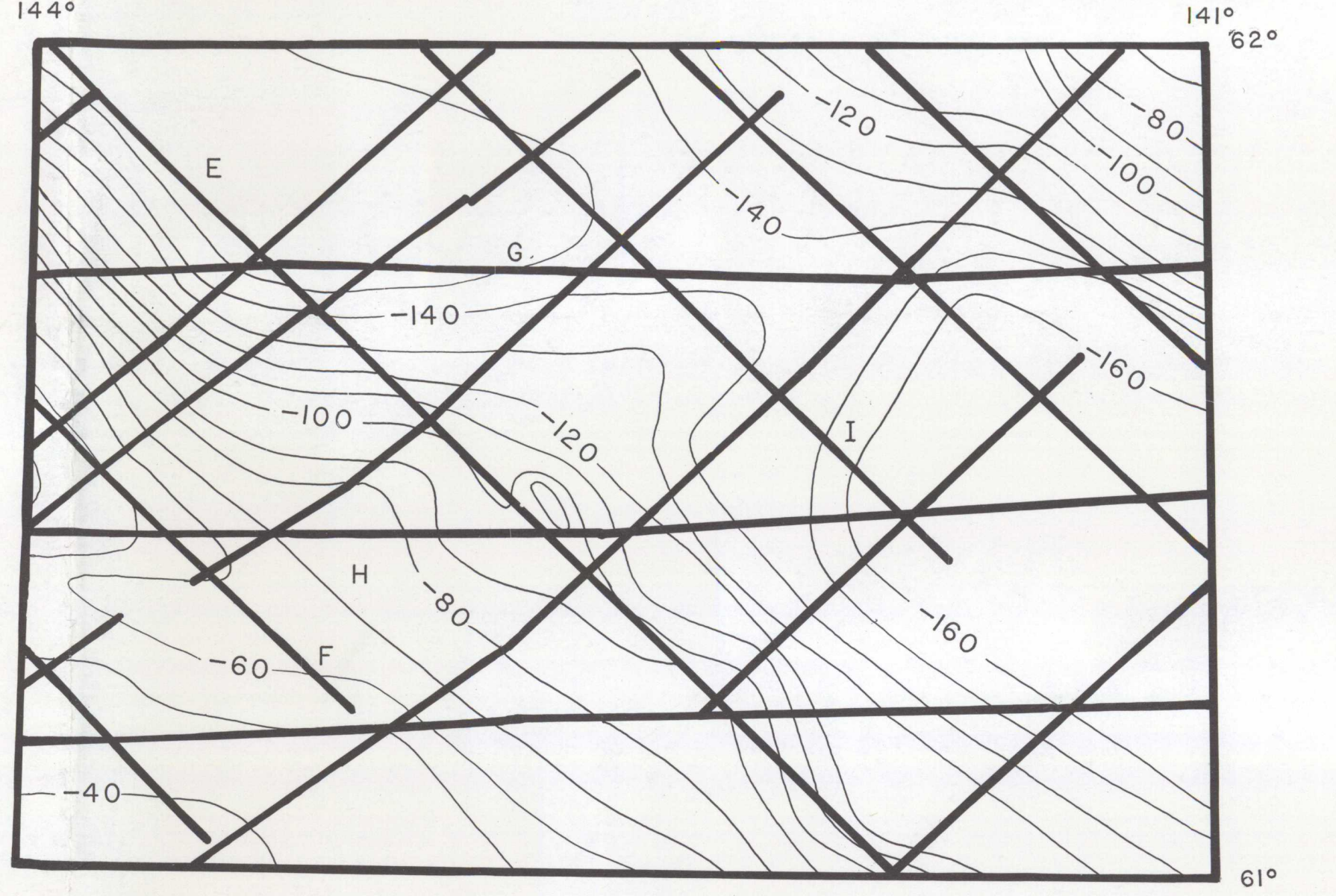


Figure 4 - Bouguer gravity anomaly map of the McCarthy quadrangle (Blair, 1976) with major Type A linear features observed on Landsat imagery.

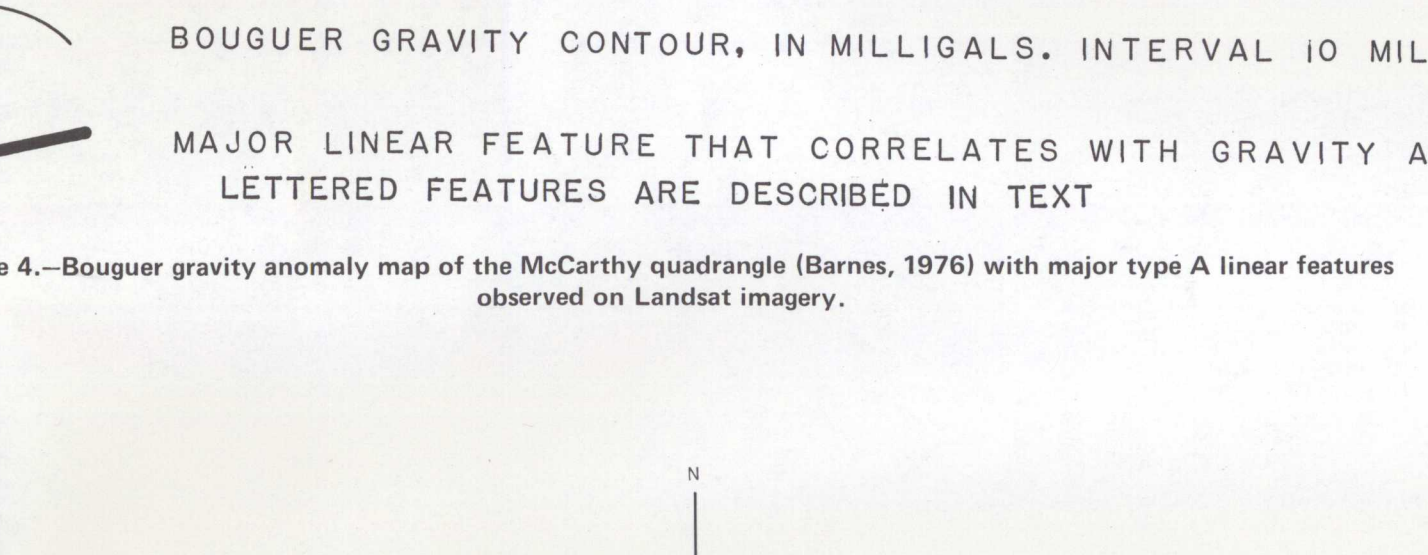


Figure 5 - Compass rose of trends and cumulative lengths of Type B linear features less than 10 m long, as determined by the use of a diffraction grating on Landsat imagery. Relative intensities are subjective.

EXPLANATION FOR GENERALIZED MAP

A detailed legend for the map, explaining symbols for faults, linear features, and other geological features. It includes a key for 'NORTH OF THORNDIKE FAULT' and 'SOUTH OF THORNDIKE FAULT'.

Table 3 - Correlation of iron-oxide colored areas observed on Landsat imagery with geologic and geophysical data.

Table 3 - Correlation of iron-oxide colored areas observed on Landsat imagery with geologic and geophysical data. The table lists various features and their corresponding geologic and geophysical characteristics.

EXPLANATION

A legend for the Bouguer gravity anomaly map, explaining symbols for mapped faults, thrust faults, and potential fault extensions.

EXPLANATION

A legend for the map of Type B linear features, explaining symbols for mapped faults, thrust faults, and potential fault extensions.

EXPLANATION

A legend for the map of Type B linear features, explaining symbols for mapped faults, thrust faults, and potential fault extensions.

Figure 6 - Map of Type B linear features (potential fault extensions) observed on Landsat imagery of the McCarthy quadrangle with mapped faults (McKenzie, 1976a).

Background information relating to this map is published as U.S. Geological Survey Circular 79 available free of charge from the U.S. Geological Survey, Reston, Va. 20192.

Interpretation by N. R. D. Albert and Wm. C. Steele, 1976. This report is a continuation of the work of the U.S. Geological Survey, Alaska Division, Fairbanks, Alaska. The map is a generalized map of the McCarthy quadrangle, Alaska, showing the results of a study of Landsat imagery. The map is a generalized map of the McCarthy quadrangle, Alaska, showing the results of a study of Landsat imagery. The map is a generalized map of the McCarthy quadrangle, Alaska, showing the results of a study of Landsat imagery.

INTERPRETATION OF LANDSAT IMAGERY OF THE MCCARTHY QUADRANGLE, ALASKA

By
Naim R. D. Albert and Wm. Clinton Steele
1976