



STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGICAL SURVEY

A map of the Yukon River drainage area in Alaska. The map shows the river's course from the south (Anchorage) to the north (Fairbanks). Key locations marked include Fairbanks, Big Delta, Eagle, Healy, Mt. Mayer, Tanacross, Nabesna, Gulikana, Talkeetna Mts, Anchorage, Valdez, and Mc Carthy. The map includes latitude and longitude coordinates: 150°W, 147°W, 144°W, 141°W, 64°N, 63°N, and 62°N. A shaded area in the lower right corner represents the study area.

The magnetic colours shown on this map represent the total anomalous magnetic field of the earth. Variations in this field are caused by the variable magnetic character of rock units crossed by the survey flights, and hence, can be used to estimate the apparent location of rocks rich in magnetic minerals. Such rock units may be either at the surface of the ground or buried beneath it. Anomalies show both positive and negative variations depending on the shape, attitude, and constituents of local rocks. Geophysical interpretation will be required to distinguish between the positive and negative anomalies causing rock units. Some anomalies may be impossible to interpret without further geologic information. Basic profile data is retained at the Division of Geological Survey and should be consulted for detailed analysis.

Contract specifications written in consultation with United States Geological Survey.
Base map from U.S.G.S. 1:63360 Topographic map series.
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