

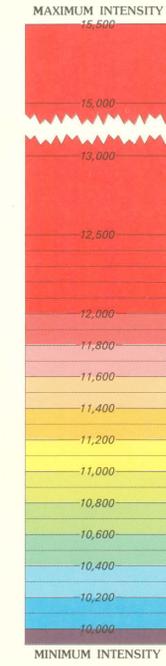
INDEX MAP SHOWING SOURCES OF DATA

SOURCES OF DATA

- Aeromagnetic surveys by the U.S. Geological Survey and others with spacing and elevation of flight lines and year flown listed below. All lines flown in an east-west direction except those in areas K and J which were flown in a northwest-southeast direction.
- A. 1/2 mile-spaced survey flown by U.S. Geological Survey in 1968 at 400 feet above ground (U.S. Geol. Survey, 1971a, 1971b, and 1971c).
- B. 1/2 mile-spaced survey flown by U.S. Geological Survey in 1960 at 500 feet above ground (Neuschel, 1970).
- C. 1/2 mile-spaced survey flown by U.S. Geological Survey in 1960 at 500 feet above ground (Bromery and others, 1963a and 1963b).
- D. 1 mile-spaced survey flown by U.S. Geological Survey in 1960 at 500 feet above ground.
- E. 2 mile-spaced survey flown by Geotrex Ltd. for U.S. Geological Survey in 1972 at 500 feet above ground (U.S. Geol. Survey, 1972).
- F. 1/2 mile-spaced survey flown by Lockwood, Kessler, and Bartlett, Inc. in 1972 for Virginia Division of Mineral Resources at 500 feet above ground (Virginia Division of Mineral Resources, 1969-1972).
- G. 1/2 mile-spaced survey flown by Sintrex Mineral Surveys, Inc. in 1969 for Virginia Division of Mineral Resources at 500 feet above ground (Virginia Division of Mineral Resources, 1969-1972).
- H. 1/2 mile-spaced survey flown by Lockwood, Kessler, and Bartlett, Inc. in 1970 for Virginia Division of Mineral Resources at 500 feet above ground (Virginia Division of Mineral Resources, 1969-1972).
- I. 1/2 mile-spaced survey flown by Lockwood, Kessler, and Bartlett, Inc. in 1971 for Virginia Division of Mineral Resources at 500 feet above ground (Virginia Division of Mineral Resources, 1969-1972).
- J. 1/2 mile-spaced survey flown by Aero Service Corp. in 1965 for Virginia Division of Mineral Resources at 500 feet above ground (Virginia Division of Mineral Resources, 1966).
- K. 1 1/2 mile-spaced survey flown by Aero Service Corp. in 1962 for Virginia Division of Mineral Resources at 5,000 feet above sea level (Virginia Division of Mineral Resources, 1962).
- L. 3 mile-spaced survey flown by Lockwood, Kessler, and Bartlett, Inc. in 1972 for Virginia Division of Mineral Resources at 5,000 feet above sea level (Virginia Division of Mineral Resources, 1972).

REFERENCES CITED

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- 1963b, Aeromagnetic map of the Quantico quadrangle, Prince William and Stafford Counties, Virginia: U.S. Geol. Survey Geophys. Inv. Map, GP-391.
- Fabiano, E. B., and Peddie, N. W., 1969, Grid values of total magnetic intensity, IGRF-1965: U.S. ESSA Tech. Rept. C&GS 38, 55 p.
- Neuschel, S. K., 1970, Correlation of aeromagnetics and aeroradioactivity with lithology in the Spottsylvania area, Virginia: Geol. Soc. America Bull., v. 81, no. 12, p. 3575-3582.
- U.S. Geological Survey, 1971a, Aeromagnetic map of the Danville quadrangle, Pittsylvania County, Virginia, and Caswell County, North Carolina: U.S. Geol. Survey Geophys. Inv. Map GP-745.
- 1971b, Aeromagnetic map of the Milton quadrangle, Halifax and Pittsylvania Counties, Virginia, and Caswell and Person Counties, North Carolina: U.S. Geol. Survey Geophys. Inv. Map GP-746.
- 1971c, Aeromagnetic map of the South Boston quadrangle, Halifax County, Virginia, and Person and Granville Counties, North Carolina: U.S. Geol. Survey Geophys. Inv. Map GP-747.
- 1972, Aeromagnetic map of southeastern Virginia: U.S. Geol. Survey open-file report.
- Virginia Division of Mineral Resources, 1962, Interpretation of airborne magnetometer survey in southwest Virginia: Virginia Div. Mineral Resources Spec. Pub., 12 sheets, various scales.
- 1966, Magnetic and radiometric data, southwest Piedmont of Virginia: Virginia Div. Mineral Resources Inf. Circ. 12, 1 p.
- 1969-1972, [Aeromagnetic contour maps]: Virginia Div. Mineral Resources, open-file maps.



Magnetic contours
 Showing total intensity magnetic field of the earth in gammas relative to arbitrary datum. Main magnetic field of the earth from Fabiano and Peddie (1969) has been removed. Contour intervals 100 and 500 gammas.

AEROMAGNETIC MAP OF VIRGINIA: IN COLOR
 By
 Isidore Zietz, James L. Calver, Stanley S. Johnson, and John R. Kirby
 1977

For sale by Branch of Distribution, U.S. Geological Survey,
 1200 South Eads Street, Arlington, VA 22202 and
 Virginia Division of Mineral Resources
 Box 3667, Charlottesville, VA 22903