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GEOLOGICAL SURVEY

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of the Branch of Petrophysics and Remote Sensing, U.S. Geological Survey,  
for 1975-1979

by  
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## Introduction

Scientists with the Petrophysics and Remote Sensing Branch of the U.S. Geological Survey have been engaged in many areas of research mainly concerned with mineral resources, volcanology, geothermal resources, gravity and aeromagnetic studies, borehole geophysics, gamma-ray studies, paleomagnetism, spectroscopy, petrophysics, and applications of remote sensing. This bibliography will provide convenient access to research results that have been published, from 1975 through 1979 and part of 1980, in a variety of scientific journals, U.S. Geological Survey publications and open-file reports, and in reports issued by the National Technical Information Service (NTIS).

The list of publications has been categorized generally by areas of research: energy, paleomagnetism, petrophysics, and remote sensing. A category of "other" consists of papers not included under the four main headings. A section of selected papers published before 1975 appears at the end of the bibliography and offers a survey of older publications to provide background information on research completed during earlier years.

The following addresses may be used to order U.S. Geological Survey reports and maps. USGS Circular 777, "A Guide to Obtaining Information from the USGS, 1979" contains much helpful information.

USGS book publications:

Branch of Distribution

U.S. Geological Survey

1200 South Eads Street

Arlington, VA 22202

Maps of areas west of the Mississippi River:

Branch of Distribution

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USGS open-file reports:

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NTIS (National Technical Information Service) reports may be purchased  
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Springfield, VA 22161

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