

# Geophysical Abstracts 148-151 January-December 1952

(Numbers 13284-14183)

---

G E O L O G I C A L   S U R V E Y   B U L L E T I N   9 9 1

*Abstracts of world literature  
contained in periodicals,  
books, and patents*



**UNITED STATES DEPARTMENT OF THE INTERIOR**

**Douglas McKay, *Secretary***

**GEOLOGICAL SURVEY**

**W. E. Wrather, *Director***

## CONTENTS

[The letters in parentheses are those used to designate the chapters for separate publication]

	Page
(A) Geophysical Abstracts 148, January-March 1952 (nos. 13284-13547) _	1
(B) Geophysical Abstracts 149, April-June 1952 (nos. 13548-13802) _	75
(C) Geophysical Abstracts 150, July-September 1952 (nos. 13803-14003) _	145
(D) Geophysical Abstracts 151, October-December 1952 (nos. 14004-14183) _	195

Under departmental orders, Geophysical Abstracts have been published at different times by the Bureau of Mines or the Geological Survey as noted below:

1-86, May 1929-June 1936, Bureau of Mines Information Circulars. [Mimeographed]

87, July-December 1936, Geological Survey Bulletin 887.

88-91, January-December 1937, Geological Survey Bulletin 895.

92-95, January-December 1938, Geological Survey Bulletin 909.

96-99, January-December 1939, Geological Survey Bulletin 915.

100-103, January-December 1940, Geological Survey Bulletin 925.

104-107, January-December 1941, Geological Survey Bulletin 932.

108-111, January-December 1942, Geological Survey Bulletin 939.

112-127, January 1943-December 1946, Bureau of Mines Information Circulars.

[Mimeographed]

128-131, January-December 1947, Geological Survey Bulletin 957.

132-135, January-December 1948, Geological Survey Bulletin 959.

136-139, January-December 1949, Geological Survey Bulletin 966.

140-143, January-December 1950, Geological Survey Bulletin 976.

144-147, January-December 1951, Geological Survey Bulletin 981.