

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

This report or illustration  
is based on work done on  
behalf of the U. S. Atomic  
Energy Commission.

TRACE ELEMENTS MEMORANDUM  
REPORT 782



EXPLANATION

Occurrence of uranium-bearing material or anomalous radioactivity where more detailed prospecting might be justified.

Favorable

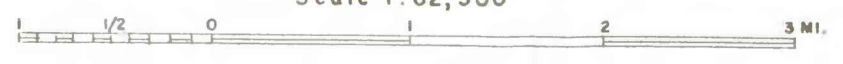
Less favorable

Least favorable

Criteria for favorableness based on MR/HR, on chemical assay data, and on extent and geologic setting of the occurrences.

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U. S. GEOLOGICAL SURVEY  
SALT LAKE CITY, UTAH

ANOMALOUS RADIOACTIVITY  
IN THE  
JEFFERSON CITY QUADRANGLE, MONTANA  
Scale 1:62,500



CONTOUR INTERVAL 40 FEET  
DATUM IS MEAN SEA LEVEL

Radioactivity survey by:  
G. E. Becroft, A. J. Gude III,  
D. Y. Meschter, D. M. P. Kirkley,  
W. A. Roberts, and S. Rosenblum

1954

U. S. Geological Survey  
OPEN FILE REPORT

This map or illustration is preliminary and has not been edited or reviewed for conformity with Geological Survey standards or nomenclature.

Stereo compilation by Fairchild Aerial Surveys, Inc. for the Bureau of Reclamation. Field examination and publication by the Geological Survey as part of the Department of the Interior program for the development of the Missouri River Basin. Control by USGS and USC&GS. Topography from aerial photographs by photogrammetric methods 1948. Aerial photographs taken 1947. Field check 1950. Polyconic projection. 1927 North American datum. 10,000-foot grid based on Montana coordinate system south and central zones. Dashed land lines indicate approximate location.