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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
*U.S.* GEOLOGICAL SURVEY  
WASHINGTON

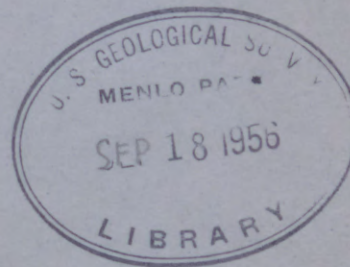
OPEN FILE

Geologic map of the baritic carbonate  
body near Mountain Pass, San Bernardino  
County, California

by

W. N. Sharp & J. C. Olson

*[Reports. Open file]*







## DEPARTMENT OF THE INTERIOR

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GEOLOGICAL SURVEY

For Release JUNE 26, 1951

## CALIFORNIA RARE EARTH DEPOSIT STUDIED

A geologic map of an important deposit of rare earth metals studied recently by Geological Survey geologists near Mountain Pass, California has been completed. Secretary of the Interior Oscar L. Chapman announced today. The discovery of this deposit was announced on January 16, and because of the great interest that has been shown in the deposit, the map is being made available for public inspection immediately, Secretary Chapman explained.

The deposit covered by this map is in San Bernardino County, California near where prospectors made the original discovery on the Birthday claims in 1949. Subsequent studies by the Geological Survey have shown that an area roughly 6 miles long and 2 miles wide, extending southeast from the original discovery, contains a number of other rare earth-bearing deposits, including the large ore body covered by this map.

This ore body is made up largely of a carbonate mineral and barite, but contains significant quantities of the rare earth mineral, bastnasite as well. It is exposed over an area 2,400 feet long and 400 feet wide.

The map, entitled "Geologic map of the baritic carbonate body near Mountain Pass, San Bernardino County, California," was made by W. N. Sharp and J. C. Olson, field geologists, as part of the intensive studies being made of the deposits by the Geological Survey. It is not available for distribution but may be examined at the following offices: Geological Survey, Room 1033 (Library), General Services Building, Washington, D. C.; Geological Survey Library, Building 2-B, Denver Federal Center, Denver, Colorado; Geological Survey, Room 102, Old Mint Building, San Francisco, California; California Division of Mines, Ferry Building, San Francisco, California; and Library, Department of Geology, California Institute of Technology, Pasadena, California.

See Federal Projects file - Mountain Pass Bast.

Folder labeled "Geologic map, baritic carbonate body near Mountain Pass, SB Co.," for memo from Jerry Olson transmitting text to accompany map to be placed on open file. This map is essentially same as one in this folder except that it has been cleaned up by removing locality numbers and some unnecessary lines.



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Geologic map of the baritic carbonate body near Mountain Pass, San Bernardino  
County, California

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