



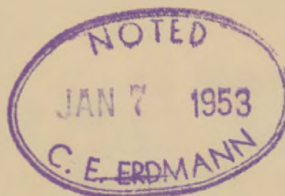
IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY
Geologic Division
Denver Federal Center
Denver, Colorado

January 4, 1954

Mr. Charles E. Erdmann
Regional Geologist
Conservation Division
U. S. Geological Survey
Post Office Box 1827
Great Falls, Montana



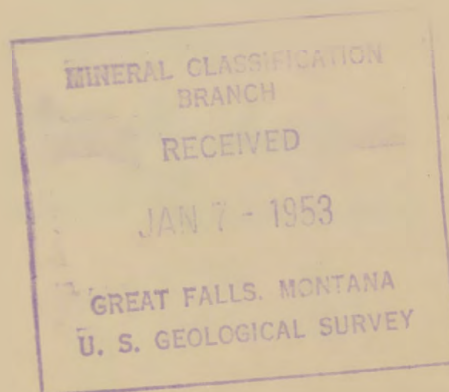
Dear Charles:

Enclosed is a copy of a map and report entitled, "Geology of the Big Sandy quadrangle, Montana," by R. M. Lindvall. This report was recently released by press notice number 52450 and is being sent to you as requested in previous correspondence.

Sincerely yours,

Edwin B. Eckel, Chief
Engineering Geology Branch

Enclosure





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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Geologic Division
Denver Federal Center
Denver, Colorado

JAN 18 1953

Mr. Charles E. Erdmann,
Regional Geologist,
Conservation Division,
417 Electric Bldg.,
P. O. Box 1827,
Great Falls, Montana.

Dear Mr. Erdmann:

A map and report on the geology of the Big Sandy quadrangle, Montana is enclosed. This report, which has been prepared by the U. S. Geological Survey as a part of the Interior Department's program for the development of the Missouri River Basin, is now in open file and will be released later as a formal Geological Survey publication.

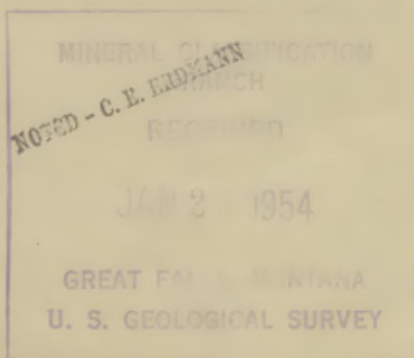
The map and report describes an area of about 200 square miles in the Lower Marias Irrigation Project now under construction in north-central Montana. This constitutes a part of a geologic study to furnish pertinent basic geologic data for the development of the region. In addition, considerable exploration for oil and gas is being undertaken in this area, and the geology herein described should contribute to this phase of the work.

The report, which includes a geologic map, geologic cross-section, coal sections, data on depth to bedrock, and brief engineering descriptions of all the deposits will be of value in planning land utilization in the area. Foundation condition, sources of construction materials, and possible sources of water supplies are also shown on the map and discussed in the text.

Sincerely yours,

R. C. Becker

R. C. Becker
Missouri Basin Coordinator





UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Geological Division
Denver Federal Center
Denver, Colorado

JAN 18 1953

Mr. Charles E. Johnson
National Petroleum
Council, American Petroleum
Institute, Washington, D.C.
P.O. Box 1257
New York, New York

Dear Mr. Johnson:

A new and more complete report on the geology of the Fort Collins area is being prepared. This report, which has been prepared by the U. S. Geological Survey as a part of the Interior Department's program for the development of the Kansas River Basin, is now in open file and will be released later as a formal Geological Survey publication.

The new and more complete report contains an area of about 100 square miles in the lower Kansas River Basin. This area is a part of the geologic study to furnish pertinent basic geologic data for the development of the basin. In addition, certain geologic information for all and part of the basin is being furnished in this area, and the geologic history described in the report is of the basin.

The report, which includes a geologic map, geologic cross-sections, and text, contains data on both the geologic and geologic history of the basin. It is hoped that this report will be of value in planning and development in the area. For more information, a number of copies of the report are available, and possible sources of water are also shown on the map and discussed in the text.

Sincerely yours,

W. B. Fisher

W. B. Fisher
Assistant State Geologist