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UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

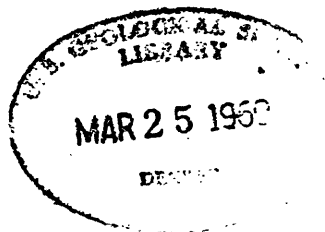
Maps showing locations of holes drilled in 1951 to 1956

by U.S. Geological Survey, Atkinson Mesa and

Dolores Bench areas, Uravan district,

Montrose County, Colorado

By U.S. Geological Survey



Open-file Report

1969

This report is preliminary and has not
been edited or reviewed for conformity
with U.S. Geological Survey standards.

Maps showing locations of holes drilled in 1951 to 1956 by U.S. Geological Survey, Atkinson Mesa and Dolores Bench areas, Uravan district, Montrose County, Colorado

The U.S. Geological Survey explored the Atkinson Mesa and Dolores Bench areas, Montrose County, Colorado, for uranium- and vanadium-bearing deposits from July 1951 to April 1956, with 405 diamond-drill holes that totaled 266,001 feet for the Atkinson Mesa area, and with 190 diamond-drill holes that totaled 56,838 feet for the Dolores Bench area. The deposits discovered are in a series of sandstone lenses in the upper part of the Salt Wash Member of the Jurassic Morrison Formation. The drilling was part of a program of exploration conducted on behalf of the U.S. Atomic Energy Commission.

The maps include an index map (fig. 1) and six others showing locations of drill holes (figs. 2,3,4,5,6, and 7). Logs of the holes identified on the accompanying maps outside the areas indicated as withdrawn for use of the U.S. Atomic Energy Commission may be inspected at the U.S. Geological Survey Library, Building 25, Federal Center, Denver, Colo. 80225, and at the U.S. Atomic Energy Commission Office, Grand Junction, Colo. 81501. Logs of 361 holes on land withdrawn for use of the Atomic Energy Commission are on open file at the Commission's Grand Junction Office.

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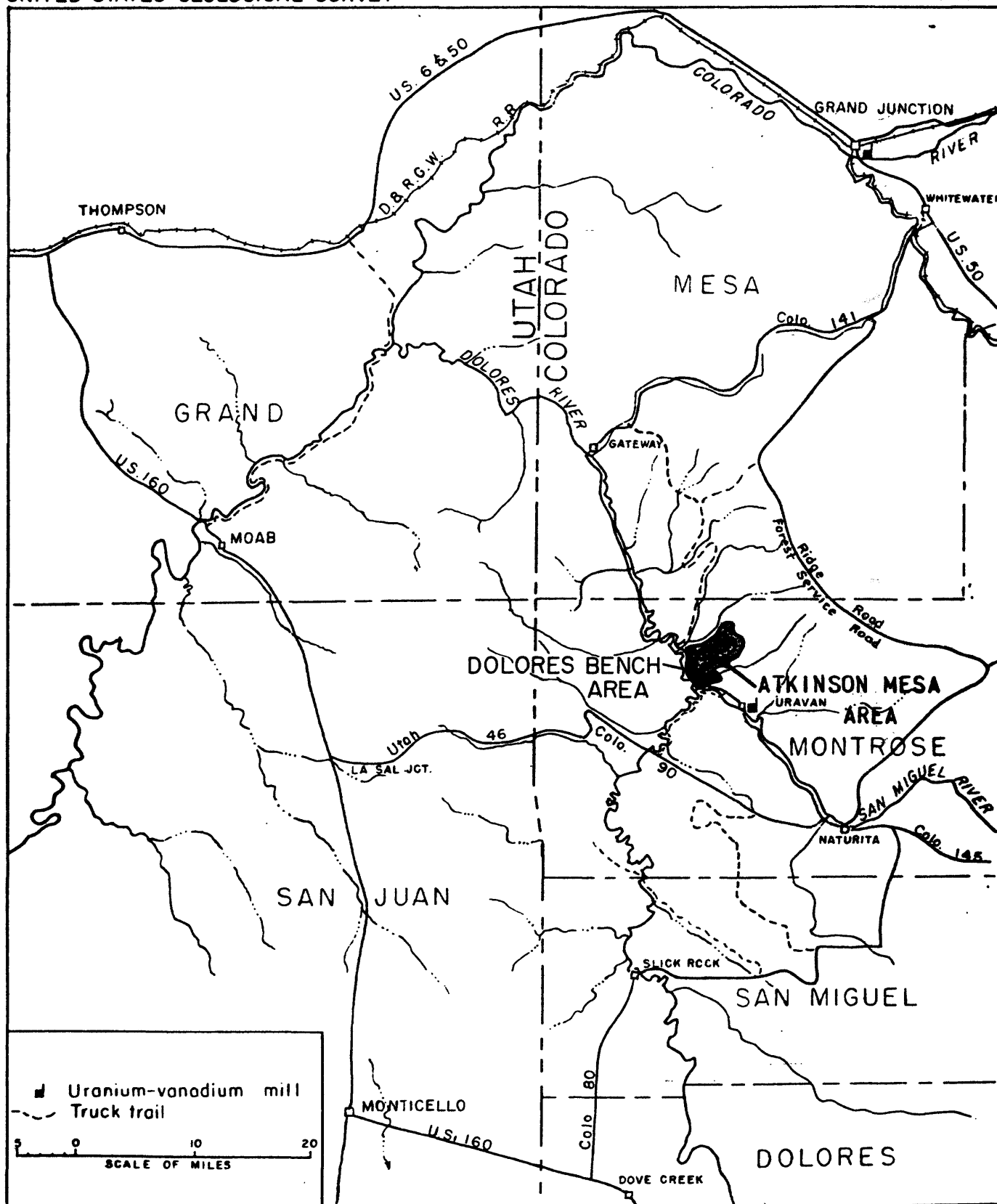


FIGURE 1.--INDEX MAP OF PART OF THE COLORADO PLATEAU SHOWING THE LOCATION OF THE ATKINSON MESA AND DOLORES BENCH AREAS, MONTROSE COUNTY, COLORADO

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in conformity with U. S. Geological