



- SOURCES OF GEOLOGIC DATA**
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INTRODUCTION

Tentative plans are underway for the construction of a series of coal-fired power plants in central Utah to use the vast coal deposits which underlie the area. As of 1976, eight such plants were being considered. Of these, three are planned for the Delta-Richt area west of the Wasatch Plateau; the remaining five are to be constructed east of the Wasatch Plateau (see small inset map of Utah, fig. 1).

Possible locations for these plants east of the Plateau include one site near Emery, and four other sites along that part of U.S. Highway 63-20 which extends from Price to Green River. Localities being considered in this stretch include Wellington, Mounds, Washade, and Green River (fig. 1). This part of U.S. Highway 63-20, and an additional route, follow a broad, curved valley eroded between the north end of the San Rafael Swell and the near-vertical face of the Book Cliffs. Price River flows southeast past Wellington, Mounds, and Washade before joining the Green River, which flows south through the city of Green River. Coal is being mined at Mounds and nearby communities from extensive beds exposed along the steep face of the Book Cliffs (inset map).

DISCUSSION

This preliminary geologic map of the southeast quarter of the Price 1° X 2° quadrangle has been prepared as an aid to all involved in the selection of locations that might be suitable for the construction of power plants in that sector which extends from Price to Green River. It gives a general overview of the geology, applying the general distribution both of the major bedrock units and the surficial deposits.

It is assumed that more specific localities have been selected where more detailed maps (at a scale of 1:24,000 or larger), using site-specific geologic and engineering data of those localities, will be prepared by other parties concerned with the appropriate governmental agencies. These detailed maps, in turn, should indicate the final selection of the specific sites for the proposed power plants.

EXPLANATION

PRELIMINARY GEOLOGIC MAP OF PART OF THE SOUTHEAST QUARTER OF THE PRICE 1° X 2° QUADRANGLE, CARBON, EMERY, AND GRAND COUNTIES, CENTRAL UTAH

Compiled by
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1979

CONTACT-- Approximately located or inferred. Dotted where concealed.
FAULT-- Dashed where approximately located or inferred. Dotted where concealed. Bar and ball rest on relatively downthrown block.
OC COLLAPSE FEATURE