



THIS REPORT HAS NOT BEEN EDITED FOR CONFORMITY WITH GEOLOGICAL SURVEY EDITORIAL STANDARDS OR STRATIGRAPHIC NOMENCLATURE.

**EXPLANATION**

- COAL OUTCROP - Dashed where approximately located; triangles indicate location of outcrop measurement with thickness of rock and coal<sup>1</sup>
- - - BAKED AND FUSED ROCK - Dotted line indicates inferred extent of burned coal
- - - BAKED AND FUSED ROCK OF LIMITED LATERAL EXTENT
- - - TOTAL COAL ISOPACH OF HAUGHINS BED - Dashed where approximately located, short dashed where inferred, line interval 2 feet
- - - INTERBURDEN ISOPACH BETWEEN HAUGHINS BED OR FIRST HAUGHINS BENCH AND R BED OR FIRST R BENCH - Approximately located, line interval 10 feet
- ABANDONED COAL MINE - Number indicates thickness of coal
- US 77189 DRILL HOLE - With identification number, US, United States Geological Survey; Montana Bureau of Mines and Geology; S, Montana Bureau of Mines and Geology; WC and AE, company drill hole
- OW 2 OIL WELL - With identification number
- DRILL-HOLE DATA - Showing surface elevation, thickness of rock and coal, and total-hole depth
- NO RECORD
- DEPTH INTERPRETED

<sup>1</sup>Letter indicates name of bed (R<sub>1</sub>, Rogers bed, R<sub>1</sub>, first Rogers bench, R<sub>2</sub>, second Rogers bench, Q, Q bed, R, R bed, R<sub>1</sub>, first R bench, R<sub>2</sub>, second R bench, H, Haughins bed, H<sub>1</sub>, first Haughins bench, H<sub>2</sub>, second Haughins bench, S, S bed, S<sub>1</sub>, first S bench, S<sub>2</sub>, second S bench, L, local bed, U, U bed)

All measurements in feet (to convert to meters, multiply by 0.3048)

**TOTAL COAL ISOPACH MAP OF HAUGHINS BED;  
INTERBURDEN ISOPACH MAP BETWEEN HAUGHINS BED OR FIRST  
HAUGHINS BENCH AND R BED OR FIRST R BENCH  
(TONGUE RIVER MEMBER OF FORT UNION FORMATION)  
HEDSTROM LAKE AREA**

McCONE, GARFIELD, PRAIRIE,  
CUSTER, AND ROSEBUD COUNTIES, MONTANA

