

EXPLANATION

①  
INDEX NUMBER OF MEASURED SECTION SHOWN ON  
PLATE 3 OF CRO MAP—Coal section measured at point  
of triangle.

③  
LINE OF COMPOSITE SECTION—Showing index number  
of section shown on plate 3 of CRO map. Composite sec-  
tion is based on nearby coal bed thickness measurements.

● GL 3452  
NR 221  
R 10+  
OIL AND GAS TEST HOLE—Showing drill-hole data, in  
feet.

GL—Ground elevation  
NR—No record  
R—Rock interval  
DRILL-HOLE DATA SYMBOLS

RB—Rosebud  
L—Local  
R—Robinson  
COAL BED SYMBOLS AND NAMES

5.7 RB 5.2  
TRACE OF COAL BED OUTCROP—Dashed where approxi-  
mately located; short dashed where inferred. Showing  
thickness fraction is shown, it indicates the net coal thick-  
ness (upper number) and net partings thickness (lower  
number). Letters designate the name of the coal bed as  
listed above. Arrow points to coal-bearing area. Trace of  
coal outcrop has been modified from Rogers and Lee (1923,  
pl. 11) to fit modern topographic map.

BURNED AND CLINKERED COAL BED—Showing area of  
baked and fused rock (v symbol). Dotted line indicates  
the inferred limit of burning.

To convert feet to meters, multiply feet by 0.3048.

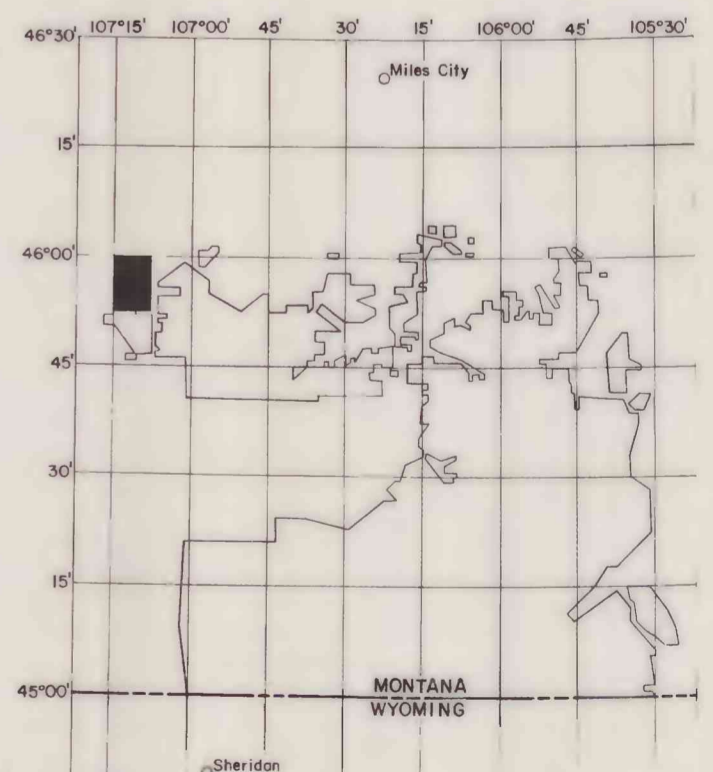
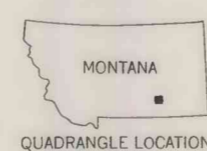
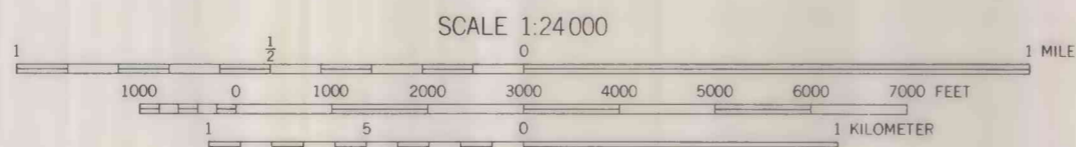
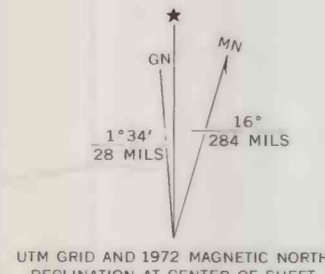
REFERENCES FOR NONINDEXED DATA POINTS

Rogers, G. S., and Lee, W., 1923, Geology of the Tullock coal  
field, Rosebud and Big Horn Counties, Montana: U.S.  
Geol. Survey Bull. 749, 181 p.

Tudor, M. S., 1975, Geologic exploration and development of  
coal in the Sarpy Creek area, Big Horn County, Montana,  
Energy resources in Montana: Montana Geol. Soc. Guide-  
book, Ann. Field Conf., p. 159-164.

Base map from U.S. Geological Survey, 1972

Compiled in 1977



INDEX MAP—Showing location of the Iron Spring  
quadrangle and the Northern Powder River Basin Known  
Recoverable Coal Resource Area (stippled), Montana

COAL RESOURCE OCCURRENCE MAP OF THE IRON SPRING  
QUADRANGLE, BIG HORN AND TREASURE COUNTIES, MONTANA  
BY  
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE  
1978