

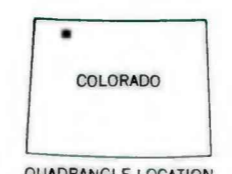
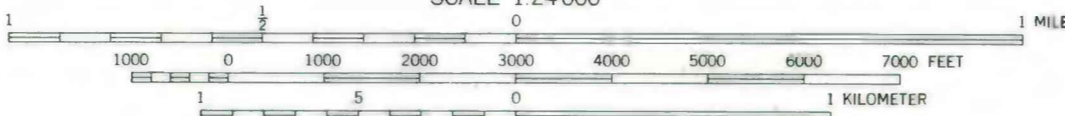
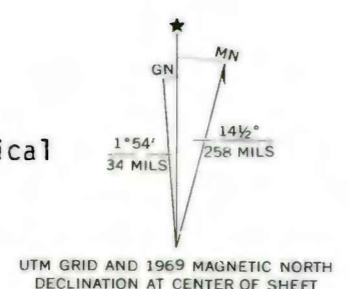
EXPLANATION

- GL 7070  
R 7  
C 13(Bv)  
R 2  
C 13.9(Bv)  
R 35  
C 1.5(FU[19])  
R 32
- GL 6540  
R 236.4  
C 14.9(Bv)  
R 12.6  
TD 263.5
- GL 6809  
NR 587  
R 530  
C 5(La)  
R 195  
C 3(La)  
R 1680+
- Walihan Mine  
C 9.8(WF[2])  
R 0.5  
C 8.5(WF[2])
- MINE MEASURED SECTIONS - Abandoned underground mine, showing mine name, if known, and coal and rock thickness, in feet. Index number refers to section on plate 3 of CR0 map or in table of text. Letters (or bracketed numbers) designate name of coal bed as listed below.
- C 7(FU[22])
- OUTCROP MEASURED SECTION - Showing rock interval and coal thickness, in feet. Index number refers to section on plate 3 of CR0 map or in table of text. Letters (or bracketed numbers) designate name of coal bed as listed below.
- C 1.5(P)  
R 0.5  
C 10.0(P)
- LINE OF MEASURED SECTION - Showing rock interval and coal thickness, in feet. Index number refers to section on plate 3 of CR0 map or in table of text. Letters (or bracketed numbers) designate name of coal bed as listed above.
- GL - Ground level elevation  
R - Rock interval  
C - Coal interval  
NR - No record of lithology  
TD - Total depth
- DRILL HOLE AND MEASURED-SECTION DATA SYMBOLS
- FU - Fort Union, undifferentiated  
Bv - Blevins  
E - Emerson  
La - Lance, undifferentiated  
WF - Williams Fork, undifferentiated
- COAL BED SYMBOLS AND NAMES - Coal beds or zones identified by bracketed numbers are not formally named, but are numbered for identification purposes in this quadrangle only.
- R 10  
C 5.0(FU[17])  
R 9
- TRACE OF COAL BED OUTCROP - Showing thickness of coal (and rock), in feet, measured at triangle. Index number refers to section on plate 3 of CR0 map or in table of text. Letters (and bracketed numbers) designate name of coal bed as listed above. Arrow points toward coal-bearing area. Dashed line indicates inferred outcrop. Trace of outcrop modified (from original data source) to fit modern topographic map.
- BURNED AND CLINKERED COAL - Showing area of baked and fused rock (v symbol). Dotted line indicates the inferred limit of burning.
- TRACE OF FAULT - Bar and ball on down-thrown side. Dashed where inferred. Dotted where concealed.

REFERENCES

- Brownfield, M. E., 1978, Reconnaissance drilling during 1977 in the Yampa coal field, Moffat and Routt Counties, Colorado: U.S. Geol. Survey Open-File Report 78-365, 135 p.
- Brownfield, M. E., and Prost, Gary, no date, Preliminary geologic map and coal sections of the Lay quadrangle, Moffat County, Colorado: U.S. Geol. Survey, open-file report, in preparation.
- Muller, S. C., 1976, Lithologic and geophysical logs of seven holes drilled in 1975 in the Yampa and Danforth Hills coal fields, northwestern Colorado: U.S. Geol. Survey Open-File Report 76-383, 180 p.
- U.S. Bureau of Reclamation, (no date), Preliminary drilling results of four drill holes in the Lay Creek EMRIA study site during 1978-1979, Moffat County, Colorado: U.S. Bur. of Reclamation, unpublished data.
- U.S. Geol. Survey, 1971, Inactive coal prospecting permit No. Colorado 12705.

This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.



COAL RESOURCE OCCURRENCE MAP OF THE LAY QUADRANGLE,  
MOFFAT COUNTY, COLORADO  
BY  
DAMES & MOORE  
1979