UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NORTHWEST BRIDGER PASS QUADRANGLE
WYOMING-CARBON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 78-619
PLATE 1 OF 32

107°30′ — 27′30″ — R.89 W. — 25′ — R.88 W. — 107°22′30″
41°45′ — T.21 N. — 42′30″ — T.20 N. — 40′ — T.19 N. — 41°37′30″

(1) GL NA
R 20
C 2(A1)
R 57
C 2(L)
R 109
C 3(A1)
R 115
C 4(A1)
R 2
C 1(A1)
R 45
C 2(L)

(2) GL 7270
NR 133
R 146
C 3(A1)
R 205
C 5(A1)
R 24
C 3(L)
R 74
C 3(L)
R 2404+

(3) GL 7364
R 77.5
C 3.0(B)
R 84.5
C 1.5(La-FH)
R NR

(4) GL 7192
NR 82
R 2191
TD 2273

(5) GL NA
R 48
C 5(A1)
R 26
C 2(L)
R 29
C 2(L)
R 3
C 3(L)
R 8
C 2(L)
R 9
C 5(A1)
R 77
C 3(L)
R 23
C 5(A1)
R 18
C 4(L)
R 28
TD 300

(6) GL 6850
R 70
C 4(FU)
R 15
C 4(FU)
R 21
C 2(FU)
R 4
C 3(FU)
R 53
C 1(G)
R 3
C 4(G)
R 2
C 4(G)
R 40
C 5(H)
R 120
C 2(FU)
R 63
TD 420

(7) GL 6810
R 18.0
C 4.0(E1)
R 78.0
C 4.0(E2)
R 161.0
C 6.0(F2)
R 104.0
TD 375

(9) GL 6874
R 3.0
C 5.0(E2)
R 18.0
C 4.0(E2)
R 138.0
C 6.0(F2)
R 26.0
TD 200

(11) GL 6879
R 81.0
C 5.0(F2)
R 164.0
TD 250

(14) GL 6935
R 111.0
C 2.0(G)
R 2.0
C 6.0(G)
R 6.0
C 5.0(G)
R 40.0
C 7.0(H)
R 71.0
TD 250

(17) GL 6950
R 19.0
C 9.0(G)
R 11.0
C 3.0(G)
R 45.0
C 5.0(H)
R 110.0
TD 202

(20) GL 6845
R 57.0
C 7.0(E1)
R 6.0
C 10.0(E1)
R 10.0
C 3.0(E1)
R 56.0
C 3.0(E2)
R 26.0
C 7.0(E2)
R 158.0
C 5.0(F2)
R 94.0
TD 442

(21) GL 6842
R 71.0
C 3.0(E2)
R 30.0
TD 104

(22) GL 6830
R 72.0
C 4.0(E1)
R 112.4
C 9.1(E2)
R 80.5
C 3.0(L)
R 94.0
TD 375

(23) GL 6807
R 72
C 3(FU)
R 115
C 9(E1)
R 79
C 3(E2)
R 94
TD 375

(26) GL 6920
R 44.0
C 5.0(F2)
R 228.0
C 1.0(G)
R 22.0
TD 300

(31) GL 6920
R 67.3
C 4.7(G)
R 0.3
C 2.2(G)
R 0.8
C 2.0(G)
R 0.5
C 0.3(G)
R 14.4
C 4.3(G)
R 188
C 6.7(H)
R 1.7
TD 149

(38) GL 6840
R 4
C 2(E2)
R 27
C 2(E2)
R 141
C 4(F2)
R 40
TD 220

(39) GL 7165
R 231
C 10(B)
R NR

(40) GL 7193
R 101
C 8.5(A)
R NR

(41) GL 7201
R 67.2
C 12(C)
R NR

(43) GL 6880
R 138
C 5(F2)
R 77
TD 220

(45) GL 7046
NR 500
R 67
C 3(La-FH)
R 459
C 3(A1)
R 172
C 3(A1)
R 59
C 3(A1)
R 33
C 3(A1)
R 240
C 2(A1)
R 44
C 2(A1)
R 20
C 2(A1)
R 30
C 6(A1)
R 60
C 3(A1)
R 1287+

(46) GL 7164
R 746
C 5.0(A)
R 19.5
C 4(La-FH)
R 96.5
C 3(B)
R 1
C 1(B)
R 99.5
C 2(C)
R 2.0
C 5(C)
R NR

(47) GL 7186
R 33
C 2(L)
R 69
C 3.0(A)
R 2
C 1.5(A)
R 22
C 4.0(La-FH)
R 84
C 1.5(B)
R 7
C 1.0(B)
R 9
C 1(B)
R 97.2
C 8(C)
R NR

(51) GL 7244
R 79
C 1(A)
R 4
C 4(A)
R 132.5
C 2.4(B)
R 123.6
C 7.5(C)
R NR

(54) GL 7265
R 109
C 3.5(A)
R 2
C 2(A)
R 37.5
C 1.5(L)
R 86
C 3.5(B)
R 30
C 7.0(L)
R 2
C 1.5(L)
R NR

(60) GL 7266
R 40
C 3(La-FH)
R 45.5
C 5(A)
R 136
C 3.5(B)
R 1
C 3.5(B)
R 139.5
C 7(C)
R NR

(64) GL 7278
R 18.5
C 3.5(La-FH)
R 58.5
C 3.5(A)
R 7.5
C 1.0(L)
R 26.5
C 1.8(L)
R 2.7
C 2.0(L)
R 88.5
C 1.0(B)
R 1.5
C 2.9(B)
R 92.1
C 2(La-FH)
R 41
C 6(C)
R NR

(66) GL 7286
R 181
C 2(L)
R 18
C 2(A1)
R 197
TD 400

(67) GL 7276
R 56
C 2(L)
R 41
C 2(L)
R 233
C 1(L)
R 49
C 5.4(A1)
R 10.6
TD 400

(70) GL 6725
R 294.0
C 1.0(B)
R 1.0
C 6.0(B)
R 18.0
TD 320

(71) GL 6754
R 76.0
C 6.0(B)
R 42.0
C 2.0(FU)
R 174.0
TD 300

(73) GL 6820
R 125.0
C 2.0(L)
R 157.0
C 10.0(B)
R 28.0
C 6.0(FU)
R 27.0
C 5.0(FU)
R 82.0
TD 442

(74) GL 6760
R 62
C 7(B)
R 56
C 2(FU)
R 29
C 4(FU)
R 245
C 5(E2)
R 151
C 1(L)
R 1
C 3(L)
R 21
C 5(E2)
R 40
C 3(L)
R 150
C 6(G)
R 55
C 3(L)
R 28
C 2(H)
R 199
C 4(FU)
R 118
TD 1200

(79) GL 6820
R 21.0
C 9.0(B)
R 36.0
C 5.0(FU)
R 24.0
C 4.7(FU)
R 20.3
TD 120

(80) GL 6840
R 95.0
C 3.0(E1)
R 17.0
C 5.0(E1)
R 44.0
C 1.0(FU)
R 15.0
TD 180

(84) GL 6907
R 54.0
C 9.0(E2)
R 17.0
TD 80

(85) GL 6966
R 31.0
C 9.0(F2)
R 40.0
TD 80

(86) GL 6830
R 117.0
C 2.0(E1)
R 7.0
C 1.0(E1)
R 57.0
C 2.0(FU)
R 14.0
TD 200

(92) GL 7043
R 39.0
C 2.0(L)
R 56.0
C 5.0(G)
R 36.0
C 2.0(FU)
R 20.0
TD 160

(94) GL 7065
R 48.0
C 6.0(H)
R 62.0
TD 116

(100) GL 6896
R 84.0
C 2.0(L)
R 149.0
C 8.0(E1)
R 2.0
C 2.0(E1)
R 6.0
C 8.0(E1)
R 19.0
TD 280

(103) GL 6926
R 44.0
C 8.0(E1)
R 2.0
C 2.0(E1)
R 3.0
C 5.0(E1)
R 1.0
C 3.0(E1)
R 247.0
C 8.0(F2)
R 27.0
TD 350

(104) GL 6998
R 42.0
C 9.0(F2)
R 239.0
C 2.0(FU)
R 8.0
TD 300

(105) GL 6944
R 87.0
C 9.0(F2)
R 24.0
TD 120

(106) GL 6970
R 153
C 4(E1)
R 3
C 2(E1)
R 28
C 7(E1)
R 50
C 3(FU)
R 22
C 2(FU)
R 143
TD 417

(107) GL 6999
R 83.0
C 2.0(L)
R 48.0
C 4.0(FU)
R 50.0
C 5.0(G)
R 130.0
C 4.0(H)
R 74.0
TD 400

(108) GL 7024
R 37.0
C 4.0(FU)
R 338.0
C 1.0(G)
R 124.0
C 4.0(H)
R 272.0
TD 500

(110) GL 6750
R 52.0
C 3.0(B)
R 41.0
C 3.0(FU)
R 201.0
TD 300

(111) GL 6790
R 136.0
C 7.0(E1?)
R 95.0
C 4.0(E2)
R 19.0
C 5.0(E2)
R 115.0
C 2.0(F2)
R 2.0
C 7.0(F2)
R 168.0
C 1.0(L)
R 3.0
C 1.0(L)
R 69.0
C 8.0(G)
R 5.0
C 5.0(G)
R 49.0
C 5.0(H)
R 36.0
TD 742

Base from U.S. Geological Survey, 1956

Compiled in 1977/1978

SCALE 1:24 000

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

APPROXIMATE MEAN DECLINATION, 1956
15°
TRUE NORTH
MAGNETIC NORTH

WYOMING
QUADRANGLE LOCATION

EXPLANATION

(43) GL 6880
R 138
C 5 (F2)
R 77
TD 220

COAL TEST HOLE - Showing drill-hole data, in feet. Index number refers to hole location on Plate 1 (Sheet 1), and on Plate 3 of CRO map or in table of text. Letters designate name of coal bed as listed below.

(2) GL 7270
NR 133
R 146
C 3(A1)
R 205
C 5(A1)
R 24
C 3(L)
R 74
C 3(L)
R 2404+

OIL AND GAS TEST HOLE - Showing drill-hole data, in feet. Index number refers to hole location on Plate 1 (Sheet 1), and on Plate 3 of CRO map or in table of text. Letters designate name of coal bed(s) as listed below.

GL - Ground level elevation
NA - No altitude available
NR - No record
R - Rock interval
C - Coal interval
TD - Total depth

TEST HOLE AND MEASURED-SECTION DATA SYMBOLS

B - B bed (Fillmore Ranch) of the Lower Fort Union Coal Zone
D1 - D1 bed (Separation Creek) of the Lower Fort Union Coal Zone
E1 - E1 bed (Olson Draw) of the Lower Fort Union Coal Zone
E2 - E2 bed of the Lower Fort Union Coal Zone
F2 - F2 bed (Red Rim) of the Lower Fort Union Coal Zone
G - G bed (Daleys Ranch) of the Lower Fort Union Coal Zone
H - H bed of the Lower Fort Union Coal Zone
FU - Fort Union, undifferentiated
A - A bed of the Lance-Fox Hills Coal Zone
B - B bed of the Lance-Fox Hills Coal Zone
C - C bed (Nebraska) of the Lance-Fox Hills Coal Zone
La-FH - Lance-Fox Hills Coal Zone, undifferentiated
Al - Almond, undifferentiated
L - Local

COAL BED SYMBOLS AND NAMES

To convert feet to meters, multiply feet by 0.3048.

REFERENCES

Rocky Mountain Energy Co., Unpublished drill-hole data from the Red Rim and Continental Divide projects and the Union Pacific coal inventory of 1971-1973.

U.S. Geological Survey, 1978, Unpublished data from holes drilled during 1975, 1976, and 1977 for classification and evaluation of lands in the Rawlins (Little Snake River) KRCRA, Carbon County, Wyoming.

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

COAL RESOURCE OCCURRENCE MAP OF THE NORTHWEST QUARTER OF THE BRIDGER PASS 15-MINUTE QUADRANGLE, CARBON COUNTY, WYOMING

BY

DAMES & MOORE

1978

PLATE 1
SHEET 2 OF 2
COAL DATA MAP