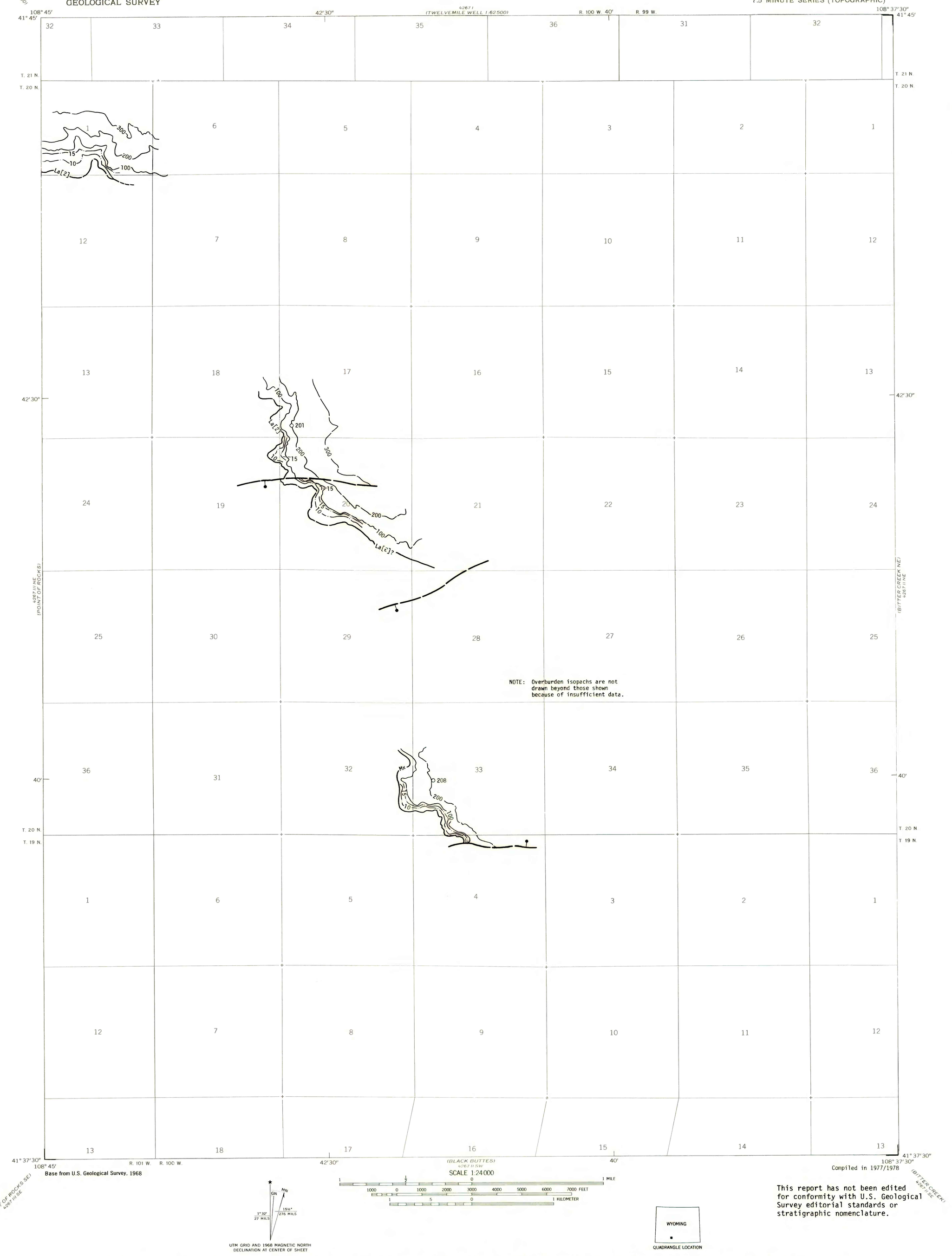
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BITTER CREEK NW QUADRANGLE
WYOMING—SWEETWATER CO
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-1023

PLATE 9 OF 16



NOTE: Overburden isopachs are not drawn beyond those shown because of insufficient data.

Base from U.S. Geological Survey, 1968

SCALE 1:24 000

1 MILE
7000 FEET
1 KILOMETER

GN MN
1° 32′ 27 MILS
15½° 276 MILS
UTM GRID AND 1968 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

WYOMING
QUADRANGLE LOCATION

Compiled in 1977/1978

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

EXPLANATION

200

OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from surface to top of coal bed. Dashed where vertical accuracy possibly not within 40 feet. Isopach interval 100 feet (31 m).

208

DRILL HOLE - Showing thickness of overburden, in feet, from surface to top of coal bed.

10

MINING-RATIO CONTOUR - Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in areas underlain by coal of Reserve Base thickness within the stripping-limit (in this quadrangle, the 200-foot-overburden isopach). To convert mining ratio to cubic meters of overburden per metric ton of recoverable coal, multiply mining ratio by 0.8428.

Mx - Maxwell
La - Lance

COAL BED SYMBOLS AND NAMES - Coal beds identified by bracketed numbers are not formally named, but are numbered for identification purposes in this quadrangle only.

La[2]

TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Dashed where inferred; short dashed where inferred by present authors.

TRACE OF FAULT - Bar and ball on downthrown side when direction of movement is known. Dashed where inferred or approximately located.

To convert feet to meters, multiply feet by 0.3048.

COAL RESOURCE OCCURRENCE MAP OF THE BITTER CREEK NW QUADRANGLE, SWEETWATER COUNTY, WYOMING

BY

DAMES & MOORE

1979

PLATE 9

OVERBURDEN ISOPACH AND MINING RATIO MAP OF THE MAXWELL AND THE LANCE [2] COAL BEDS