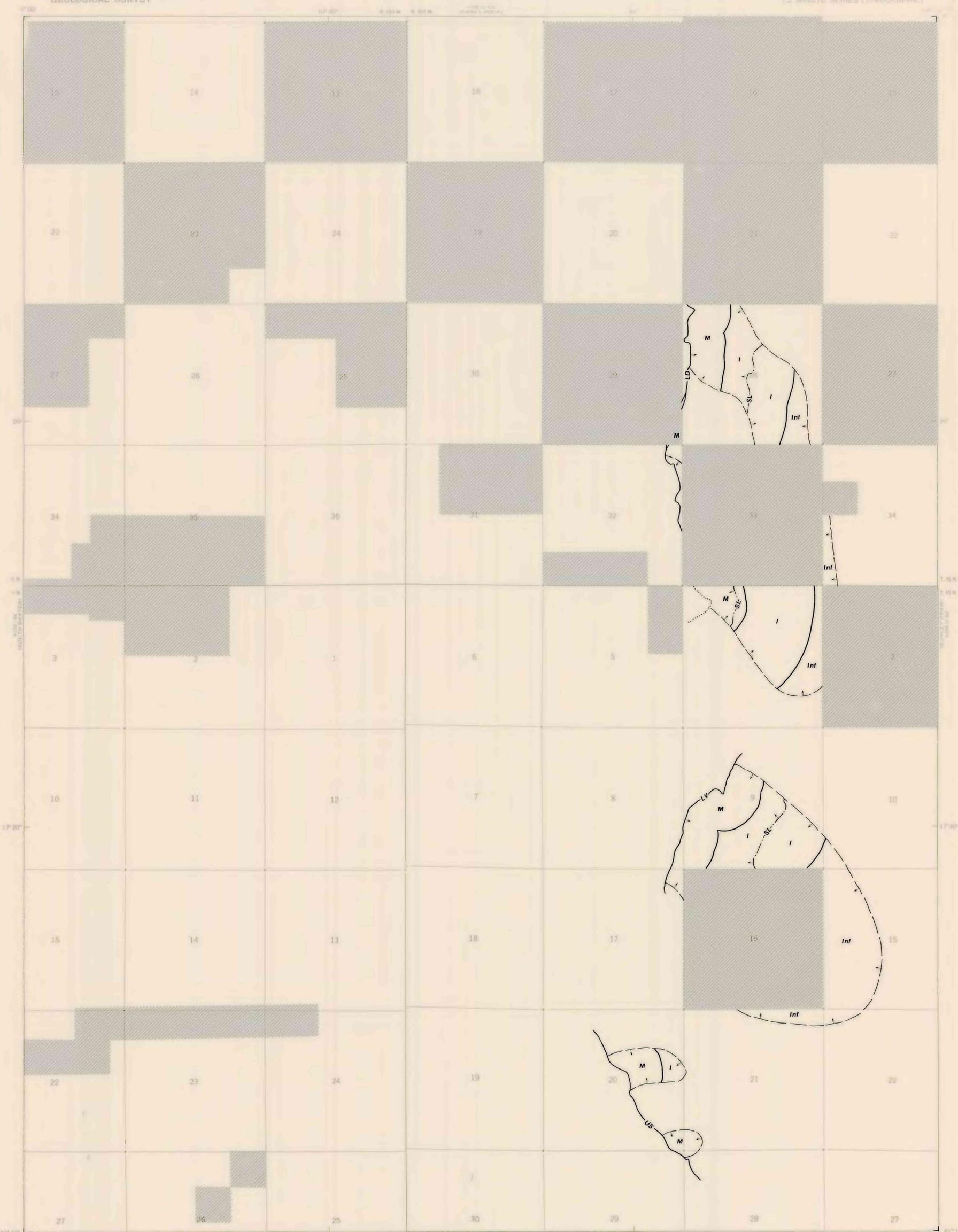


**OPEN-FILE REPORT**  
This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

OPEN FILE REPORT 78-031  
PLATE 22 OF 35

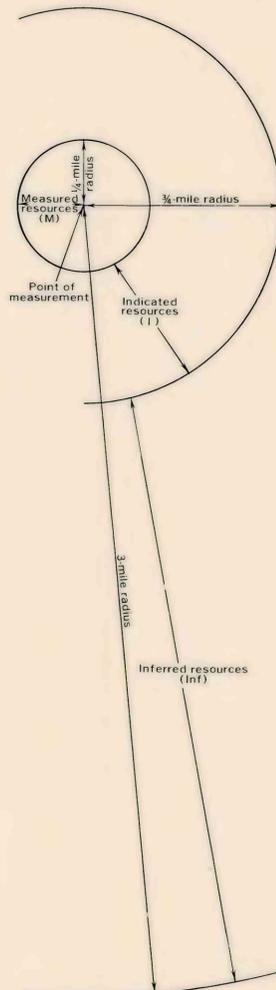


**EXPLANATION**

NON-FEDERAL COAL LAND — Land for which the Federal Government does not own the coal rights.

TRACE OF COAL BED OUTCROP — Dotted where concealed. Arrow points to the coal bearing area. Letters designate name of coal bed.

US — Upper Sparrow  
LV — Lower Little Valley  
LD — Lower Mourning Dove  
COAL BED SYMBOLS AND NAMES



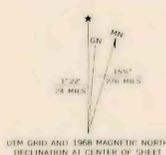
**BOUNDARY LINES** — Enclosing areas of measured, indicated, and inferred coal resources of the Upper Sparrow (US), Lower Little Valley (LV), and Lower Mourning Dove (LD) coal beds.

**RESERVE BASE BOUNDARY** — Long dashed for the 5-foot coal isopach. Arrows point toward the area with thicker coal.

**STRIPPING-LIMIT LINE** — Boundary for surface mining of the Lower Little Valley (LV), and Lower Mourning Dove (LD) coal beds (in this quadrangle, the 200-foot overburden isopach). Arrows point toward the area suitable for surface mining, with a recovery factor of 85 percent. A recovery factor of 50 percent applies to the area suitable for subsurface mining (200 to 1000 feet of overburden).

To convert feet to meters, multiply feet by 0.3048.

Base from U.S. Geological Survey, 1968  
Compiled in 1977



**COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF THE MUD SPRINGS RANCH QUADRANGLE, SWEETWATER COUNTY, WYOMING**  
BY  
**JOSEPH D. SANCHEZ**  
1978

**PLATE 22**  
AREAL DISTRIBUTION OF IDENTIFIED RESOURCES OF THE UPPER SPARROW, LOWER LITTLE VALLEY, AND LOWER MOURNING DOVE COAL BEDS