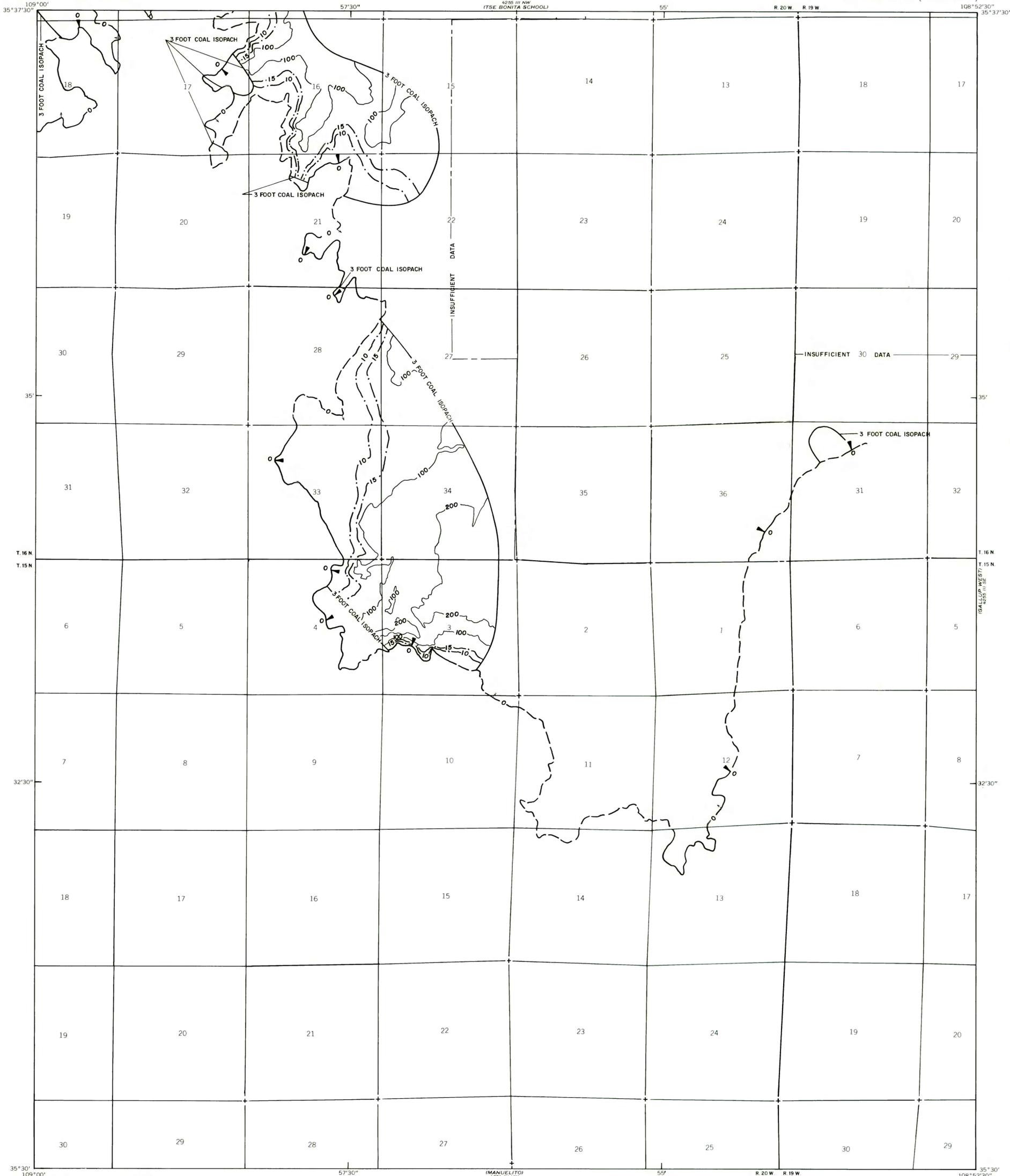


This report has not been edited  
for conformity with Geological  
Survey editorial standards or  
stratigraphic nomenclature.



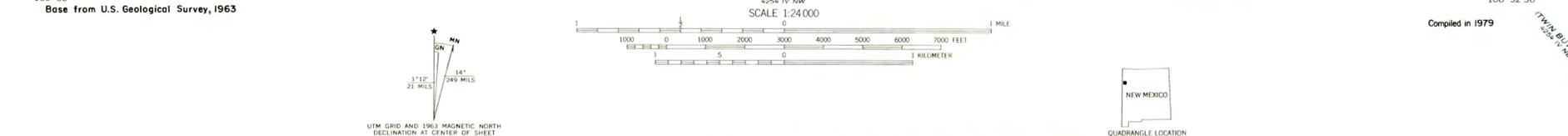
**EXPLANATION**

— 100 —  
OVERBURDEN ISOPACHS—Showing thickness of overburden, in feet, from the surface to the top of the Crevasse Canyon Gibson No. 5 coal bed. Isopach interval 100 feet (30.5 meters). Isopachs dashed where inferred. Stripping limit is 200 feet (61 meters).

— 0 —  
TRACE OF COAL BED OUTCROP—Showing no overburden at triangle. Arrow points toward the coal-bearing area. Dashed line indicates inferred outcrop.

— 10 —  
MINING RATIO CONTOUR FOR THE CREVASSE CANYON GIBSON NO. 5 COAL BED—Number indicates cubic yards of overburden per ton of recoverable coal by surface-mining methods. Contours shown only in areas suitable for surface mining within the stripping limit, less than 200 feet (61 meters) of overburden.

To convert feet to meters, multiply feet by 0.3048.



**COAL RESOURCE OCCURRENCE MAP OF THE SAMSON LAKE  
QUADRANGLE, MCKINLEY COUNTY, NEW MEXICO  
BY  
BERGE EXPLORATION, INC.  
1979**