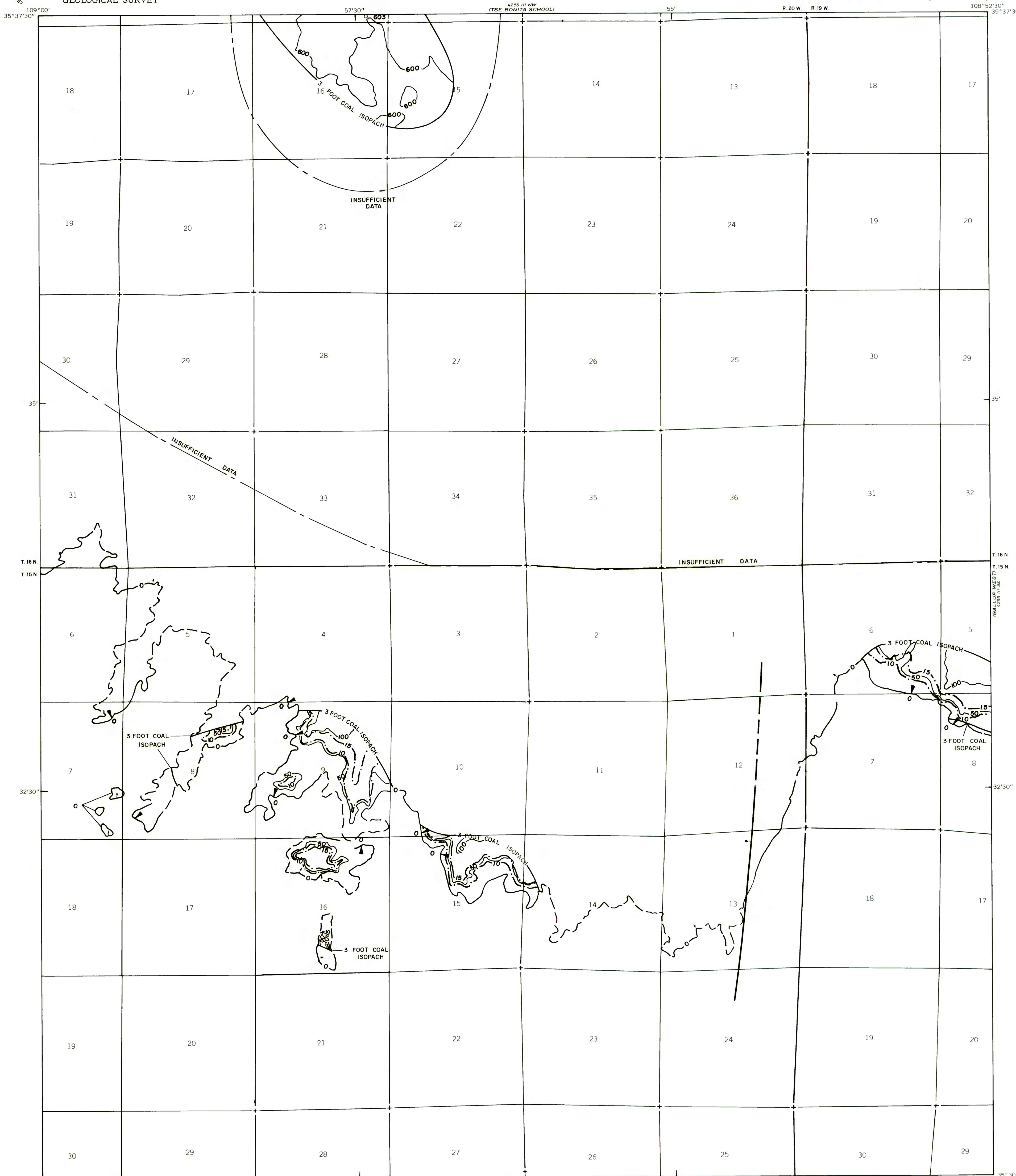


This report has not been edited for conformity with Geological Survey editorial standards or stratigraphic nomenclature.



EXPLANATION

— 100 —  
OVERBURDEN ISOPACHS—Showing thickness of overburden, in feet, from the surface to the top of the Crevasse Canyon Dilco No. 8 coal bed. Isopach interval 100 feet (30.5 meters) with 50 foot (15.2 meter) supplemental isopach. Isopachs dashed where inferred. Stripping limit is 200 feet (61 meters).

— 10 —  
TRACE OF COAL BED OUTCROP—Showing no overburden at triangle. Arrow points toward the coal-bearing area. Dashed line indicates inferred outcrop.

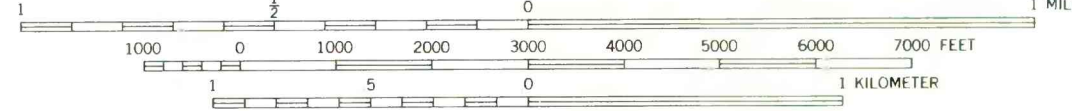
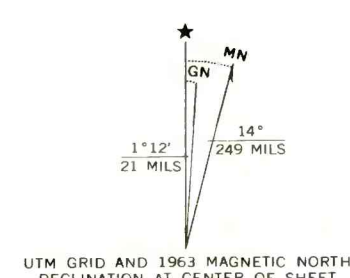
MINING RATIO CONTOUR FOR THE CREVASSE CANYON DILCO NO. 8 COAL BED—Number indicates cubic yards of overburden per ton of recoverable coal by surface-mining methods. Contours shown only in areas suitable for surface mining within the stripping limit, less than 200 feet (61 meters) of overburden.

FAULT—Dashed where approximately located; bar and bell on down-thrown side.

To convert feet to meters, multiply feet by 0.3048.

Base from U.S. Geological Survey, 1963

Compiled in 1979



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