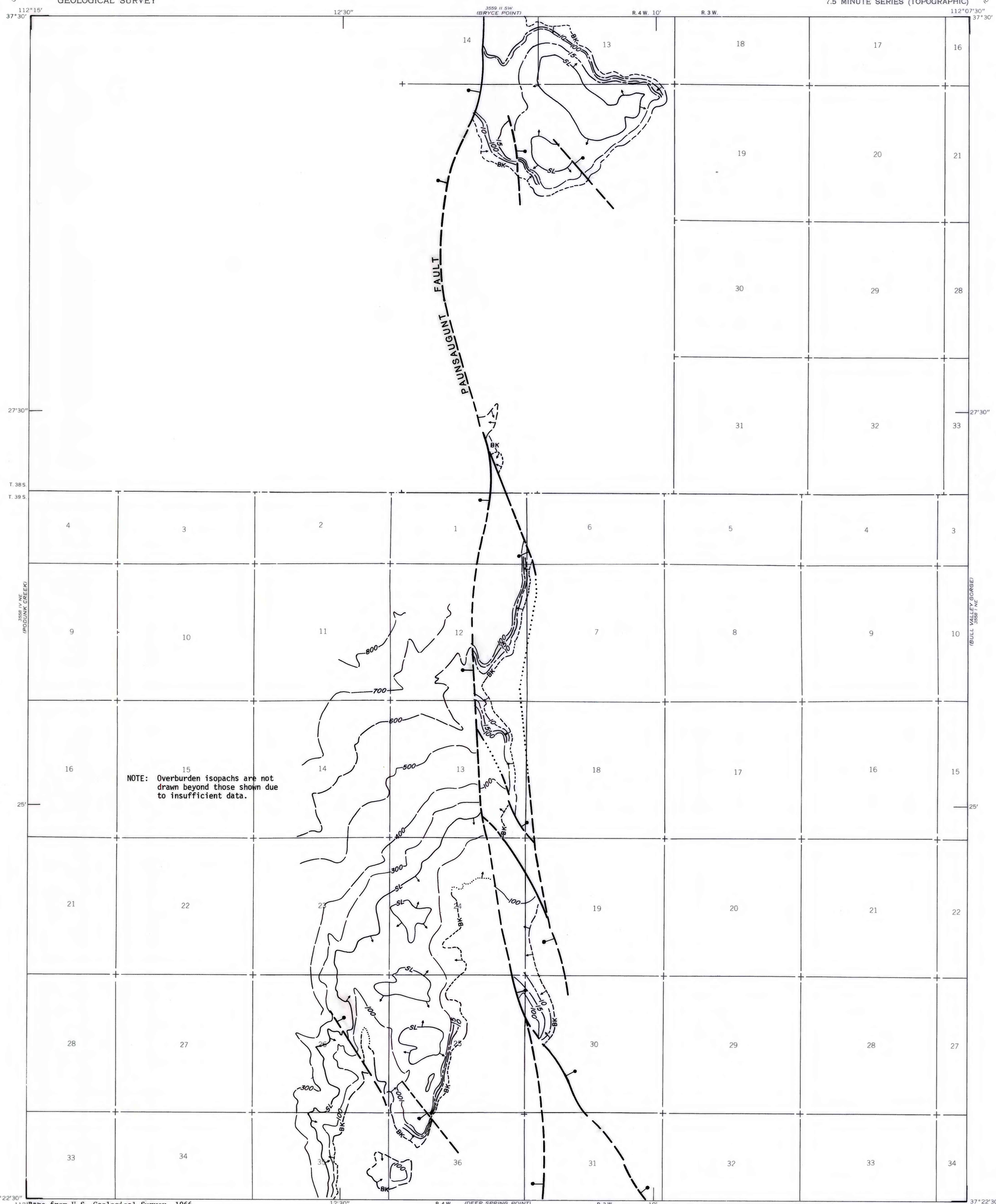
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RAINBOW POINT QUADRANGLE
UTAH–KANE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN-FILE REPORT 80-107

PLATE 6 OF 13



Base from U.S. Geological Survey, 1966

SCALE 1:24 000

Compiled in 1978/1979

OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from the surface to the top of the coal bed or zone. Dashed where vertical accuracy possibly not within 40 feet. Isopach interval is 100 feet.

STRIPPING-LIMIT LINE - Boundary for surface mining (in this quadrangle, the 200-foot-overburden isopach). Arrow points toward the area suitable for surface mining.

TRACE OF COAL ZONE OUTCROP - Showing symbol of name of coal zone as listed below. Arrow points toward coal-bearing area. Long-dashed where inferred; short-dashed where author-inferred. Trace of coal zone contact dotted where concealed by alluvium.

BK - BALD KNOLL

COAL ZONE SYMBOL AND NAME - Symbol appears as an identifier on the TRACE OF COAL ZONE OUTCROP.

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.

TRACE OF FAULT - Symbols designate direction of movement when known. Bar and ball on downthrown side; dashed where inferred, dotted where concealed.

To convert feet to meters, multiply feet by 0.3048.

This report was prepared under contract to the U.S. Geological Survey and has not been edited for conformity with Geological Survey standards and nomenclature. Opinions, and conclusions expressed herein do not necessarily represent those of the Geological Survey.

UTAH
QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE RAINBOW POINT QUADRANGLE, KANE COUNTY, UTAH BY MEIJI RESOURCE CONSULTANTS

1979

PLATE 6

OVERBURDEN ISOPACH AND MINING RATIO MAP OF THE BALD KNOLL COAL ZONE