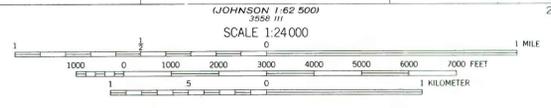


- OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from the surface to the top of the coal bed or zone. Dashed where vertical accuracy possibly not within 40 feet. Isopach interval is 80 feet to Stripping Limit Line and 200 feet above the Stripping Limit Line.
 - DRILL HOLE - Showing the thickness of overburden, in feet, from the surface to the top of the coal bed or zone.
 - 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.
 - S - SMIRL
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.
 - IGNEOUS ROCK
 - BASALT PLUG - Position inferred, peripheral area showing estimates area of baked or fused rock (▼ symbol). Dotted line indicates inferred limit of fusion.
- To convert feet to meters, multiply feet by 0.3048.

NOTE: Overburden isopachs are not drawn beyond those shown due to insufficient data.



COAL RESOURCE OCCURRENCE MAP OF THE BALD KNOLL QUADRANGLE,

KANE COUNTY, UTAH BY MEIJI RESOURCE CONSULTANTS

1979

PLATE 10

OVERBURDEN ISOPACH AND
MINING-RATIO MAP OF THE
SMIRL COAL ZONE