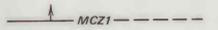


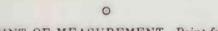
ISOPACH—Showing thickness of coal, in feet. Arrow points toward area where coal bed is 5 feet or more thick.



TRACE OF COAL BED OUTCROP—Showing symbol of name of coal bed. Arrow points toward coal-bearing area. Dashed where inferred by present authors.



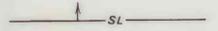
FAULT—Dashed where approximately located; bar and ball on downthrown side where direction of movement is known; dotted where concealed.



POINT OF MEASUREMENT—Point from which boundary lines for measured, indicated, and inferred coal resources were drawn.



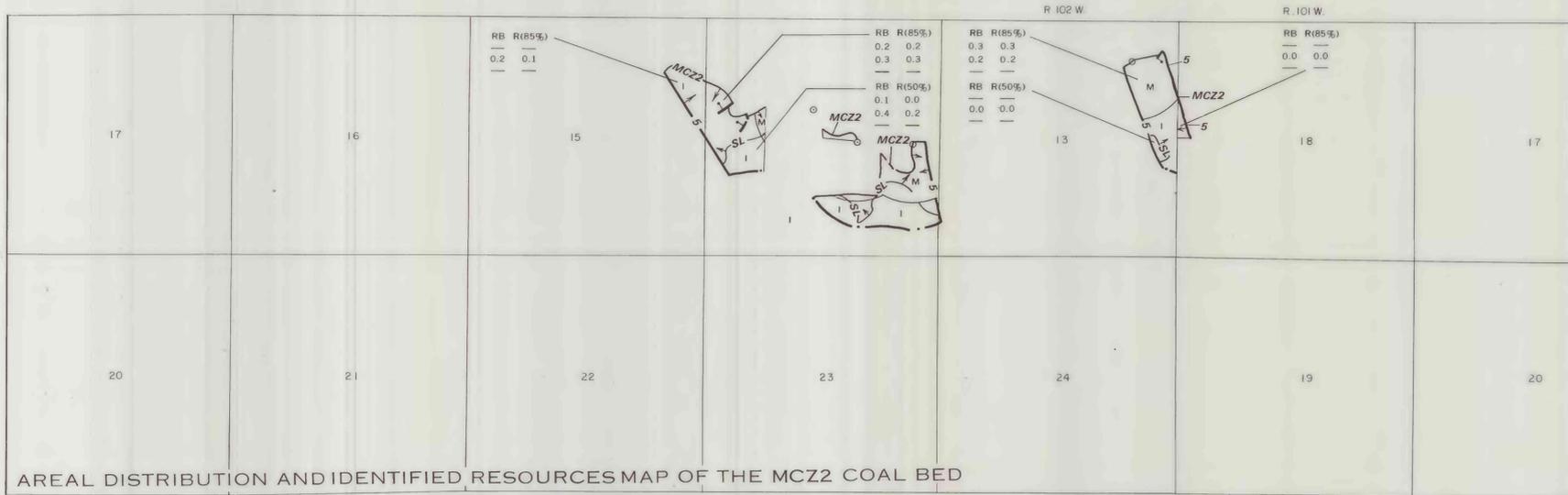
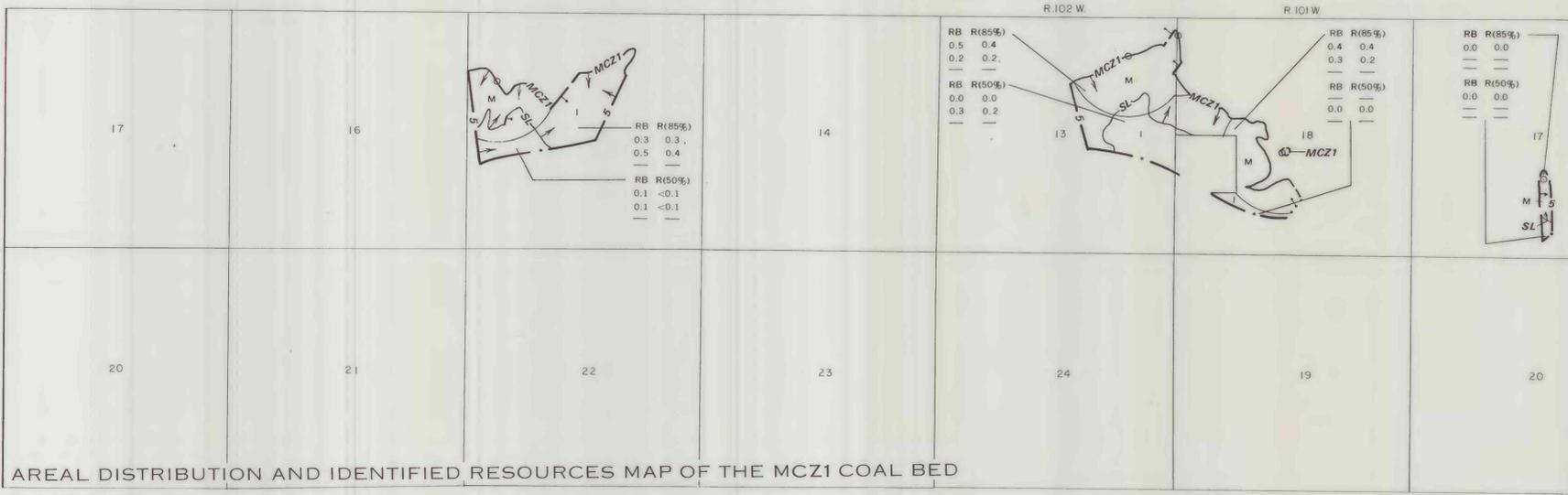
INSUFFICIENT DATA LINE—Coal resources were not calculated for areas beyond line shown because of insufficient data.



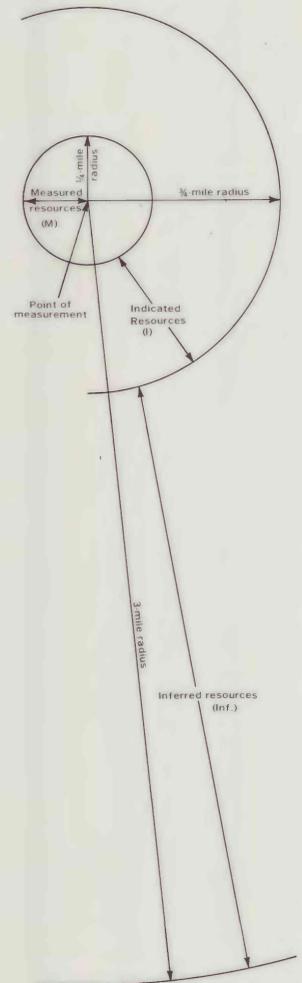
STRIPPING-LIMIT LINE—Boundary for surface mining (in this quadrangle, the 200-foot-overburden isopach). Arrow points toward the area suitable for surface mining where the recovery factor is 85 percent, and away from the area suitable for subsurface mining (down dip to the 3,000-foot-overburden isopach) where the recovery factor is 50 percent.

Surface RB R(85%)	Surface RB R(50%)	Subsurface RB R(85%)	Subsurface RB R(50%)	
0.2	0.2	0.0	0.0	(Measured)
0.3	0.3	0.4	0.2	(Indicated)
—	—	—	—	(Inferred)

IDENTIFIED COAL RESOURCES—Showing totals for Reserve Base (RB) and Reserves (R), in millions of short tons, for each section or part of section of non-leased Federal coal land, both within and beyond the stripping-limit line. Reserve (R) tonnage is calculated by multiplying the Reserve Base (RB) tonnage by the appropriate recovery factor. Dash indicates no resource in that category. Underground Reserves have been calculated for only that part of the Reserve Base that is suitable for underground mining.



Reserve base figures are rounded off to the nearest 100,000 short tons, therefore, 0.0 represents a section with less than 50,000 short tons.



BOUNDARY LINES—Enclosed areas of measured, indicated, and inferred coal resources of the coal bed.

To convert short tons to metric tons, multiply short tons by 0.9072.

To convert feet to meters, multiply feet by 0.3048.

COAL RESOURCE OCCURRENCE MAP OF THE RANGELY QUADRANGLE,
RIO BLANCO COUNTY, COLORADO

BY
AAA ENGINEERING AND DRAFTING, INC.

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