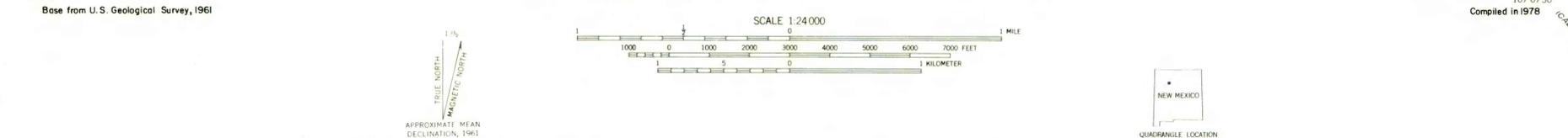


EXPLANATION

-  NON-FEDERAL COAL LAND—Land for which the Federal Government does not own the coal rights, and for which the coal development potential is not rated.
-  AREA OF HIGH COAL DEVELOPMENT POTENTIAL FOR SURFACE MINING METHODS—Includes areas underlain by the Menefee Cleary No. 1 coal bed. Area has a mining ratio value from 0 to 10.
-  AREA OF MODERATE COAL DEVELOPMENT POTENTIAL FOR SURFACE MINING METHODS—Includes areas underlain by the Menefee Cleary No. 1 coal bed. Area has a mining ratio value ranging from 10 to 15.
-  AREA OF LOW COAL DEVELOPMENT POTENTIAL FOR SURFACE MINING METHODS—Includes areas underlain by the Menefee Cleary No. 1 and No. 3 coal beds. Area has a mining ratio value greater than 15.
-  AREA OF UNKNOWN COAL DEVELOPMENT POTENTIAL FOR SURFACE MINING METHODS—Includes areas within the stripping limit (200 feet-61 meters-overburden) with coal thickness less than 3.0 feet (0.9 meters), areas with insufficient data, areas outside the coal outcrop or limit of coal beds within the Menefee Formation.
-  AREA OF NO COAL DEVELOPMENT POTENTIAL FOR SURFACE MINING METHODS—Includes areas outside the Menefee Formation.

To convert feet to meters, multiply feet by 0.3048.

NOTE: ELM coal ownership data current as of Oct. 26, 1978.



COAL DEVELOPMENT POTENTIAL MAP OF THE ARROYO EMPEDRADO
QUADRANGLE, SANDOVAL COUNTY, NEW MEXICO
BY
BERGE EXPLORATION, INC.
1979