



EXPLANATION

- BOUNDARY OF FAVORABLE, SEMIFAVORABLE, AND UNFAVORABLE GROUND UNDERLAIN BY MAIN ORE-BEARING SANDSTONE
- GROUND UNDERLAIN BY CARNOTITE BEARING ROCK, PROJECTED TO INFERRED OUTER EDGES OF MINERALIZED LAYERS, SOME OF WHICH OVERLAP AND ARE NOT CONNECTED BETWEEN ADJACENT DRILL HOLES
- GROUND DRILLED BY PRIVATE ENTERPRISE; INDIVIDUAL DRILL HOLES NOT SHOWN
- MINE WORKINGS, UNDERGROUND
- MINE WORKINGS, OPEN CUT
- MINE DUMP
- PROSPECT PIT
- LAND SECTION QUARTER CORNER FOUND IN FIELD AND LOCATED BY PLANE-TABLE SURVEY METHODS

DIAMOND-DRILL HOLES, GEOLOGICAL SURVEY, 1952. CLASSIFICATION BY GRADE (BASED ON CHEMICAL ASSAY OR GAMMA-RAY DATA) AND THICKNESS. DRILL HOLES LOCATED BY PLANE-TABLE SURVEY METHODS. (NUMBERS ON DRILL-HOLE STANDPIPES OR STAKES IN FIELD HAVE PREFIX GV)

- 252 BARREN
- 213 WEAKLY MINERALIZED, (CONTAINS LESS THAN 0.10% U_3O_8 OR 1.0% V_2O_5 BUT 0.020% OR MORE U_3O_8 OR 0.10% OR MORE V_2O_5 BY CHEMICAL ASSAY OR REGISTERS GAMMA-RAY VALUES WITHIN THE RANGE FROM 0.020% TO 0.099% EU_3O_8 , OR LESS THAN 1 FOOT THICK IF HIGHER GRADE)
- 193 ORE-BEARING (CONTAINS 0.10% OR MORE U_3O_8 OR 1.0% OR MORE V_2O_5 BY CHEMICAL ASSAY OR REGISTERS GAMMA-RAY VALUES OF 0.10% OR MORE EU_3O_8 AND 1 FOOT OR MORE THICK)

200 0 600 FEET
 CONTOUR INTERVAL 10 FEET
 DATUM IS MEAN SEA LEVEL

This map is preliminary and has not been edited or reviewed for conformity with U. S. Geological Survey standards and nomenclature.

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SECTION 10 SECTION 11
 T.45 N., R.19 W. N.M.P.M.

Figure 7.-- MAP SHOWING LOCATION OF HOLES DRILLED BY GEOLOGICAL SURVEY IN THE AMERICAN EAGLE GROUP, GYPSUM VALLEY DISTRICT, SAN MIGUEL COUNTY, COLORADO