

EXPLANATION

- Jms SALT WASH MEMBER, JURASSIC MORRISON FORMATION
- ANTICLINAL AXIS, DASHED WHERE INFERRED
- STRIKE AND DIP OF BEDS
- GROUND UNDERLAIN BY CARNOTITE-BEARING ROCK FOUND BY GEOLOGICAL SURVEY DRILLING. PROJECTED TO INFERRED OUTER EDGES OF MINERALIZED LAYERS. SOME OF WHICH OVERLAP AND ARE NOT CONNECTED BETWEEN ADJACENT DRILL HOLES (INCLUDES RESERVE BLOCK WHERE SHOWN)
- AREA WAGON-DRILLED BY CLAIM OWNERS OR DIAMOND-DRILLED BY U.S. BUREAU OF MINES. INDIVIDUAL DRILL HOLES NOT SHOWN
- MINE WORKINGS, UNDERGROUND
- MINE WORKINGS, OPEN CUT
- MINE DUMP
- PROSPECT PIT
- CONCEALED FAULT, LOCATED APPROXIMATELY, SHOWING RELATIVE MOVEMENT

DIAMOND-DRILL HOLES, GEOLOGICAL SURVEY, 1952-53  
CLASSIFICATION BY GRADE (BASED ON CHEMICAL ASSAY OR GAMMA-RAY DATA) AND THICKNESS. MOST DRILL HOLES LOCATED BY PLANE-TABLE SURVEY METHODS. (NUMBERS ON DRILL-HOLE STANDPIPES OR STAKES IN FIELD HAVE PREFIX GV)

- BARREN
- WEAKLY MINERALIZED (CONTAINS LESS THAN 0.10%  $U_3O_8$  OR 1.0%  $V_2O_5$  BUT 0.02% 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 0.088%  $U_3O_8$ , OR LESS THAN 1 FOOT THICK IF HIGHER GRADE)
- 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  $U_3O_8$ , AND 1 FOOT OR MORE THICK)

GEOLOGY BY W. L. EMERICK

SURVEYING BY C. N. BROWN

200 0 600 FEET

CONTOUR INTERVAL 10 FEET  
DATUM IS MEAN SEA LEVEL



Section 33, T. 45 N., R. 18 W.  
N. M. P. M.

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

Figure 10.-- MAP SHOWING LOCATION OF HOLES DRILLED BY GEOLOGICAL SURVEY IN THE LOST GROUP AREA, GYPSUM VALLEY DISTRICT, SAN MIGUEL COUNTY, COLORADO