



EXPLANATION

- Qal QUATERNARY ALLUVIUM
- Jms SALT WASH MEMBER OF THE JURASSIC MORRISON FORMATION
- IPhp PARADOX MEMBER OF THE PENNSYLVANIAN HERMOSEA FORMATION
- FORMATION CONTACT, DASHED WHERE APPROXIMATELY LOCATED
- U
D --- FAULT SHOWING RELATIVE MOVEMENT, DASHED WHERE INFERRED
- ANTICLINAL AXIS, SHOWING DIRECTION OF PLUNGE
- STRIKE AND DIP OF BEDS
- BOUNDARY BETWEEN FAVORABLE, SEMIFAVORABLE, AND UNEXPLORED GROUND
- GROUND UNDERLAIN BY URANIUM-BEARING ROCK, PROJECTED TO THE INFERRED OUTER EDGES OF MINERALIZED LAYERS, SOME OF WHICH OVERLAP AND ARE NOT CONNECTED BETWEEN ADJACENT DRILL HOLES. (INCLUDES RESERVE BLOCK WHERE SHOWN)
- MINE WORKINGS, UNDERGROUND, SHOWING DUMP
- MINE WORKINGS, OPEN CUT
- X PROSPECT PIT

DIAMOND-DRILL HOLES, GEOLOGICAL SURVEY, 1953, SHOWING HORIZONTAL PROJECTION OF INCLINED HOLES, WHERE PRESENT. CLASSIFICATION BY GRADE (BASED ON GAMMA-RAY DATA OF DOUBTFUL RELIABILITY AND CHEMICAL ASSAY DATA) AND THICKNESS. DRILL-HOLES LOCATED BY PLANE-TABLE SURVEY METHODS. (NUMBERS ON DRILL-HOLE STANDPIPES OR STAKES IN FIELD HAVE PREFIX GV)

- 367 BARREN
- 353 WEAKLY MINERALIZED (CONTAINS LESS THAN 0.10% U₃O₈ AND 1.0% V₂O₅ BUT 0.020% OR MORE U₃O₈ OR 0.10% OR MORE V₂O₅ BY CHEMICAL ASSAY OR REGISTERS GAMMA-RAY VALUES WITHIN THE RANGE FROM 0.020% TO 0.099% @U₃O₈, OR LESS THAN 1 FOOT THICK IF HIGHER GRADE)
- 364 ORE-BEARING (CONTAINS 0.10% OR MORE U₃O₈ OR 1.0% OR MORE V₂O₅ BY CHEMICAL ASSAY OR REGISTERS GAMMA-RAY VALUES OF 0.10% OR MORE @U₃O₈ AND 1 FOOT OR MORE THICK)

DIAMOND-DRILL HOLES, U. S. BUREAU OF MINES, 1943. CLASSIFICATION BY GRADE AND THICKNESS BASED UPON CHEMICAL ASSAY DATA. DRILL HOLES LOCATED BY PLANE-TABLE SURVEY METHODS. (NUMBERS ON DRILL-HOLE STAKES IN FIELD HAVE PREFIX BM)

- 745 BARREN
- 744 WEAKLY MINERALIZED (CONTAINS LESS THAN 0.10% U₃O₈ AND 1.0% V₂O₅ BUT MORE THAN 0.02% U₃O₈ OR 0.10% V₂O₅, OR LESS THAN 1 FOOT IF HIGHER GRADE)

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

Figure 18.-- MAP SHOWING LOCATION OF HOLES DRILLED BY GEOLOGICAL SURVEY IN THE PITCHFORK GROUP OF CLAIMS, GYPSUM VALLEY DISTRICT, SAN MIGUEL COUNTY, COLORADO