

EXPLANATION

AREA OF GROUND UNDERLAIN BY THE SALT WASH MEMBER OF THE MORRISON FORMATION CONSIDERED FAVORABLE FOR ORE DEPOSITS OF MORE THAN 200 SHORT TONS EACH, FAVORABLENESS OF THE SANDSTONES DETERMINED BY DRILL-HOLE DATA AND/OR EXAMINATION OF OUTCROPS, AREAS CONSIDERED FAVORABLE BY GEOLOGIC INFERENCE ONLY INDICATED BY (†).

AREA OF GROUND UNDERLAIN BY THE SALT WASH MEMBER OF THE MORRISON FORMATION CONSIDERED SEMIFAVORABLE TO UNFAVORABLE FOR ORE DEPOSITS OF MORE THAN 200 SHORT TONS EACH, FAVORABLENESS DETERMINED BY DRILLING DATA AND/OR EXAMINATION OF OUTCROPS

HIRE WORKINGS FROM WHICH PRODUCTION HAS BEEN 2,000 SHORT TONS OR MORE OF URANIUM AND VANADIUM-BEARING MATERIAL

HIRE WORKINGS FROM WHICH PRODUCTION HAS BEEN MORE THAN 200 SHORT TONS BUT LESS THAN 2,000 SHORT TONS OF URANIUM AND VANADIUM-BEARING MATERIAL

HIRE WORKINGS FROM WHICH PRODUCTION HAS BEEN LESS THAN 200 TONS OF URANIUM AND VANADIUM-BEARING MATERIAL

LAND SECTION NUMBER

AREA OF DEVELOPMENT DRILLING GEOLOGICAL SURVEY, JUNE 1952-JULY 1953, SHOWING NAME OF AREA AND TRACE ELEMENTS MEMORANDUM REPORT NUMBER

DIAMOND-DRILL HOLES GEOLOGICAL SURVEY, EXPLORATION DRILLING, AUGUST 1953-MARCH, 1954, CLASSIFICATION BY GRADE (BASED ON CHEMICAL ASSAY OR GAMMA-RAY DATA OF DOUBTFUL RELIABILITY) AND THICKNESS, DRILL HOLES LOCATED BY PLANE-TABLE SURVEY METHODS (SYMBOLS OR STRIKES IN FIELD BEAR THE PREFIX GV AND NUMBER, EXCEPT FOR MOST OF HOLES DRILLED JUNE 1952 TO JULY 1953)

BARBER

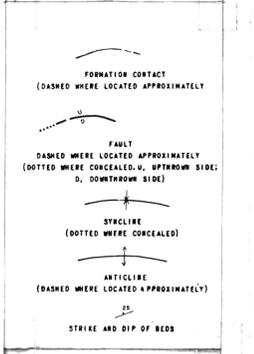
NEARLY MINERALIZED (CONTAINS LESS THAN 0.10% U₃O₈ AND 1.0% V₂O₅ BUT 0.020% OR MORE U₃O₈ OR 0.10% OR MORE V₂O₅ BY CHEMICAL ASSAY OR REGISTERS GAMMA-RAY VALUES WITHIN THE RANGE FROM 0.020% TO 0.099% U₃O₈ OR LESS THAN 1 FOOT THICK IF HIGHER GRADE)

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)

SYMBOLS: QH, ALLUVIUM, OR GRAVEL; QLA, LANDSLIDE DEPOSITS; Kmv, MESAVERT FORMATION; Km, MANCOS SHALES; Kd, DAKOTA SANDSTONE; Kbc, BURRO CANYON FORMATION; Jm, BROTHER BASIN MEMBER, AND Jm1, SALT WASH MEMBER OF MORRISON FORMATION; Jc, SUMMERSVILLE FORMATION; Jsc, ENTOR SANDSTONE AND GARNET FORMATION; Jn, NAVAJO SANDSTONE; Jk, KAYENTA FORMATION; Jw, WINGATE SANDSTONE; Tc, CHALKLE FORMATION; Pmc, CUTLER AND RIO FORMATIONS; AND Pm1, LIMESTONE MEMBER, AND Pm2, PARADOX MEMBER OF HERRNSA FORMATION

MATCH LINE

MATCH LINE



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

1000 0 3000 FEET
Contour interval 500 feet
Datum is mean sea level

Figure 2.--MAP SHOWING LOCATION OF HOLES DRILLED BY GEOLOGICAL SURVEY IN WESTERN PART OF GYPSUM VALLEY DISTRICT, MONTRÖSE AND SAN MIGUEL COUNTIES, COLORADO