



**CLAIM INDEX**

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**EXPLANATION**

- FAULT DASHED WHERE CONCEALED, SHOWING RELATIVE MOVEMENT
- APPROXIMATE TOP OF ORE-BEARING SANDSTONE
- APPROXIMATE BASE OF ORE-BEARING SANDSTONE
- BOUNDARY OF FAVORABLE, SEMIFAVORABLE, OR UNFAVORABLE GROUND UNDERLAIN BY ORE-BEARING SANDSTONE
- GROUND UNDERLAIN BY URANIUM-BEARING ROCK PROJECTED TO INFERRED OUTER EDGES OF MINERALIZED LAYERS, SOME OF WHICH OVERLAP AND ARE NOT CONNECTED BETWEEN ADJACENT DRILL HOLES
- AREAS EXTENSIVELY DRILLED BY PRIVATE COMPANIES
- MINE
- BOUNDARY BETWEEN DRILLING AREAS
- OUTLINE OF AREAS SHOWN ON FIGURES 3 AND 4
- CLAIM BOUNDARY AND INDEX NUMBER, BOUNDARIES LOCATED APPROXIMATELY
- LAND SECTION CORNER FOUND IN FIELD AND LOCATED BY PLANE-TABLE SURVEY METHODS; OTHER LAND CORNERS LOCATED APPROXIMATELY
- LAND SECTION NUMBER

DIAMOND-DRILL HOLES, GEOLOGICAL SURVEY, 1951-52  
CLASSIFICATION BY GRADE (BASED ON CHEMICAL ASSAY OR GAMMA-RAY DATA) AND THICKNESS. DRILL HOLES LOCATED BY PACE AND COMPASS OR PLANE-TABLE SURVEY METHODS. (NUMBERS ON DRILL HOLE STANDPIPES IN FIELD HAVE PREFIX DB)

- 070 BARREN
- 075 WEAKLY MINERALIZED (CONTAINS LESS THAN 0.10% U<sub>3</sub>O<sub>8</sub> OR 1.0% V<sub>2</sub>O<sub>5</sub> BUT 0.020% OR MORE U<sub>3</sub>O<sub>8</sub> OR 0.10% OR MORE V<sub>2</sub>O<sub>5</sub> BY CHEMICAL ASSAY OR REGISTERS GAMMA-RAY VALUES WITHIN THE RANGE FROM 0.020% TO 0.099% K<sub>2</sub>O<sub>8</sub> OR LESS THAN 1 FOOT THICK IF HIGHER GRADE)
- 085 ORE-BEARING (CONTAINS 0.10% OR MORE U<sub>3</sub>O<sub>8</sub> OR 1.0% OR MORE V<sub>2</sub>O<sub>5</sub> BY CHEMICAL ASSAY OR REGISTERS GAMMA-RAY VALUES OF 0.10% OR MORE K<sub>2</sub>O<sub>8</sub> AND 1 FOOT OR MORE THICK)

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Figure 2. MAP OF THE DOLORES BENCH, MONTROSE COUNTY, COLORADO

1000 0 3000 FEET  
Contour interval 100 feet  
Datum is mean sea level

GEOLOGY BY D. A. JOBIN  
SURVEYING BY C. N. BROWN