

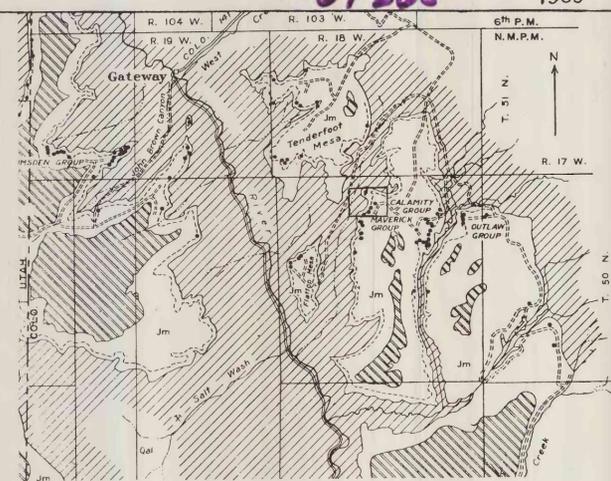
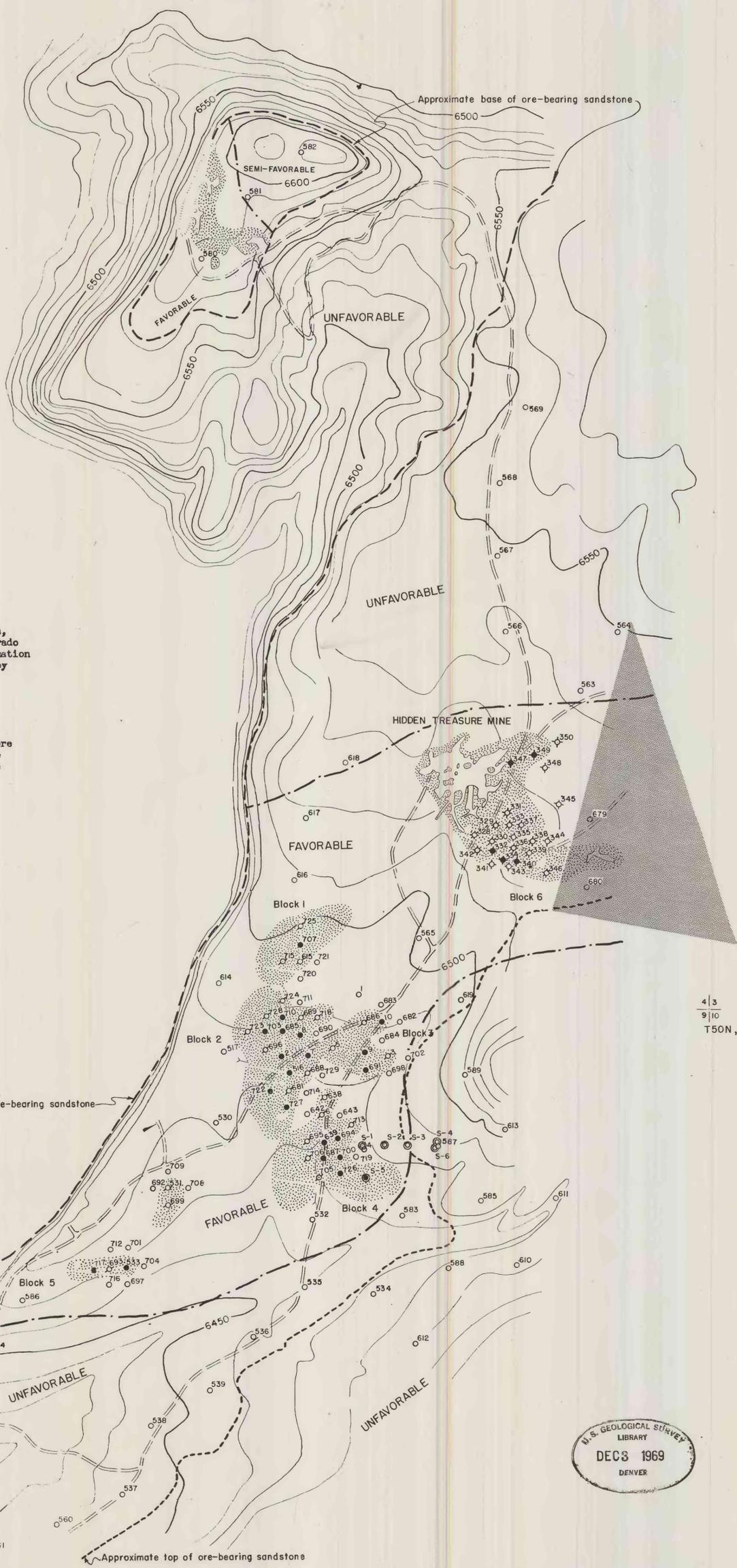


200 0 600 Feet  
Contour interval 20 feet  
Datum is mean sea level

Part of the ground on the Hidden Treasure, Matchless, Triumph, and Mammoth claims was drilled by the Radium Company of Colorado in 1921-22. Complete assay data are lacking, but this information was used in part to determine the edges of ground underlain by carnotite-bearing rock.

The map does not show many of the small prospect cuts that were made before 1948 nor does it show the mine workings that were developed as a result of Geological Survey exploration on the Small Spot and Matchless claims.

Diamond-drill holes are located by plane-table or tape and compass methods.



EXPLANATION

- Alluvium, boundary shown only where it is in contact with the Morrison Formation
- Post-Morrison formations
- Morrison Formation, base of principal ore-bearing sandstone shown by dashed line in the areas of detailed mapping
- Pre-Morrison formations

INDEX MAP SHOWING LOCATION OF FIGURE 4  
2 0 2 4 6 Miles

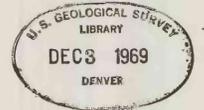
EXPLANATION

- Mine working, open cut (approximate outline)
- Mine working, underground (approximate outline)
- Mine adit
- Mine dump
- Ground underlain by carnotite-bearing rock (includes reserve blocks where block numbers are shown)
- Privately controlled land (all other land within limits explored by drilling is controlled by U.S. Atomic Energy Commission)
- Section corner
- Diamond-drill holes, Geological Survey (numbers on caps of standpipes left in holes all have prefix CA)
  - Barren
  - Weakly mineralized (less than 0.10% U<sub>3</sub>O<sub>8</sub> and 1.0% V<sub>2</sub>O<sub>5</sub> or less than 1 foot thick regardless of grade)
  - Ore-bearing (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> and 1 foot or more thick)
- Diamond-drill holes, Bureau of Mines
  - Barren
  - Weakly mineralized (less than 0.10% U<sub>3</sub>O<sub>8</sub> and 1.0% V<sub>2</sub>O<sub>5</sub> or less than 1 foot thick regardless of grade)
  - Ore-bearing (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> and 1 foot or more thick)
- Diamond-drill holes, Atomic Energy Commission (numbers on caps of standpipes left in holes all have the prefix CM)
  - Barren
  - Ore-bearing (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> and 1 foot or more thick)

4/3 9/10  
T50N, R18W, N.M.P.M.

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

FIGURE 4.--MAP SHOWING LOCATION OF HOLES DRILLED BY U.S. GEOLOGICAL SURVEY IN THE MAVERICK GROUP AREA, GATEWAY DISTRICT, MESA COUNTY, COLORADO



Geology by H. K. Stager  
Engineering by J. I. Schumacher