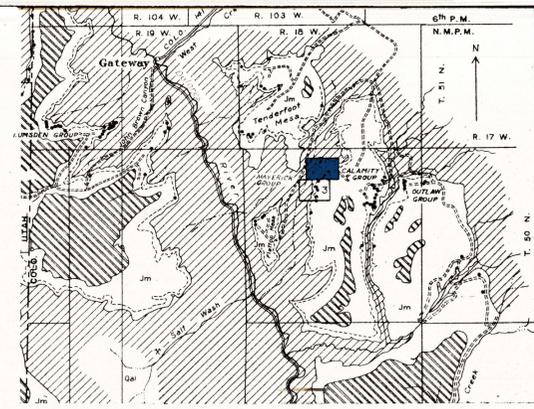
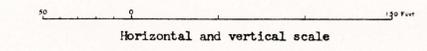
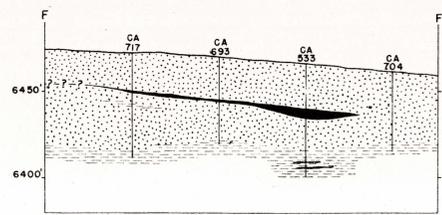
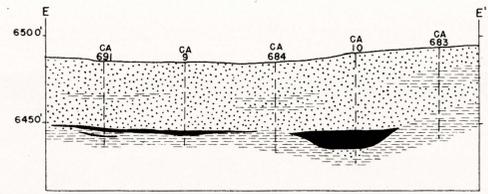
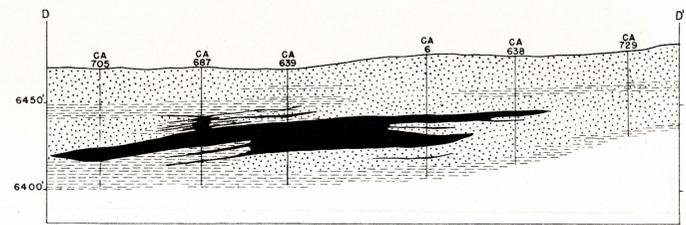
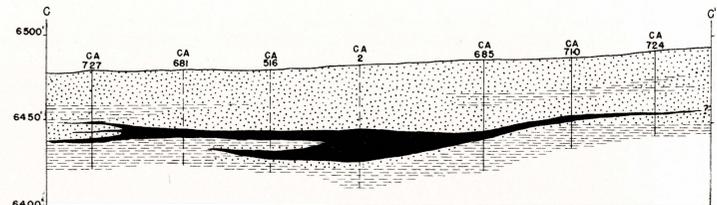
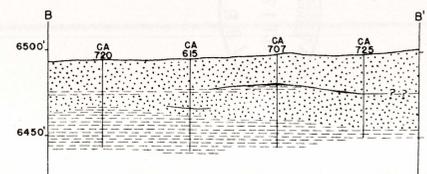
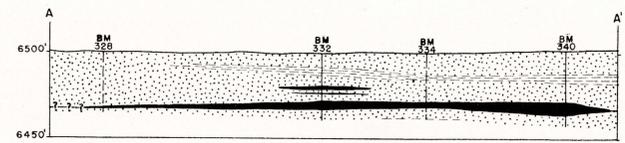


Part of the ground on the Hidden Treasure, Matchless, Triumph, and Mammoth claims was drilled by the Radium Company of Colorado in 1921-22. Complete assay data are lacking, but this information was used in part to determine the edges of ground underlain by carnotite-bearing rock.

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.

The Small Spot, Belmont No. 1, and Radium No. 7 claims, which are privately owned, are only approximately located, and shown by dashed lines.

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 2

0 2 4 6 Miles

EXPLANATION

Map

- Mine workings, open cut (approximate outline)
- ▭ Mine workings, underground (approximate outline)
- Mine adit
- Mine dump
- Ground underlain by carnotite-bearing rock (includes reserve blocks where block numbers are shown)
- Axis of roll or well-defined elongate body
- Claim stake or monument
- 4/3 9/10 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)

Geologic sections

- ▨ Mixed mudstone and fine-grained sandstone
- ▧ Ore-bearing sandstone
- ▩ Carnotite-bearing rock; inferred connections are shown by question mark
- Diamond-drill hole, Geological Survey; dashed where projected into section
- Diamond-drill hole, Bureau of Mines; dashed where projected into section

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

Trace Elements  
Investigations Rept. 117

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
COLORADO PLATEAU PROJECT

Exploration report 6  
CARNOTITE RESOURCES OF THE  
MAVERICK GROUP AREA,  
MESA COUNTY, COLORADO  
May 1950

Figure 2.—Map and  
geologic sections of  
the northern part of  
the Maverick group  
area.