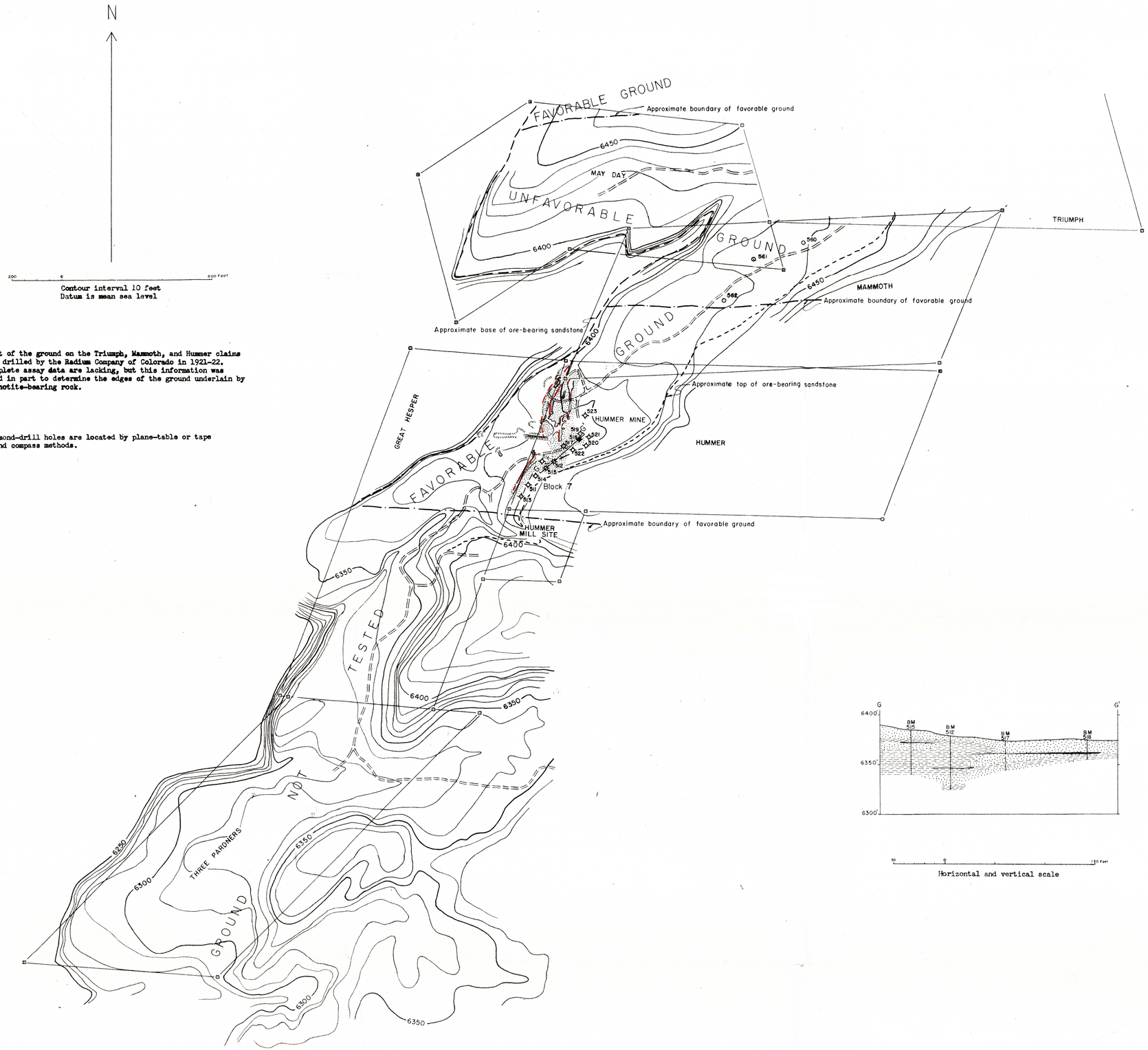

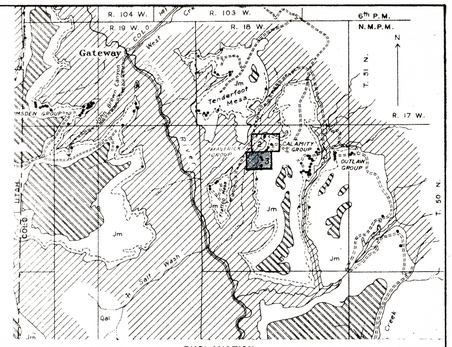

EXPLANATION

- Gal — Alluvium; boundary shown only where it is in contact with the Morrison formation
- Post-Morrison formations
- Jm — 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 3

2 0 2 4 6 Miles

Part of the ground on the Triumph, Mammoth, and Hummer 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 the ground underlain by carnotite-bearing rock.

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

Horizontal and vertical scale

EXPLANATION

Map

- Mine workings, open cut (approximate outline)
- Mine workings, underground (approximate outline)
- Mine dump
- Ground underlain by carnotite-bearing rock (includes reserve blocks where block number is shown)
- Axis of roll or well-defined elongate ore body
- Claim stake or monument
- Diamond-drill holes, Geological Survey (numbers on caps of standpipes left in holes all have prefix CA)
- 561 — Barren
- Diamond-drill holes, Bureau of Mines
- 523 — Barren
- 517 — Weakly mineralized (less than 0.10% U_3O_8 and 1.0% V_2O_5 or less than 1 foot thick regardless of grade)
- 518 — Ore-bearing (0.10% or more U_3O_8, 1.0% or more V_2O_5 and 1 foot or more thick)

Geologic sections

- Mixed mudstone and fine-grained sandstone
- Ore-bearing sandstone
- Carnotite-bearing rock
- BM 515 — Diamond-drill hole, Bureau of Mines, dashed where projected into section

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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 3.—Map and geologic sections of the southern part of the Maverick group area.