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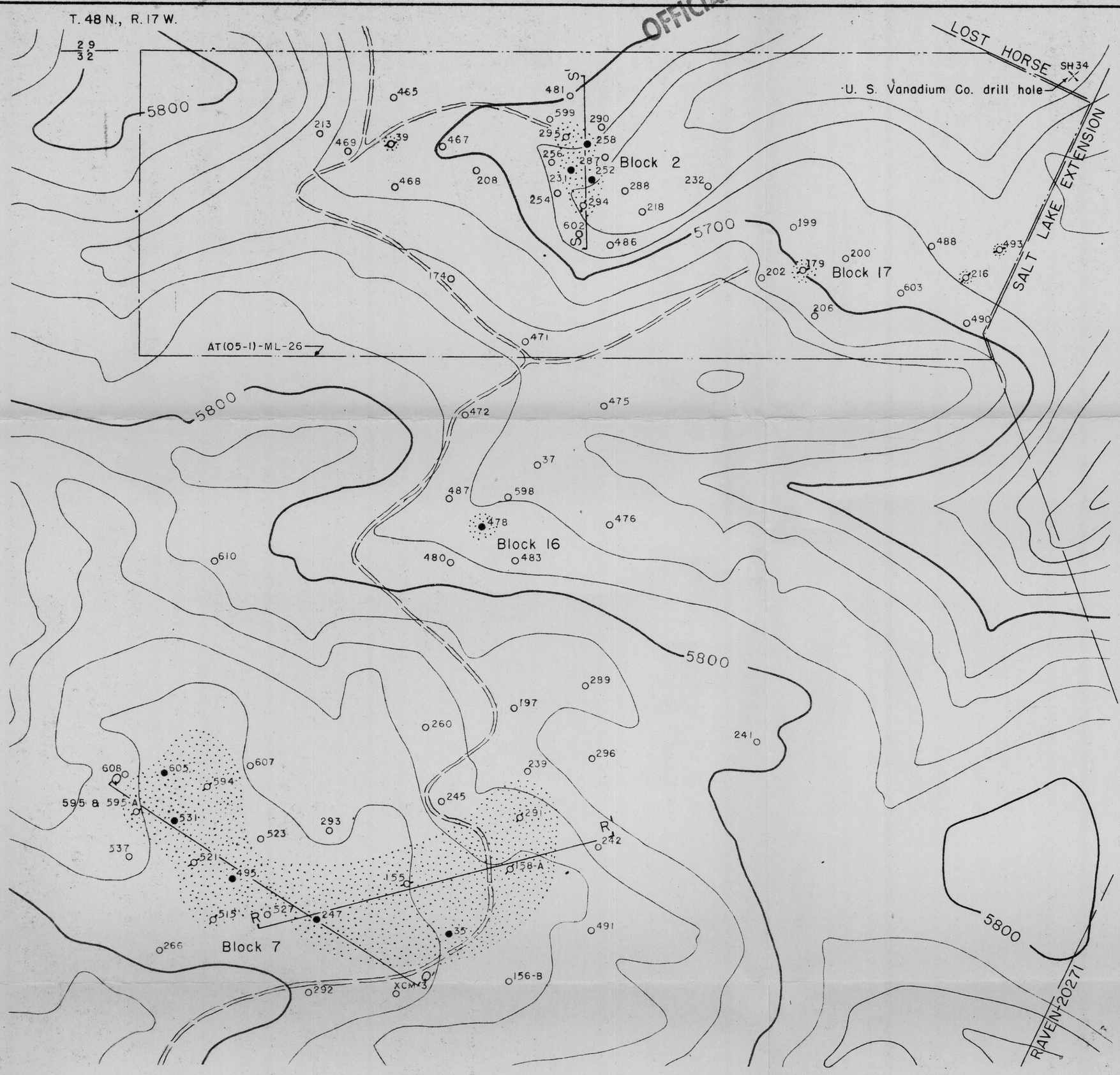


EXPLANATION
(map)

Ground underlain by carnotite-bearing rock, projected to inferred outer edges of mineralized layers, some of which overlap and are not connected between adjacent holes; includes reserve blocks where shown

Dirt road, unimproved

Claim boundary, plotted from information of doubtful reliability and subject to correction

AT(05-1)-ML-26 — Boundary of Government lease showing lease number

29/32 — Land section monument found in field

Diamond-drill holes, Geological Survey, 1948-52. Classification by grade (based on chemical assay or gamma-ray data) and thickness. Most drill holes located by plane-table or transit and stadia survey methods; holes 538 and 574 located by tape and compass methods. (Numbers on drill-hole standpipes in field have prefix CM or XCM)

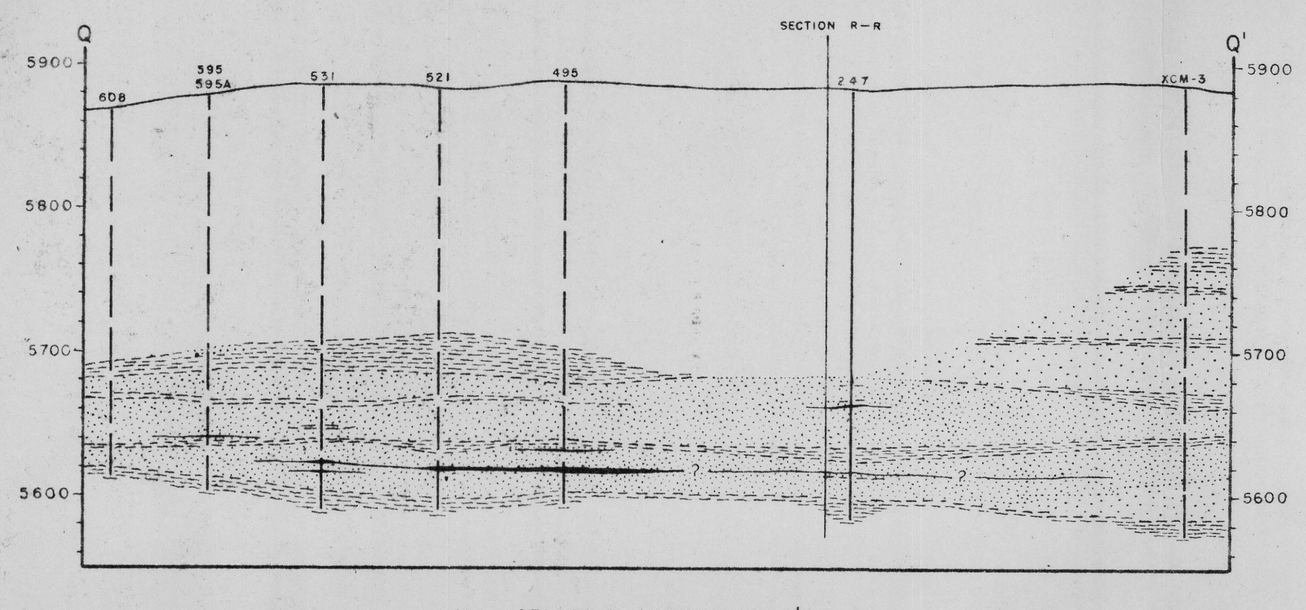
o37 — Barren

o216 — Weakly mineralized (contains less than 0.10% U_3O_8 or 1.0% V_2O_5 but 0.020% or more U_3O_8 or 0.10% or more V_2O_5 by chemical assay or registers gamma-ray values within the range from 0.020% to 0.099% eU_3O_8, or less than 1 foot thick if higher grade

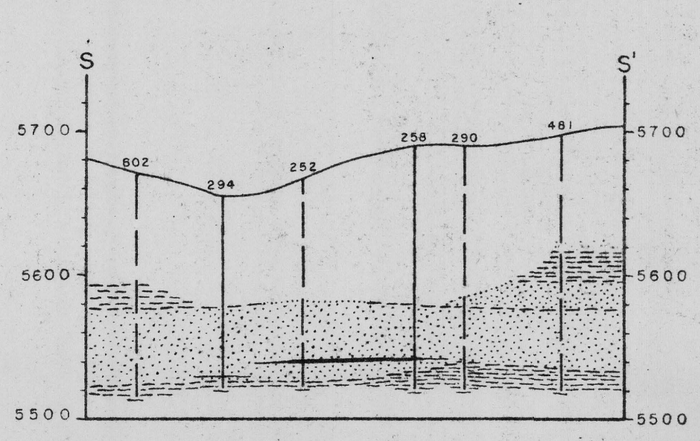
●531 — Ore-bearing (contains 0.10% or more U_3O_8 or 1.0% or more V_2O_5 by chemical assay, or registers gamma-ray values of 0.10% or more eU_3O_8 and 1 foot or more thick

200 0 400 FEET
Contour interval 20 feet
Datum is mean sea level

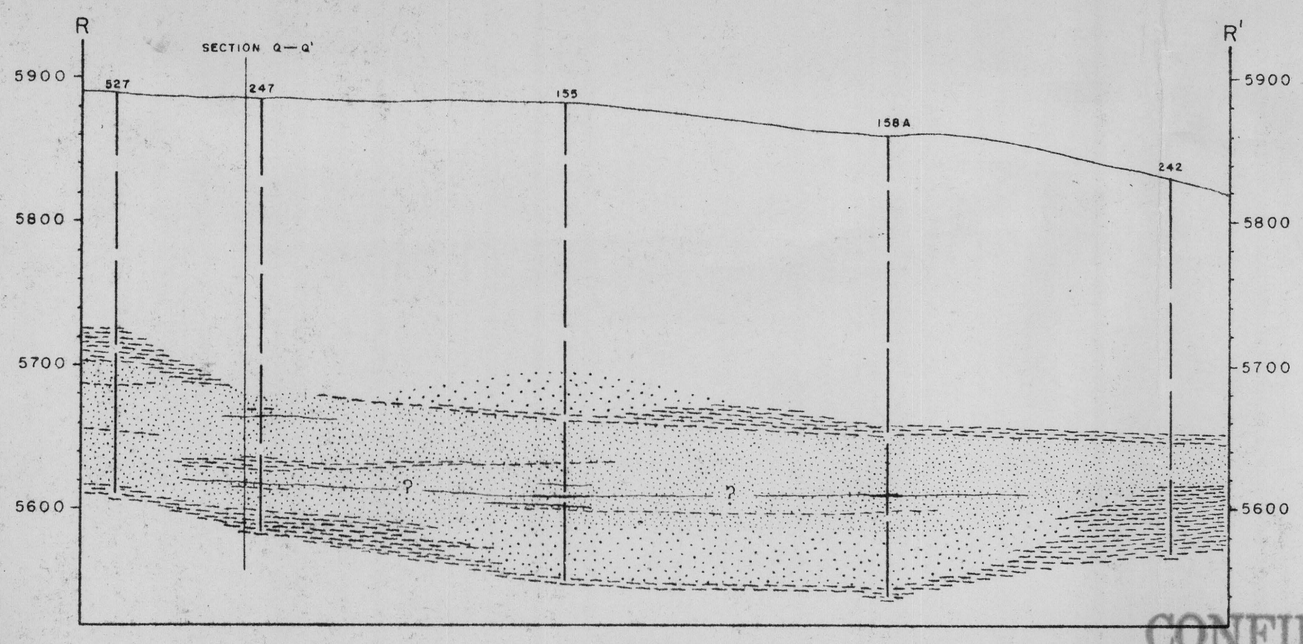
N



GEOLOGIC SECTION Q-Q'



GEOLOGIC SECTION S-S'



GEOLOGIC SECTION R-R'

EXPLANATION
(geologic sections)

Mudstone, predominantly brown, and sandstone or siltstone, predominantly gray or red brown

Ore-bearing sandstones; dense pattern represents main ore-bearing sandstone

Carnotite-bearing rock; inferred projections shown by (?)

Where no rock symbol is shown no core was taken

155 — Diamond-drill hole, Geological Survey, 1948-51; dashed where projected into section. Prefix XCM identifies experimental holes

100 0 200 FEET
Horizontal and vertical scale
Datum is mean sea level

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Figure 6.--DETAIL MAP AND GEOLOGIC SECTIONS OF THE AREA SOUTH OF THE SHAMROCK MINES, CLUB MESA, MONTROSE COUNTY, COLORADO