

SEMI-FAVORABLE
UNEXPLORED
(Accessible to drill rigs only with difficulty;
depth to base of ore-bearing sandstone 250-350 feet)
PUBLIC LAND

UNEXPLORED
(Accessible to drill rigs only with difficulty;
depth to
base of ore-bearing sandstone 100-200 feet)

EXPLANATION

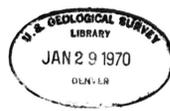
- Approximate base of ore-bearing sandstone
- - - Approximate top of ore-bearing sandstone
- Favorability boundary in areas underlain by ore-bearing sandstone
- Ground underlain by carnotite-bearing rock, projected to the inferred outer edges of mineralized layers, some of which overlap and are not connected between adjacent drill holes; includes reserve blocks where shown.
- ////// Area where carnotite-bearing rock lies within 20 feet of the surface and where drilling by jackhammer or wagon drill is recommended.
- Mine workings, open cut with dump (approximate outline)
- Mine workings, underground (approximate outline)

All holes drilled by U.S. Geological Survey are on land controlled by U.S. Atomic Energy Commission

Diamond-drill holes, U. S. Geological Survey. Classification of holes based on chemical assay and radiometric logs. Numbers on caps of standpipes left in holes all have prefix UG. (Holes located by plane-table survey methods).

- 114 • Barren (contains no significant content of U_3O_8 and V_2O_5 by chemical assay, and registers no gamma-ray value as great as 0.05% eU_3O_8)
- 161 • Weakly mineralized (contains less than 0.10% U_3O_8 and 1.0% V_2O_5 by chemical assay, or registers gamma-ray values within the range from 0.05% to 0.9% eU_3O_8 , or less than 1 foot thick regardless of chemical or gamma-ray values)
- 80 • Ore-bearing (contains 0.1% or more U_3O_8 or 1.0% or more V_2O_5 by chemical assay, or registers gamma-ray values greater than 0.09% eU_3O_8 , and 1 foot or more thick)

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



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

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FIGURE 21.--MAP OF UPPER GROUP AREA, SLICK ROCK DISTRICT, SAN MIGUEL COUNTY, COLORADO