

EXPLANATION

- Approximate top of the Brushy Basin Member of the Jurassic Morrison Formation
- Approximate contact between Brushy Basin (Jmb) and the Salt Wash (Jms) Members of the Jurassic Morrison Formation; also approximate base of No. 1 ore-bearing sandstone, where present
- Approximate base of the No. 4 ore-bearing sandstone
- Approximate base of the Salt Wash Member of the Jurassic Morrison Formation
- Ground underlain by favorable part of No. 1 ore-bearing sandstone, Brushy Basin Member
- Ground underlain by favorable part of No. 2 ore-bearing sandstone, top sandstone in Salt Wash Member
- Ground underlain by favorable part of No. 3 ore-bearing sandstone, second sandstone in Salt Wash Member
- Ground underlain by favorable part of No. 4 ore-bearing sandstone, third sandstone in Salt Wash Member
- Ground underlain by uranium-bearing rock found by U.S. Geological Survey drilling. Projected to inferred outer edges of mineralized layers, some of which overlap and are not connected between adjacent drill holes
- Mine or prospect in mineralized ground
- Coordinate lines, U.S. Geological Survey system
- Land section corner found in field and located by planetable survey methods; other corners located approximately
- 25
Land section number
- Figure 6.
Outline of area shown on Figure 6
- Diamond-drill holes and wagon-drill holes, U.S. Geological Survey, 1951-54. Classification by grade (based on chemical assay or gamma-ray data and thickness). Drill holes located by tape and compass survey methods. Numbers on diamond-drill hole standpipes and stakes in field have prefix YC; numbers on wagon-drill hole standpipes and stakes in field have prefix WYC.
- Barren
- Weakly mineralized
Contains less than 0.10 percent U_3O_8 and 1.0 percent V_2O_5 but 0.020 percent or more U_3O_8 or 0.10 percent or more V_2O_5 by chemical assay, or registers gamma-ray values within the range from 0.020 percent to 0.099 percent eU_3O_8 or less than 1 foot thick if higher grade.
- Ore-bearing
Contains 0.10 percent or more U_3O_8 or 1.0 percent or more V_2O_5 by chemical assay, or registers gamma-ray values of 0.10 percent or more eU_3O_8 and 1 foot or more thick

1000 0 5000 FEET
CONTOUR INTERVAL 50 FEET
DATUM IS ASSUMED



SURVEYING BY C.N. BROWN AND OTHERS, 1948, 1953
GEOLOGY BY W.L. STOKES AND OTHERS, 1943-44, 1951-54.

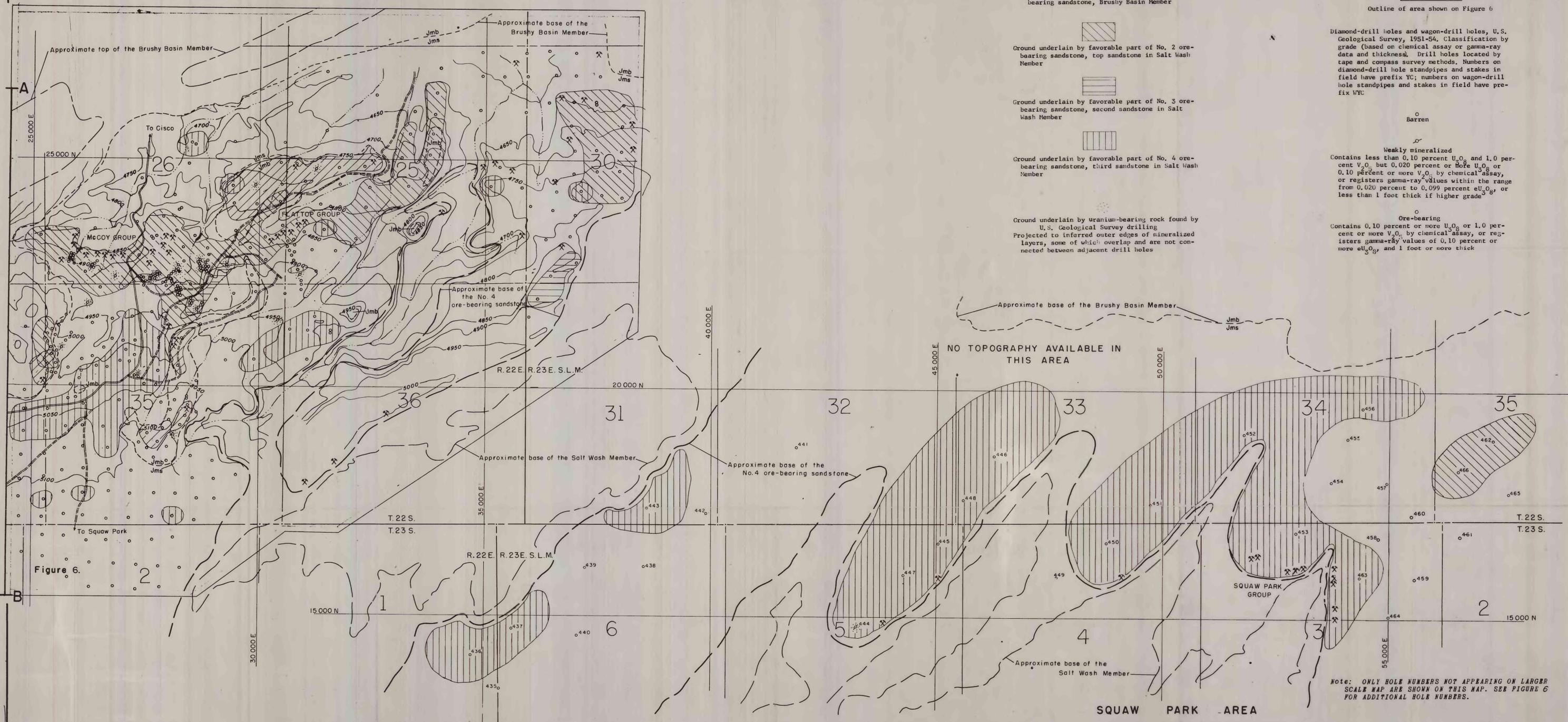


Figure 3.--GEOLOGIC MAP OF THE SQUAW PARK AREA AND EASTERN PART OF THE YELLOW CAT AREA, THOMPSON DISTRICT, GRAND COUNTY, UTAH.