



EXPLANATION

DISCHARGE AREA--Area of artesian flow, May 1976.
Tightly cased wells that tap the Floridan aquifer will
flow at land surface.

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POTENIOMETRIC CONTOUR--Shows altitude at which water
level would have stood in tightly cased wells in the
Floridan aquifer, May 1976 (Laughlin, 1976). Contour
interval 5 feet. Dashed lines are interpolated 1-foot
contours. Datum is mean sea level.

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LINE OF EQUAL CHANGE OF POTENIOMETRIC LEVEL, July
1957 (Brown and others, 1962a) to May 1976 (Laughlin,
1976)--Interval 1 foot.

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24.6

WELL--Number is altitude of water level in well, in
feet above mean sea level.

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Direction of flow of water in Floridan aquifer.

Note: The contours showing change in potentiometric level are based on intersecting contour points of potentiometric maps prepared for July 1957 and May 1976. The potentiometric conditions for July 1957 are considered average (Brown and others, 1962a, p. 73); those for May 1976 are considered lower than average. Some control data are on adjacent quadrangles.

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GRANT QUADRANGLE, FLORIDA
1949, PHOTOREVISED 1970,
7.5-minute series, 1:24000

OVERLAY MAP OF THE GRANT QUADRANGLE, FLORIDA; POTENIOMETRIC SURFACE AND DISCHARGE AREAS, MAY 1976
AND CHANGE IN POTENIOMETRIC LEVEL OF THE FLORIDAN AQUIFER, JULY 1957 TO MAY 1976

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