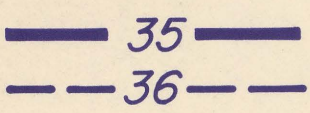


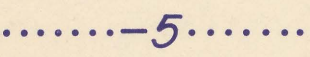
EXPLANATION



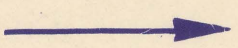
DISCHARGE AREA--Area of artesian flow, May 1976. Tightly cased wells that tap the Floridan aquifer will flow at land surface.



POTENTIOMETRIC 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.



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



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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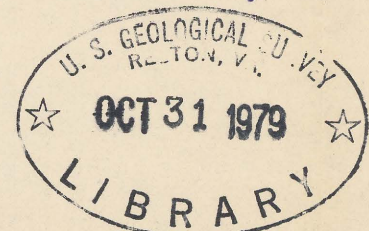
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LAKE POINSETT QUADRANGLE, FLORIDA
1953, PHOTOREVISED 1970,
7.5-minute series, 1:25000

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

By
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and
C. P. Laughlin
1979



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