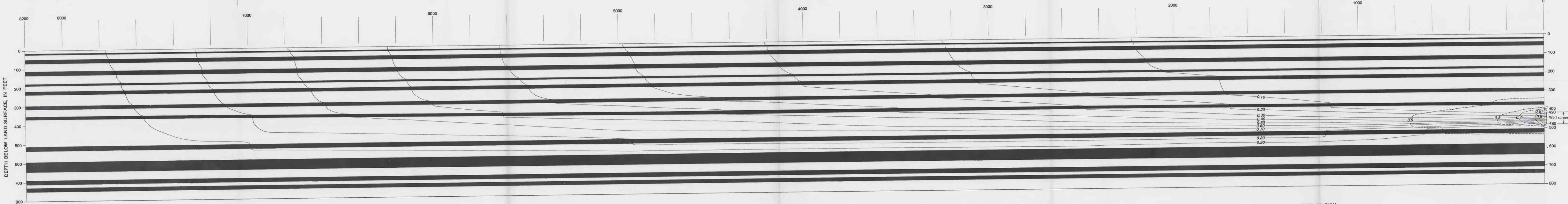


UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Prepared in cooperation with the
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS

RADIAL DISTANCE FROM RECHARGE WELL, IN FEET



FLOW NET BASED ON ELECTRIC-ANALOG SIMULATION OF FLOW TO THE RECHARGE WELL, BAY PARK, LONG ISLAND, NEW YORK

EXPLANATION

█ Clay or other material of low hydraulic conductivity

—0.10— Stream line, decimal fraction represents stream function

---0.9--- Line of equal drawdown or head buildup

Note: Decimal fraction gives value of $\frac{S_w - S}{S_w}$
where S = drawdown or head buildup at any point
 S_w = drawdown or head buildup in recharge well

FLOW NET ILLUSTRATES CHANGES FROM ORIGINAL CONDITION,
DUE TO WELL OPERATION