UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

EXPLANATION

<table>
<thead>
<tr>
<th>Soil</th>
<th>Group</th>
<th>Clay and gravel</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
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Inferred geologic contact

Inferred direction of ground-water flow

Wall projected to line of section

Note: See text for description of hydrologic areas A-D

SECTION A-A' FROM LONG ISLAND SOUND TO GREAT PECONIC BAY (AREA A)

SECTION B-B' FROM LONG ISLAND SOUND TO LITTLE PECONIC BAY (AREA B)

SECTION C-C' FROM LONG ISLAND SOUND TO SHELTER ISLAND SOUND (AREA B)

SECTION D-D' FROM LONG ISLAND SOUND TO GREENPORT HARBOR (AREA C)

SECTION E-E' FROM LONG ISLAND SOUND TO LONG BEACH BAY (AREA D)

SECTION F-F' FROM HERRICKS LANE TO PLUM GUT

GEOHYDROLOGIC SECTIONS IN THE TOWN OF SOUTHOLD, SUFFOLK COUNTY, NEW YORK