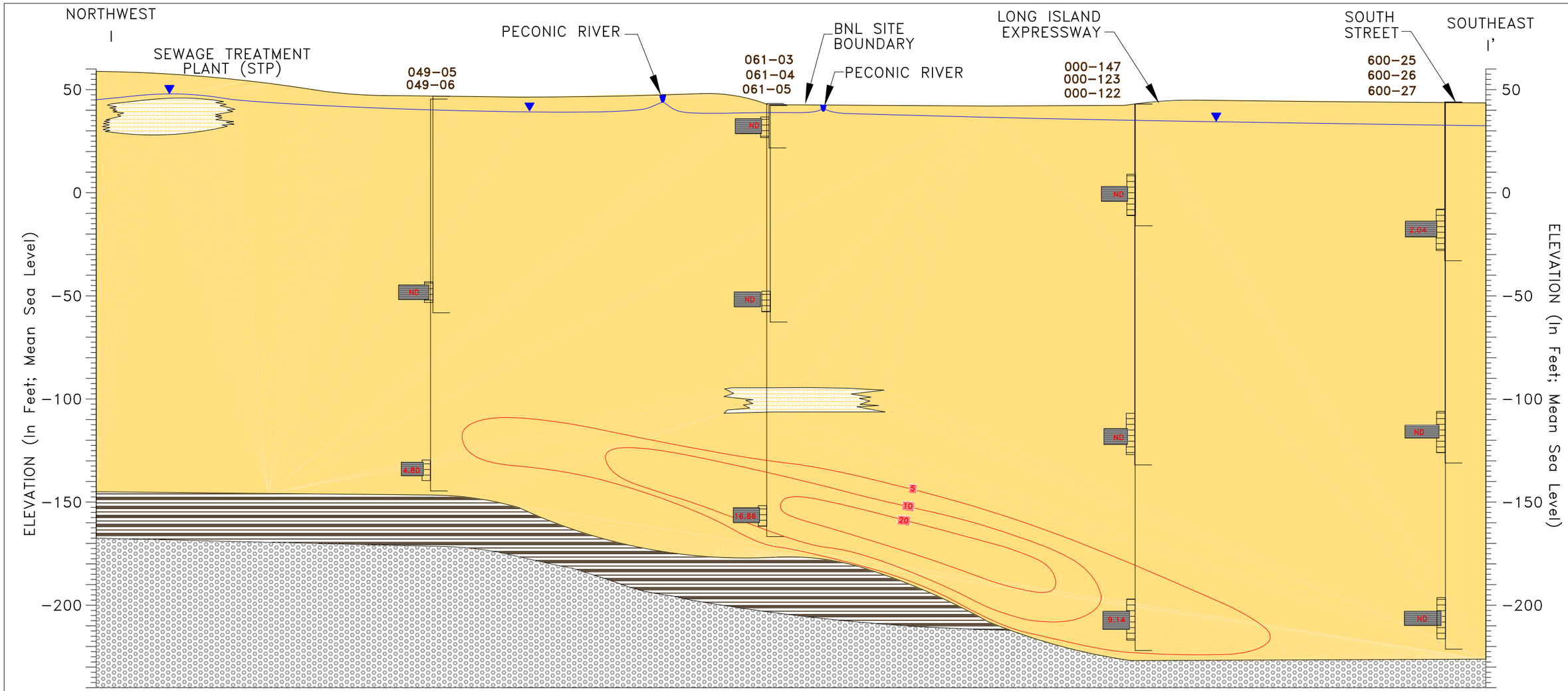

LEGEND

Upper Glacial aquifer

- UG Upper Glacial Sands
- UC Upper Glacial Silts & Clays
- UU Upton Unit

Gardiners Clay

- GL Gardiners Clay
- GS Gardiners Clay – Silt

Magothy aquifer

- MA Magothy Sands and Clay
- MB Magothy Brown Clay
- MC Magothy Clays (undifferentiated)
- MO Magothy – OTHER

000–123 BNL Well ID

ND Indicates not detected at or above laboratory method detection limits

1.30 TVOC Concentration (µG/L)

5 TVOC Contour (µG/L) (Dashed Where Inferred)

Monitoring Well Screen

Water Table As Of September 17–20, 2001

NOTES:

1) GEOLOGIC INFORMATION SHOWN IS BASED ON ADDITIONAL EXPLORATIONS (e.g., HYDROPUNCHES, GEOPROBES, VERTICAL PROFILES, AND/OR TEST WELLS) DOCUMENTED IN PREVIOUS, MORE DETAILED REPORTS.

2) PLUME DISTRIBUTION IS BASED ON SEPTEMBER 2001 OU V SAMPLING EVENT.

3) CONTOUR INTERVAL AS SHOWN.

0 500 1000
FEET

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BROOKHAVEN NATIONAL LABORATORY
ENVIRONMENTAL SERVICES DIVISION

TITLE:

OU V SEWAGE TREATMENT PLANT
TVOC HYDROGEOLOGIC CROSS SECTION (I–I')

2001 BNL GROUNDWATER STATUS REPORT

DWN: KCK	VT:HZ.: 20:1	DATE: 06/13/02	PROJECT NO.: 07176
CHKD: WRD	APPD: WRD	REV.: –	NOTES: –
FIGURE NO.: 3.4–3			