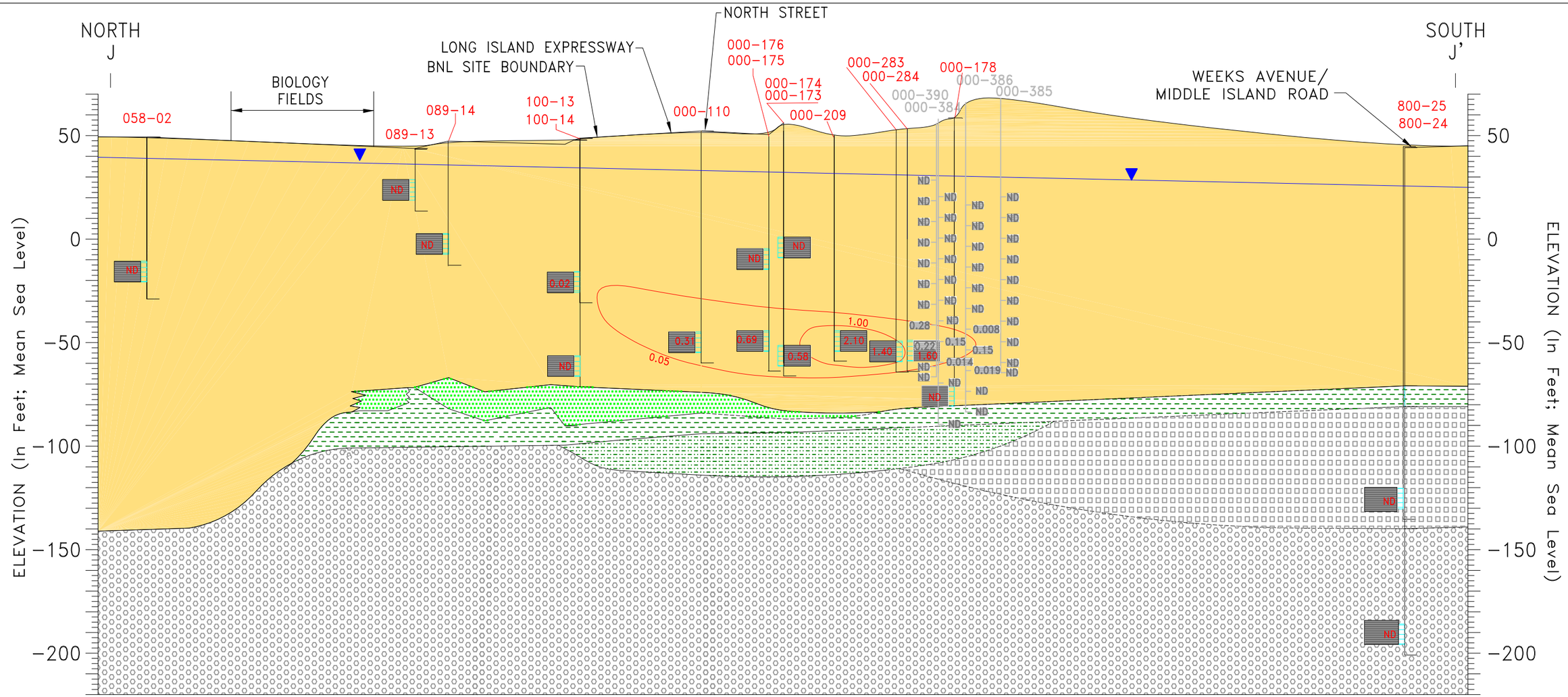

LEGEND

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

800-25 BNL Well ID

ND Indicates not detected at or above laboratory method detection limits

4.00 EDB Concentration (µG/L)

Approximate Vertical Extent Of EDB (>0.05 µG/L) (Dashed Where Inferred)

Monitoring Well Screen

Water Table As Of December 17 – 20, 2001

000-385 0.97 1.05 Vertical profile location and EDB detection (µG/L)

0 650 1300
FEET

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) EDB EXTENT IS BASED ON DECEMBER 2001 OU VI SAMPLING EVENT AND PRE-DESIGN CHARACTERIZATION DATA.

3) 2001 VERTICAL PROFILE DATA IS SCREENING LEVEL QUALITY DATA. VERTICAL PROFILE DATA IS BEING USED AS GUIDANCE IN CONTOURING EDB PLUME.

\\OERNT\GIS\GW_PROJECTS\CY_2001_GW_REPORT\FNAL_DRAFT_FIGURES\Fig 3_5_03.DWG

BROOKHAVEN NATIONAL LABORATORY
ENVIRONMENTAL SERVICES DIVISION

TITLE:

OU VI EDB HYDROGEOLOGIC CROSS SECTION (J–J')

2001 BNL GROUNDWATER STATUS REPORT

DWN: KCK	VT:HZ.: 25:1	DATE: 06/13/02	PROJECT NO.: 07176
CHKD: WRD	APPD: WRD	REV.: –	NOTES: –
FIGURE NO.: 3.5–3			