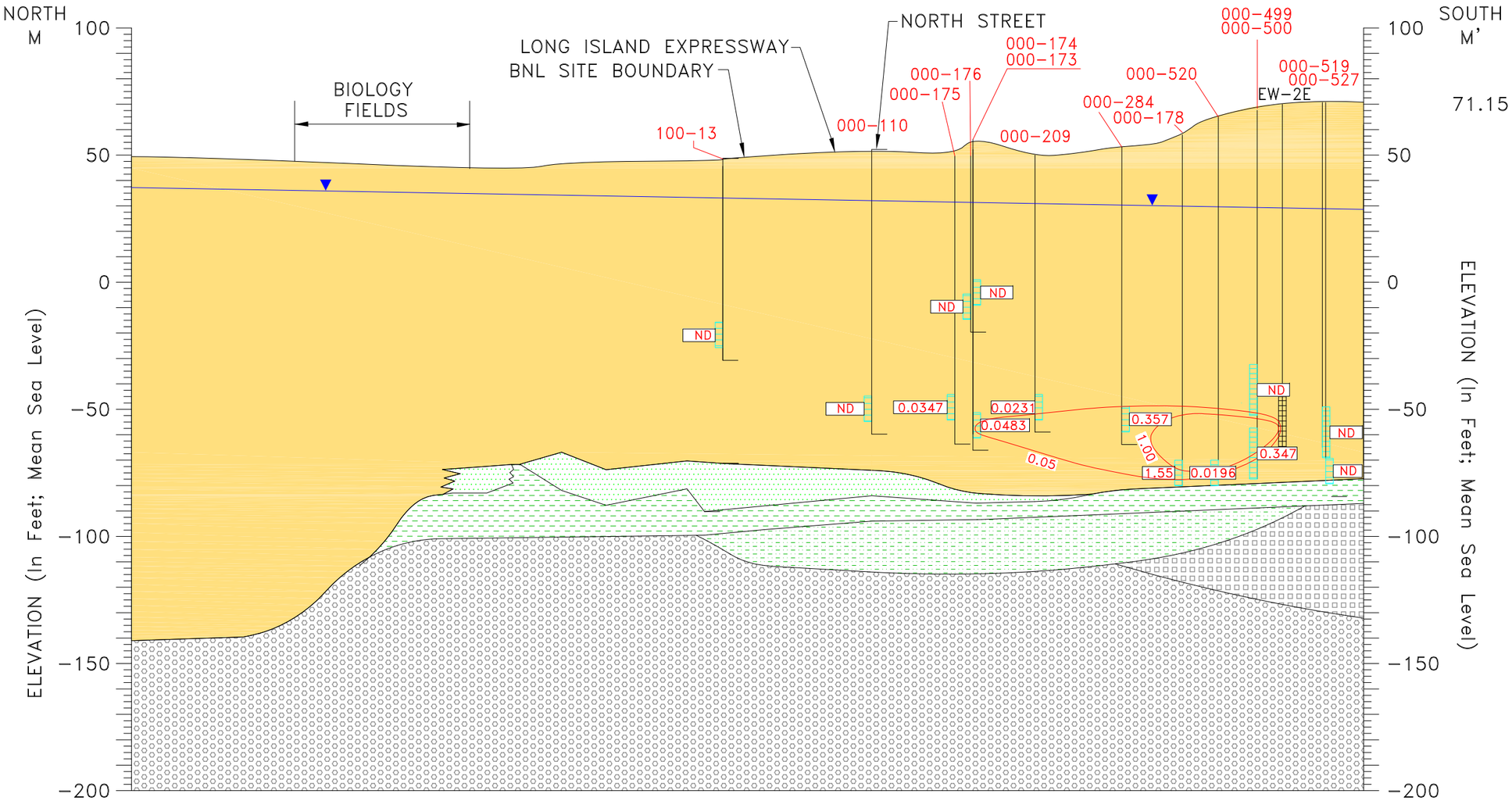

LEGEND

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

000–110 BNL Well ID

ND Indicates not detected at or above laboratory method detection limits

NS Indicates not sampled

.061 Ethylene dibromide (EDB) Concentration (µg/L)

0.05 EDB Contour (µg/L) (Dashed Where Inferred)

µg/L – Micrograms Per Liter

Water Table As Of December 3–6, 2013

Monitoring Well Screen

Extraction Well Screen

HORIZONTAL SCALE

0 750 1500 FEET

Monitoring Well IDs are stacked in order of the depth of the well from shallow to deep

000–499
000–500

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 FOURTH QUARTER 2013 OU VI SAMPLING EVENTS. WELLS 000–175 THROUGH 000–209 SAMPLED JANUARY 9, 2014 DUE TO DOWNED TREE.

3) RESULTS BASED ON EPA METHOD 504.

\\OERNT\GIS\GW_PROJECTS\CY_2012_GW_REPORT\FINAL_FIGURES\FIG_3.05-02 061214.DWG

BROOKHAVEN NATIONAL LABORATORY

ENVIRONMENTAL PROTECTION DIVISION

TITLE:

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

2013 BNL GROUNDWATER STATUS REPORT

DWN:	VT:HZ.:	DATE:	PROJECT NO.:
AJZ	25:1	06/12/14	–
CHKD:	APPD:	REV.:	NOTES:
JEB	WRD	–	–
FIGURE NO.:			
3.5–2			