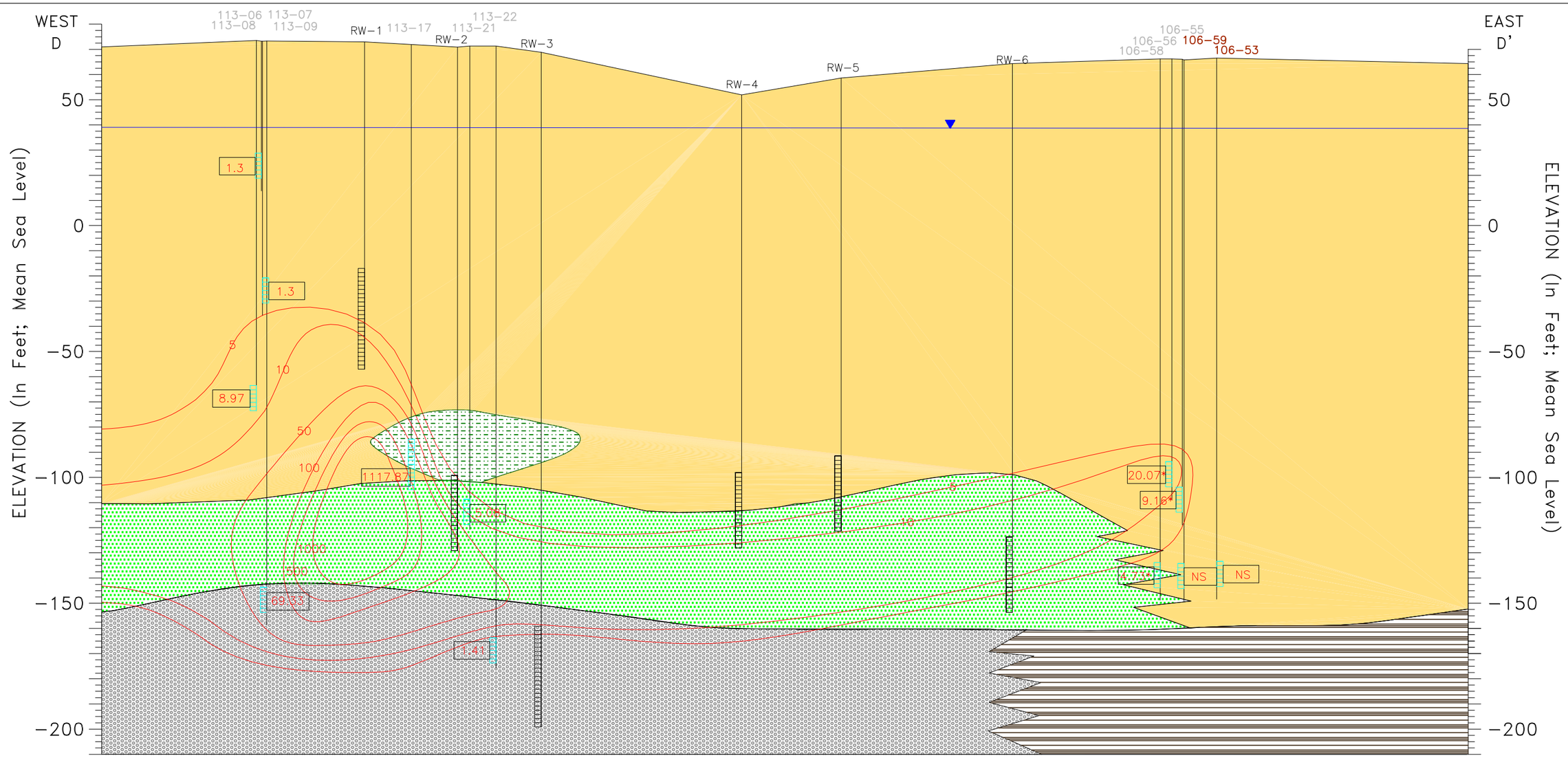

LEGEND

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

RW–1 Extraction Well

106–56 BNL Well ID

ND Indicates not detected at or above laboratory method detection limits

NS Not sampled

33.61 TVOC Concentration (µg/L)

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

Water Table As Of December 21–23, 2004

Monitoring Well Screen

Extraction Well Screen

HORIZONTAL SCALE
0 100 200 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) PLUME DISTRIBUTION BASED ON FOURTH QUARTER 2004 OU III SAMPLING EVENTS. * INDICATES THIRD QUARTER 2004 SAMPLING EVENTS.

3) CONTOUR INTERVAL IS AS SHOWN.

4) BNL WELL ID COLOR CORRESPONDS TO LONG-TERM MONITORING PROGRAM WELL LOCATION MAP.

\\OERNT\GIS\GW_PROJECTS\CY_2004_GW_REPORT\FINAL_FIGURES\FIG_3.02.03-02.DWG

BROOKHAVEN NATIONAL LABORATORY

EWMS DIVISION

TITLE:

OU III MIDDLE ROAD
TVOC HYDROGEOLOGIC CROSS SECTION (D–D')

2004 BNL GROUNDWATER STATUS REPORT

DWN:	VT:HZ.:	DATE:	PROJECT NO.:
YS	5:1	06/14/05	07926
CHKD:	APPD:	REV.:	NOTES:
JEB	WRD	–	–

FIGURE NO.: 3.2.3–2