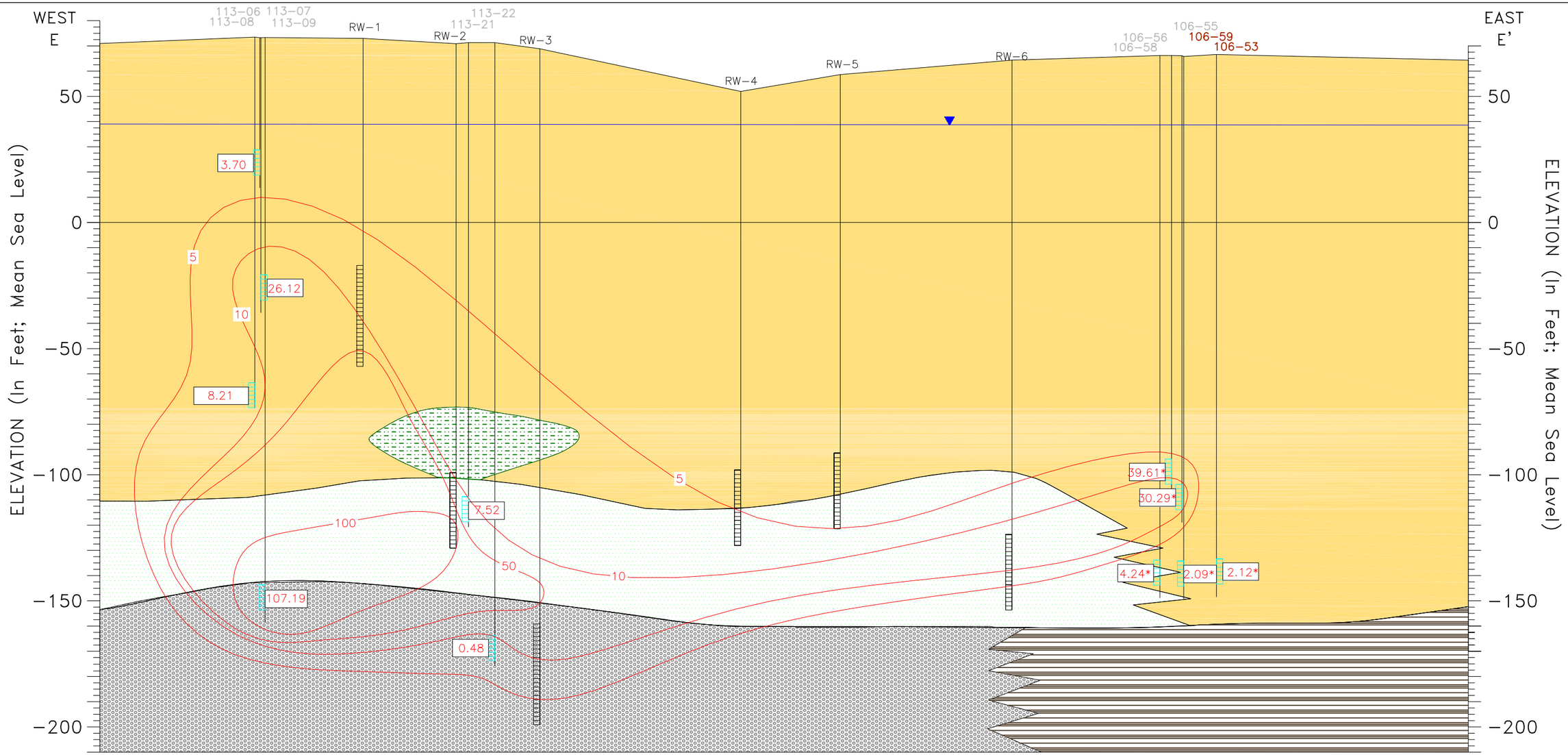

LEGEND

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

33.61 TVOC Concentration (µg/L)

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

Monitoring Well Screen

Extraction Well Screen

Water Table As Of December 16−19, 2003

SCALE IN FEET
0 100 200

NOTES:

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

2) PLUME DISTRIBUTION BASED ON FOURTH QUARTER 2003 OU III SAMPLING EVENT. TVOC VALUES WITH AN ASTERISK BASED ON THIRD QUARTER RESULTS.

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_2003_GW_REPORT\FINAL_DRAFT_FIGURES\FIG_3.02.03-03.DWG

BROOKHAVEN NATIONAL LABORATORY

GROUNDWATER PROTECTION PROGRAM

TITLE:

OU III MIDDLE ROAD
TVOC HYDROGEOLOGIC CROSS SECTION (E−E')

2003 BNL GROUNDWATER STATUS REPORT

DWN:	VT: HZ.:	DATE:	PROJECT NO.:
ALR	5:1	06/01/04	07176
CHKD: WRD	APPD: WRD	REV.: –	NOTES: –

FIGURE NO.: 3.2.3−3