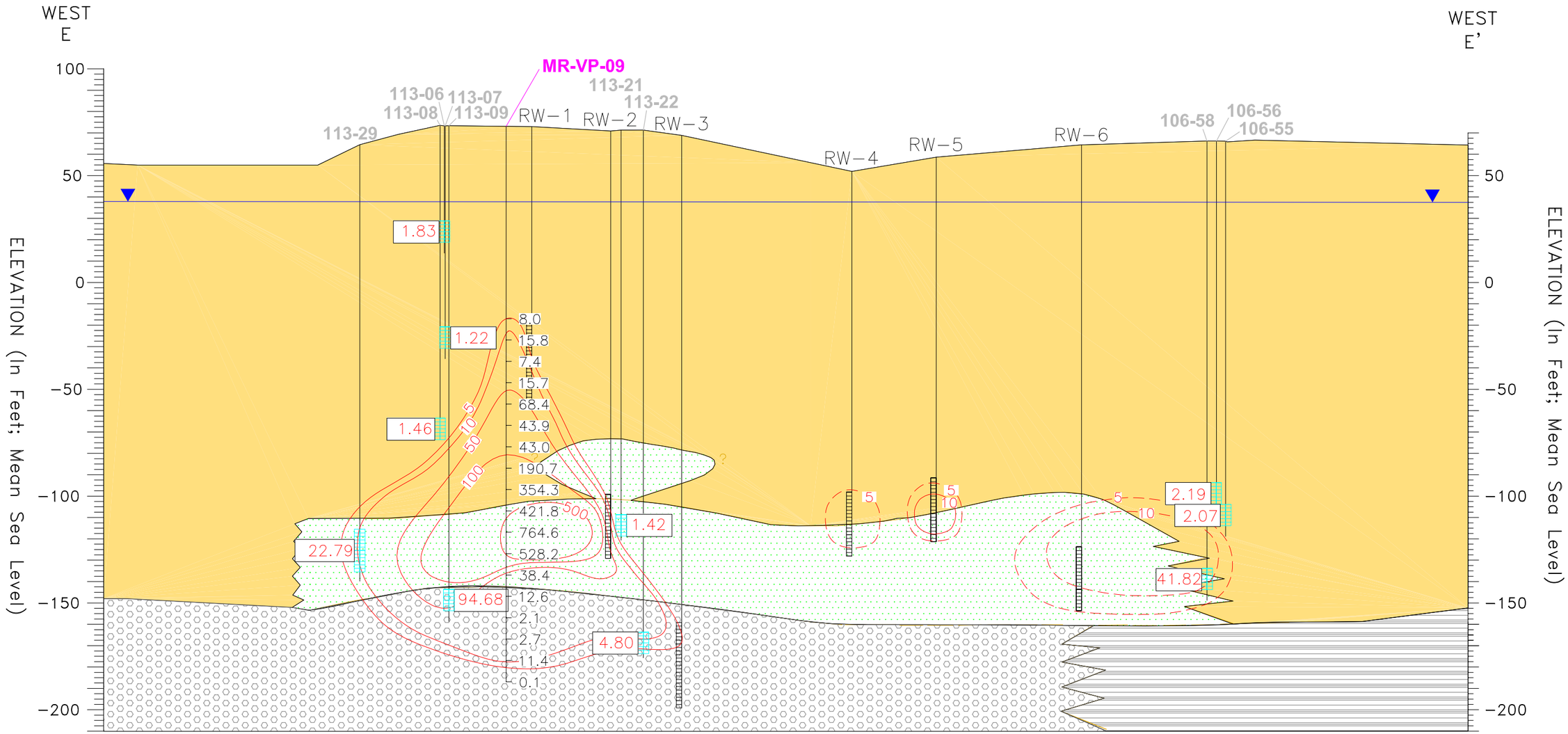

LEGEND

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

HORIZONTAL SCALE
0 100 200 FEET

RW–1 Extraction Well
113–06 BNL Well ID
ND Indicates not detected at or above laboratory method detection limits
NS not sampled
1.84 TVOC Concentration (µg/L)
5 TVOC Contour (µg/L) (Dashed Where Inferred)

Water Table As Of June 22–26, 2009
Monitoring Well Screen
Extraction Well Screen
VP–09 Temporary well location with TVOC results (in µg/L), samples obtained during second quarter 2009.

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 2009 OU III SAMPLING EVENTS.

3) CONTOUR INTERVAL IS AS SHOWN.

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

BROOKHAVEN NATIONAL LABORATORY
ENVIRONMENTAL PROTECTION DIVISION

TITLE:

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

2009 BNL GROUNDWATER STATUS REPORT

DWN:	VT:HZ.:	DATE:	PROJECT NO.:
AJZ	5:1	06/14/10	–
CHKD:	APPD:	REV.:	NOTES:
JEB	WRD	–	–
FIGURE NO.:			
3.2.3–2			

\\OERNT\GIS\GW_PROJECTS\CY_2009_GW_REPORT\FINAL_FIGURES\FIG_3.02.03-02.DWG