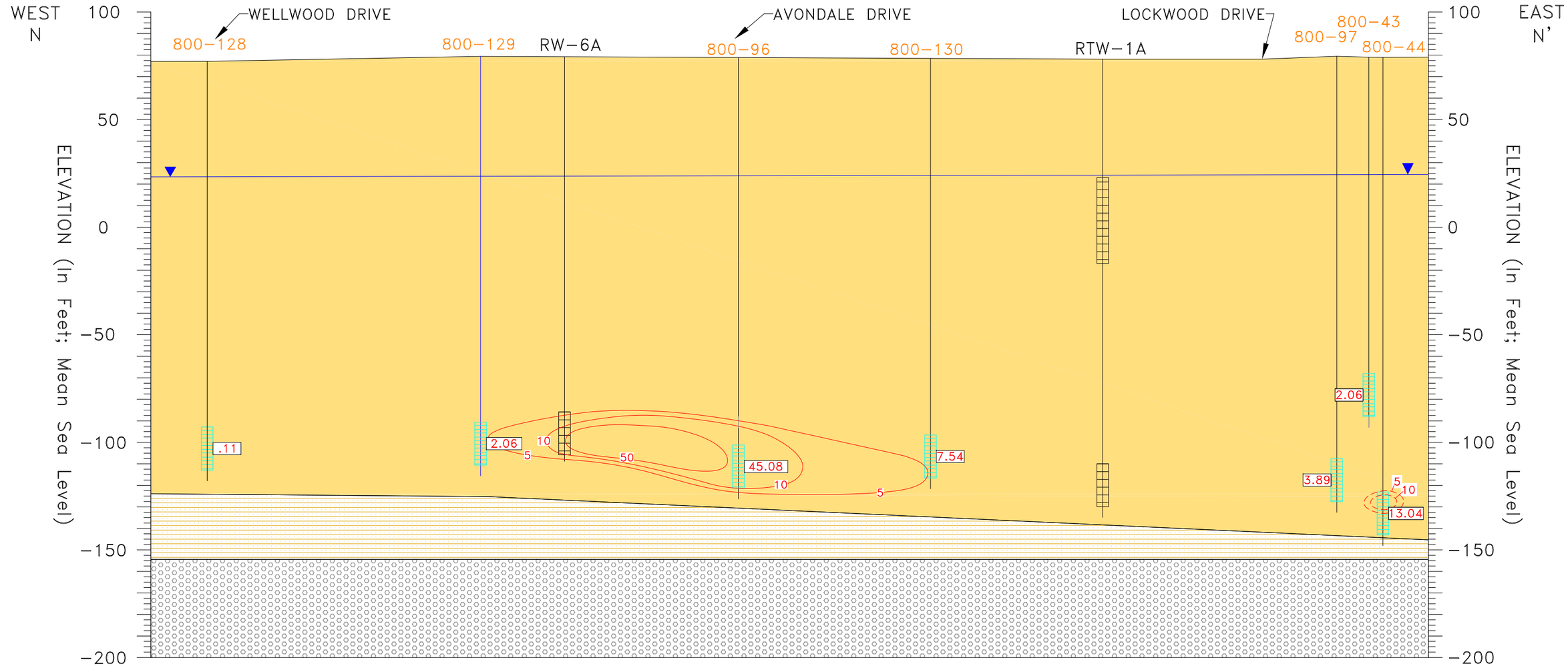

LEGEND

Upper Glacial aquifer

UG Upper Glacial Sands

UC Upper Glacial Silts & Clays

Magothy aquifer

MA Magothy Sands and Clay

800-44 BNL Well ID

1.16 TVOC Concentration (µg/L)

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

Monitoring Well Screen

Extraction Well Screen

Water Table As Of November 7-10,2011

TVOC – Total Volatile Organic Compound

µg/L – Micrograms Per Liter

HORIZONTAL SCALE

0 50 100 FEET

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

800-43
800-44

NOTES:

1) GEOLOGIC INFORMATION SHOWN IS BASED ON ADDITIONAL EXPLORATIONS (e.g., HYDROPUNCHES, GEOPROBES, VERTICAL PROFILES, AND/OR TEST WELLS 2006 AND 2007).

2) PLUME DISTRIBUTION IS BASED ON FOURTH QUARTER 2011 OU III SAMPLING EVENT.

3) CONTOUR INTERVAL IS AS SHOWN.

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

\\OERNT\GIS\GW_PROJECTS\CY_2011_GW_REPORT\FINAL_FIGURES\FIG_3.02.10-02.DWG

BROOKHAVEN NATIONAL LABORATORY

ENVIRONMENTAL PROTECTION DIVISION

TITLE:

OU III AIRPORT WEST
TVOC HYDROGEOLOGIC CROSS SECTION (N-N')

2011 BNL GROUNDWATER STATUS REPORT

DWN: AJZ	VT:HZ.: 2:1	DATE: 09/07/12	PROJECT NO.: –
CHKD: JEB	APPD: WRD	REV.: –	NOTES: –
FIGURE NO.: 3.2.10-2			