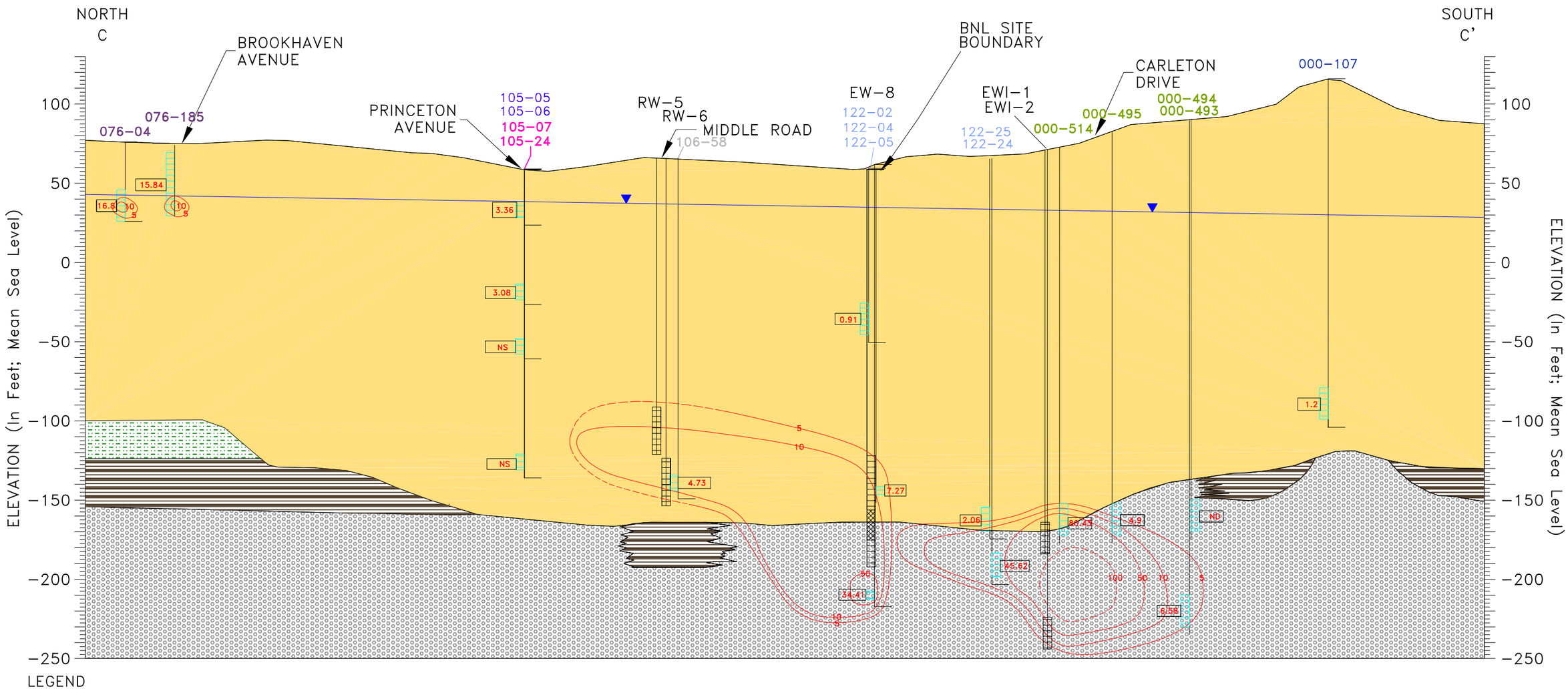

LEGEND

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

105-05 BNL Well ID

ND Not detected at or above laboratory method detection limits

NS Not Sampled

34.41 TVOC Concentration (µg/L)

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

Water Table As Of December 21-23, 2004

Monitoring Well Screen

Extraction Well Screen With Blank

HORIZONTAL SCALE

0 400 800 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 AND 2001 PREDESIGN CHARACTERIZATION.

2) PLUME DISTRIBUTION IS BASED ON OCTOBER 2004 OU IV AOC 5, NOVEMBER/DECEMBER 2004 NORTH STREET, AND NOVEMBER/DECEMBER 2004 OU III CENTRAL SAMPLING EVENTS SUPPLEMENTED WITH JULY/AUGUST 2004 RESULTS FROM OU III AOC 29 (HFBR) MONITORING.

3) CONTOUR INTERVAL IS AS SHOWN.

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

BROOKHAVEN NATIONAL LABORATORY

EWMS DIVISION

TITLE:

OU IV
TVOC HYDROGEOLOGIC CROSS SECTION (C–C')

2004 BNL GROUNDWATER STATUS REPORT

DWN:	VT:HZ.:	DATE:	PROJECT NO.:
YS	12.5:1	06/14/05	07926
CHKD: JEB	APPD: WRD	REV.: –	NOTES: –
FIGURE NO.: 3.2–3			

\\OERNT\GIS\GW_PROJECTS\CY_2004_GW_REPORT\FINAL_FIGURES\FIG_3.02-03.DWG