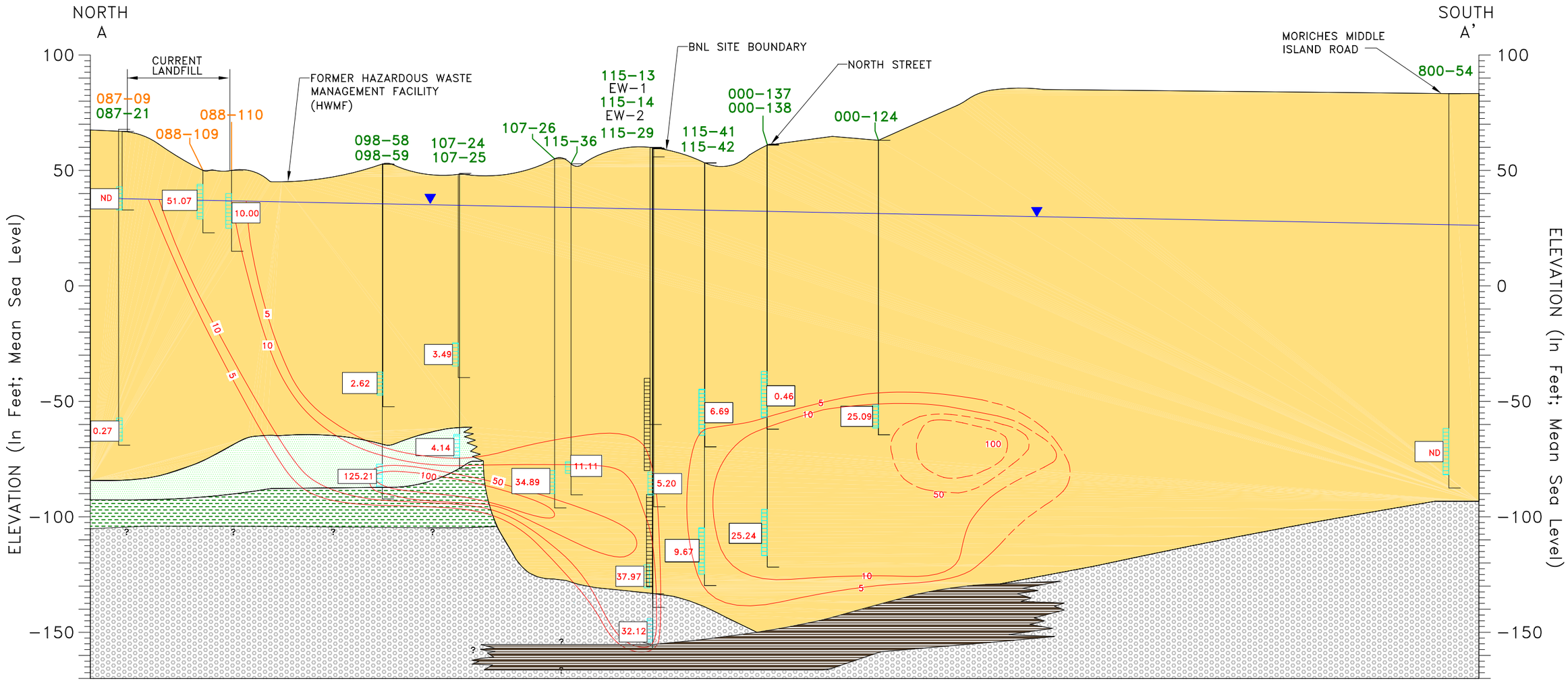

LEGEND

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

000–124 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, 2002

0 500 1000
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 THE 2001 PREDESIGN CHARACTERIZATION.

2) PLUME DISTRIBUTION BASED ON FOURTH QUARTER OU I / NORTH STREET EAST SAMPLING EVENT CONDUCTED BETWEEN OCTOBER 11 AND NOVEMBER 30, 2002.

3) CONTOUR INTERVAL IS AS SHOWN.

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

5) DOWNGRADIENT PLUME EDGE BASED ON 2001 VERTICAL PROFILE DATA.

\\OERNT\GIS\GW_PROJECTS\CY_2002_GW_REPORT\FINAL_DRAFT_FIGURES\FIG_3.01-02.DWG

BROOKHAVEN NATIONAL LABORATORY
GROUNDWATER PROTECTION PROGRAM

TITLE:

OU I SOUTH BOUNDARY / NORTH STREET EAST TVOC HYDROGEOLOGIC CROSS SECTION (A–A')

2002 BNL GROUNDWATER STATUS REPORT

DWN:	VT:HZ.:	DATE:	PROJECT NO.:
KCK	20:1	07/22/03	07176
CHKD: WRD	APPD: WRD	REV.: –	NOTES: –
FIGURE NO.: 3.1–2			