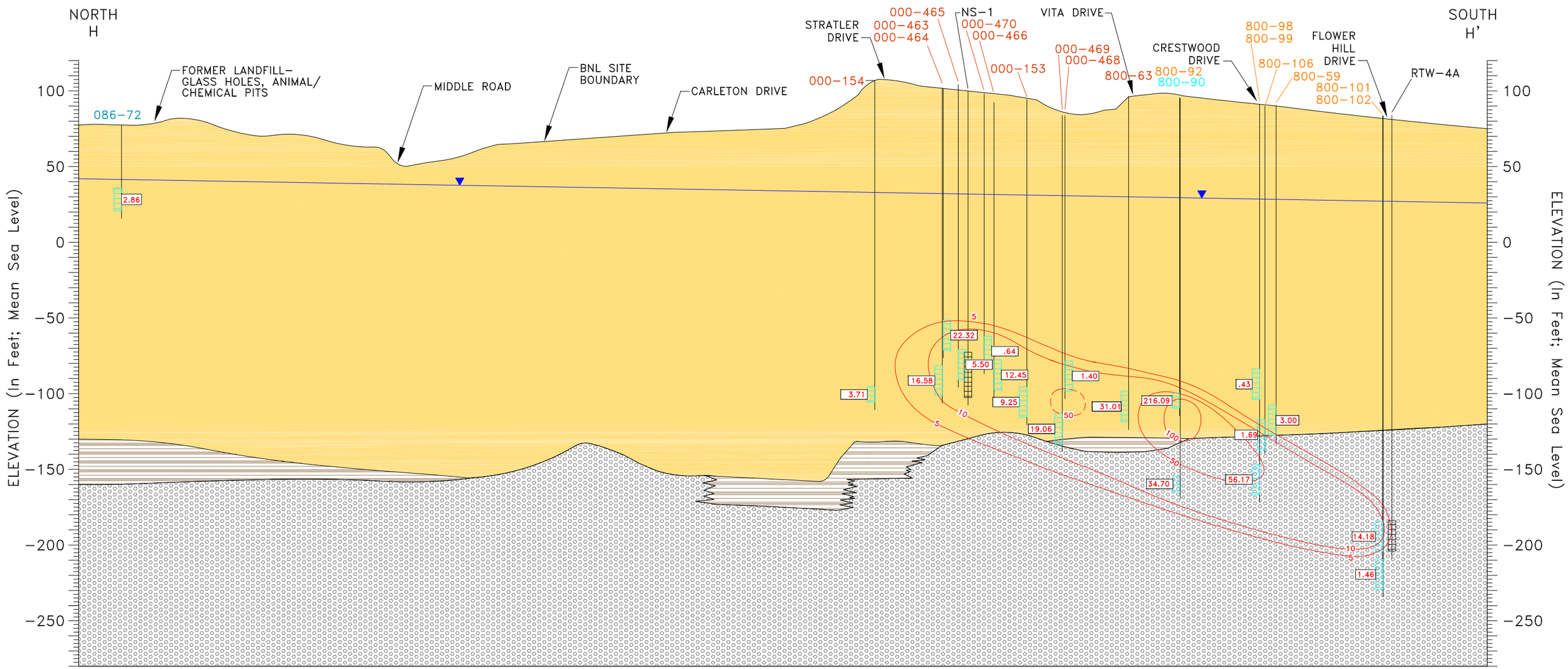

LEGEND

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

800–63 BNL Well ID

ND Indicates not detected at or above laboratory method detection limits

65.2 TVOC Concentration (µg/L)

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

Monitoring Well Screen

Extraction Well Screen

Water Table As Of November 1–4, 2010

TVOC – Total Volatile Organic Compound

µg/L – Micrograms Per Liter

HORIZONTAL SCALE

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.

2) PLUME DISTRIBUTION BASED ON FOURTH QUARTER 2010 FORMER LANDFILL (FLF) AND OUI/IV SAMPLING EVENTS.

3) PLUME DISTRIBUTION INFERRED PARTIALLY FROM DETAILED INVESTIGATION RESULTS DOCUMENTED AND PRESENTED IN OPERABLE UNIT–SPECIFIC REPORT(S).

4) CONTOUR INTERVAL IS AS SHOWN.

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

\\OERNT\GIS\GW_PROJECTS\CY_2010_GW_REPORT\FINAL_FIGURES\FIG_3.02.08–01.DWG

BROOKHAVEN NATIONAL LABORATORY

ENVIRONMENTAL PROTECTION DIVISION

TITLE:

NORTH STREET (OU I/IV FORMER LANDFILL, CHEMICAL/ANIMAL HOLES) TVOC HYDROGEOLOGIC CROSS SECTION (H–H')

2010 BNL GROUNDWATER STATUS REPORT

DWN: AJZ	VT:HZ.: 15:1	DATE: 06/30/11	PROJECT NO.: –
CHKD: JEB	APPD: WRD	REV.: –	NOTES: –
FIGURE NO.: 3.2.8–2			