



**LEGEND**

- |                                |                          |                                     |
|--------------------------------|--------------------------|-------------------------------------|
| <b>Upper Glacial aquifer</b>   | <b>Gardiners Clay</b>    | <b>Magothy aquifer</b>              |
| UG Upper Glacial Sands         | GL Gardiners Clay        | MA Magothy Sands and Clay           |
| UC Upper Glacial Silts & Clays | GS Gardiners Clay - Silt | MB Magothy Brown Clay               |
| UU Upton Unit                  |                          | MC Magothy Clays (undifferentiated) |
|                                |                          | MO Magothy - OTHER                  |

- 122-02** BNL Well ID
- ND** Indicates not detected at or above laboratory method detection limits
- 32.00** TVOC Concentration (µg/L)
- 50** TVOC Contour (µg/L) (Dashed Where Inferred)

- Water Table As Of December 16-19, 2003
- Monitoring Well Screen
- Extraction Well Screen With Blank
- 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 2003 OU IV AOC 5, NOVEMBER/DECEMBER 2003 NORTH STREET, AND NOVEMBER/DECEMBER 2003 OU III CENTRAL SAMPLING EVENTS SUPPLEMENTED WITH JULY/AUGUST 2003 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

GROUNDWATER PROTECTION PROGRAM

TITLE:

OU IV  
TVOC HYDROGEOLOGIC CROSS SECTION (C-C')  
2003 BNL GROUNDWATER STATUS REPORT

DWN: ALR	VT:HZ.: 12.5:1	DATE: 06/01/04	PROJECT NO.: 07176
CHKD: WRD	APPD: WRD	REV.: 1	NOTES: -
FIGURE NO.: 3.2-3			