



LEGEND

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|---|---|--|---|------|------|--|
| <p>Upper Glacial aquifer</p> <ul style="list-style-type: none"> UG Upper Glacial Sands UC Upper Glacial Silts & Clays UU Upton Unit | <p>Gardiners Clay</p> <ul style="list-style-type: none"> GL Gardiners Clay GS Gardiners Clay - Silt | <p>Magothy aquifer</p> <ul style="list-style-type: none"> MA Magothy Sands and Clay MB Magothy Brown Clay MC Magothy Clays (undifferentiated) MO Magothy - OTHER | <p>122-02 BNL Well ID</p> <p>ND Indicates not detected at or above laboratory method detection limits</p> <p>32.00 TVOC Concentration (µg/L)</p> <p>50 TVOC Contour (µg/L) (Dashed Where Inferred)</p> <p>000-392 Vertical profile location with TVOC Concentration (µg/L)</p> <table border="0"> <tr> <td>2.63</td> <td>1.98</td> </tr> </table> | 2.63 | 1.98 | <p>Water Table As Of December 17-20, 2001</p> <p>Monitoring Well Screen</p> <p>Extraction Well Screen With Blank</p> <p>0 400 800 FEET</p> |
| 2.63 | 1.98 | | | | | |

- 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 2001 OU IV AOC 5, NOVEMBER/DECEMBER 2001 NORTH STREET, AND NOVEMBER/DECEMBER 2001 OU III CENTRAL SAMPLING EVENTS SUPPLEMENTED WITH JULY/AUGUST 2001 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.
 - 5) VERTICAL PROFILE DATA IS SCREENING LEVEL QUALITY DATA. TOLUENE DETECTIONS MAY BE LARGELY DUE TO FIELD CONTAMINATION ISSUES. TVOC VALUES POSTED INCLUDE ALL VOLATILE COMPOUNDS ANALYZED. VERTICAL PROFILE DATA IS BEING USED AS GUIDANCE IN CONTOURING TVOC PLUMES.



TITLE: **OU IV TVOC HYDROGEOLOGIC CROSS SECTION (C-C')**
 2001 BNL GROUNDWATER STATUS REPORT

DWN: KCK	VT:HZ.: 12.5:1	DATE: 06/13/02	PROJECT NO.: 07176
CHKD: WRD	APPD: WRD	REV.: -	NOTES: -
FIGURE NO.: 3.2-3			