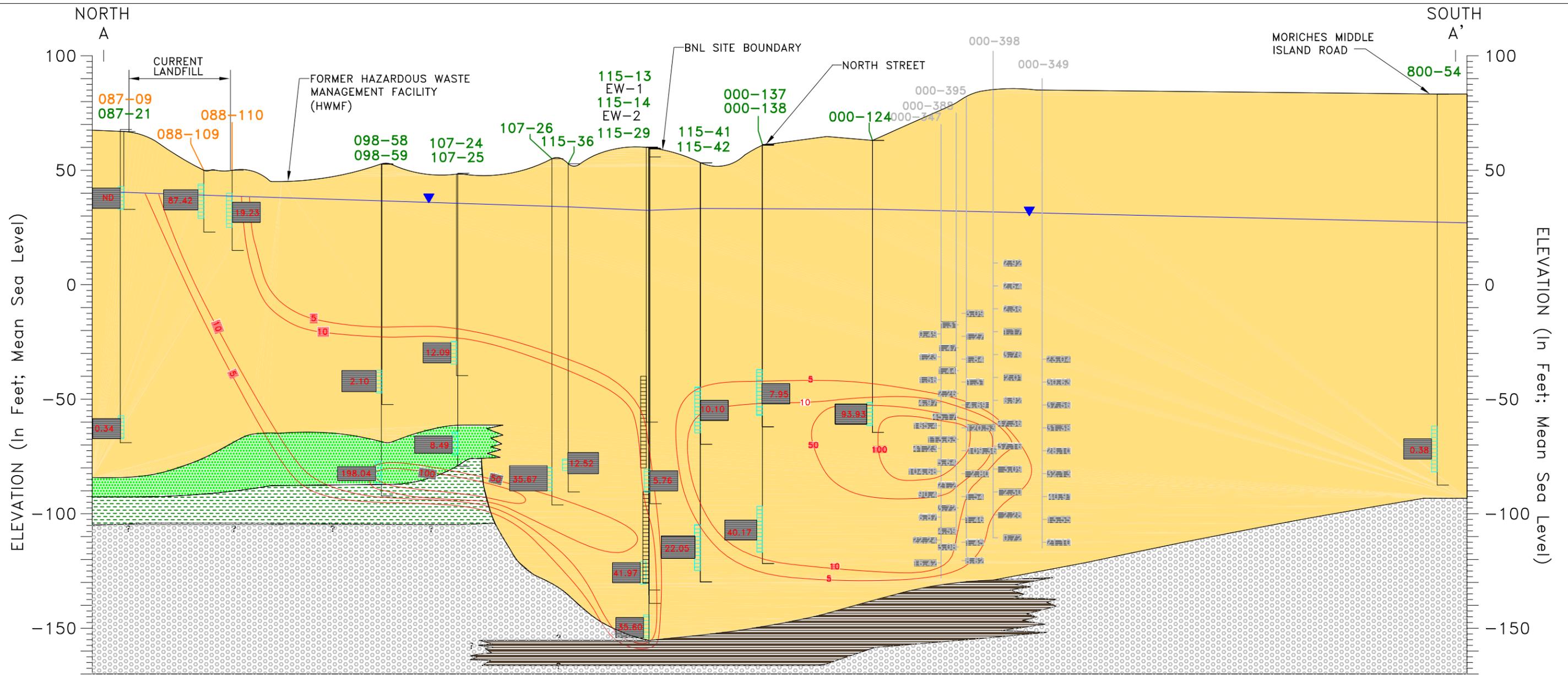


\\ORNT\GIS\GW_PROJECTS\CY_2001_GW_REPORT\FINAL_DRAFT_FIGURES\FIG3_1_02.DWG



LEGEND

- | | | | | |
|--------------------------------|--------------------------|-------------------------------------|--|---|
| Upper Glacial aquifer | Gardiners Clay | Magothy aquifer | 000-124 BNL Well ID | Water Table As Of December 17-20, 2001 |
| UG Upper Glacial Sands | GL Gardiners Clay | MA Magothy Sands and Clay | ND Indicates not detected at or above laboratory method detection limits | |
| UC Upper Glacial Silts & Clays | GS Gardiners Clay - Silt | MB Magothy Brown Clay | 33.61 TVOC Concentration (µg/L) | 000-349 Vertical profile location and TVOC Concentration (µg/L) |
| UU Upton Unit | | MC Magothy Clays (undifferentiated) | 5 TVOC Contour (µg/L) (Dashed Where Inferred) | 1.17 |
| | | MO Magothy - OTHER | Monitoring Well Screen | 1.60 |
| | | | Extraction Well Screen | |

- 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 1 / NORTH STREET EAST SAMPLING EVENT CONDUCTED BETWEEN OCTOBER 11 AND NOVEMBER 30, 2000 AND VERTICAL PROFILE SAMPLING CONDUCTED BETWEEN OCTOBER 17, 2001 AND FEBRUARY 21, 2002.
 - 3) CONTOUR INTERVAL IS AS SHOWN.
 - 4) BNL WELL ID COLOR CORRESPONDS TO LONG-TERM MONITORING PROGRAM WELL LOCATION MAP.
 - 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 1 SOUTH BOUNDARY / NORTH STREET EAST TVOC HYDROGEOLOGIC CROSS SECTION (A-A')**

2001 BNL GROUNDWATER STATUS REPORT

DWN: KCK	VT:HZ.: 20:1	DATE: 06/13/02	PROJECT NO.: 07176
CHKD: WRD	APPD: WRD	REV.: -	NOTES: -
FIGURE NO.: 3.1-2			