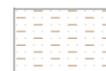


**LEGEND**

**Upper Glacial aquifer**

-  Fine to coarse sand, trace to little silt and/or fine to medium gravel.
-  Very fine sand and/or silt, with silt and sand lenses interbedded.
-  Coarse to very coarse sand, with or without gravel or gravel with sand.

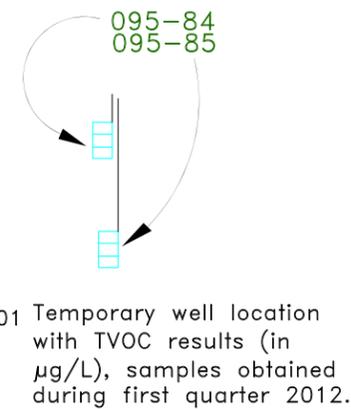
- 095-85 BNL Monitoring Well ID
- 104.94 TVOC Concentration (µg/L)
- 50 — TVOC Contour (µg/L) (Dashed Where Inferred)

**RTW-1 Recirculation Well**

-  Monitoring Well Screen
-  Extraction Well Screen
-  Water Table As Of November 7-10, 2011

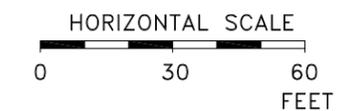
- TVOC - Total Volatile Organic Compound
- µg/L - Micrograms Per Liter
- PCE - Tetrachloroethylene

Monitoring Well IDs are stacked in order of the depth of the well from shallow to deep



**NOTES:**

- 1) GEOLOGIC INFORMATION SHOWN IS BASED ON LITHOLOGIC DATA COLLECTED JUNE 2004 FOR GP BORING DESIGNATIONS AND NOV. 2004 FOR S BORING DESIGNATIONS SUPPLEMENTED WITH GEOLOGIC DATA FROM 1999.
- 2) PLUME DISTRIBUTION BASED ON FOURTH QUARTER 2011 BLDG 96 SAMPLING EVENT.
- 3) CONTOUR INTERVAL IS AS SHOWN.
- 4) BNL WELL ID COLOR CORRESPONDS TO LONG-TERM MONITORING PROGRAM WELL LOCATION MAP.



**BROOKHAVEN**  
NATIONAL LABORATORY

ENVIRONMENTAL PROTECTION DIVISION

TITLE:

**OU III BUILDING 96 AREA  
HYDROGEOLOGIC CROSS SECTION (D-D')**

2011 BNL GROUNDWATER STATUS REPORT

DWN: AJZ	VT:HZ.: 1.5:1	DATE: 09/07/12	PROJECT NO.: —
CHKD: JEB	APPD: WRD	REV.: —	NOTES: —

FIGURE NO.: 3.2.2-3

\\OERNT\GIS\GW\_PROJECTS\CY\_2011\_GW\_REPORT\FINAL\_FIGURES\FIG\_3.02.02-03.DWG