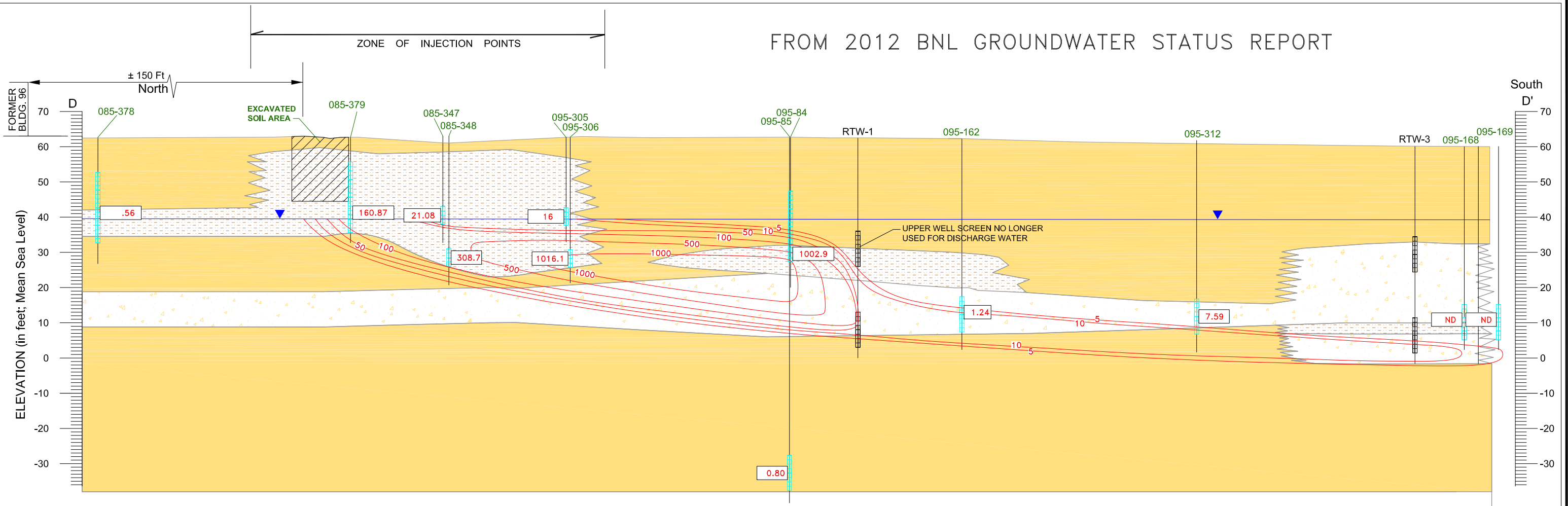


FROM 2012 BNL GROUNDWATER STATUS REPORT



LEGEND

Upper Glacial aquifer

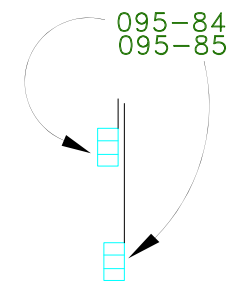
- Fine to coarse sand, trace to little silt and/or fine to medium gravel.
- Very fine sand and/or silt, with silt and sand lenses interbedded.
- Coarse to very coarse sand, with or without gravel or gravel with sand.

- 095-85 BNL Monitoring Well ID
- 104.94 TVOC Concentration ($\mu\text{g/L}$)
- 50 TVOC Contour ($\mu\text{g/L}$) (Dashed Where Inferred)

- RTW-1 Recirculation Well
- Monitoring Well Screen
- Extraction Well Screen
- Water Table As Of November 26-30, 2012

- TVOC - Total Volatile Organic Compound
- $\mu\text{g/L}$ - Micrograms Per Liter
- PCE - Tetrachloroethylene

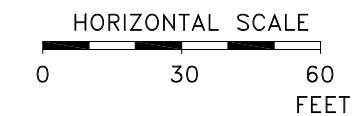
Monitoring Well IDs are stacked in order of the depth of the well from shallow to deep



B96-TW01 Temporary well location with TVOC results (in $\mu\text{g/L}$), samples obtained during first quarter 2012.

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 2012 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')

2012 BNL GROUNDWATER STATUS REPORT

DWN: AJZ	VT:HZ.: 1.5:1	DATE: 06/12/13	PROJECT NO.: -
CHKD: JEB	APPD: WRD	REV.: -	NOTES: -

FIGURE NO.: 3.2.1-2a

\\OERNT\GIS\GW_PROJECTS\CY_2012_GW_REPORT\FINAL_FIGURES\FIG_3.02.02-03_061213.DWG