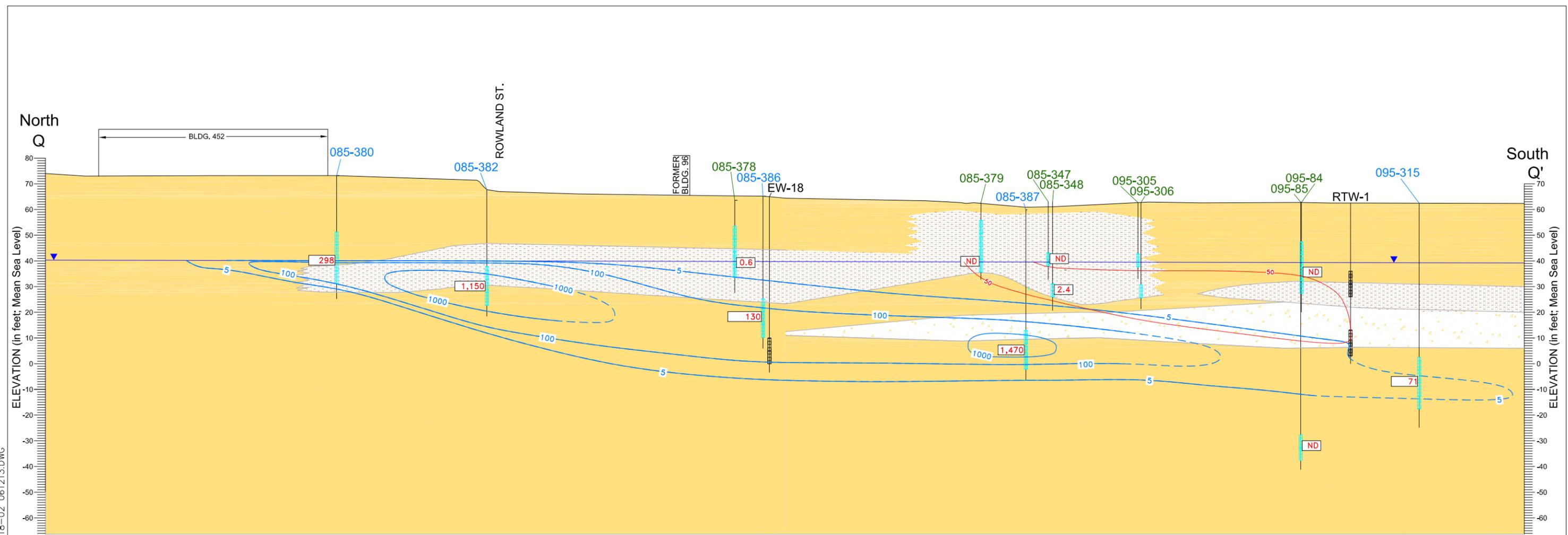


\\OERNT\GIS\GW\_PROJECTS\CY\_2012\_GW\_REPORT\DRAWING\FIGURES\Fig\_3-02-18-02\_061213.DWG



**LEGEND**

<p>Upper Glacial aquifer</p> <p> Fine to coarse sand, trace to little silt and/or fine to medium gravel.</p> <p> Very fine sand and/or silt, with silt and sand lenses interbedded.</p> <p> Coarse to very coarse sand, with or without gravel or gravel with sand.</p> <p>085-382 BNL Monitoring Well ID</p> <p>38,800 Freon-11 Concentration (µg/L)</p>	<p> 50 TVOC Contour (µg/L) (Dashed Where Inferred)</p> <p> 5 Freon-11 Contour (µg/L) (Dashed Where Inferred)</p> <p>RTW-1 Recirculation Well</p> <p> Monitoring Well Screen</p> <p> Extraction Well Screen With Blank</p>	<p> Water Table As Of November 26-30, 2012</p> <p>TVOC - Total Volatile Organic Compound</p> <p>µg/L - Micrograms Per Liter</p> <p>PCE - Tetrachloroethylene</p>	<p>Monitoring Well IDs are stacked in order of the depth of the well from shallow to deep</p> <p></p> <p>HORIZONTAL SCALE 0 30 60 FEET</p>
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- 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 2011 FREON-11 MONITORING WELL INSTALLATIONS.
  - 2) TVOC PLUME DISTRIBUTION BASED ON FOURTH QUARTER 2012 BLDG 96 SAMPLING EVENT.
  - 3) FREON 11 PLUME DISTRIBUTION BASED ON FOURTH QUARTER 2012 MONITORING WELL SAMPLING EVENT.
  - 4) CONTOUR INTERVAL IS AS SHOWN.
  - 5) BNL WELL ID COLOR CORRESPONDS TO LONG-TERM MONITORING PROGRAM WELL LOCATION MAP.



TITLE: FACILITY MONITORING PROGRAM, BUILDING 452 AREA FREON-11, 4th QUARTER 2012 HYDROGEOLOGIC CROSS SECTION (Q-Q')

2012 BNL GROUNDWATER STATUS REPORT

DWN: AJZ	VT:HZ.: 1.5:1	DATE: 06/12/13	PROJECT NO.: -
CHKD: JEB	APPD: DEP	REV.: -	NOTES: -
FIGURE NO.:		3.2.18-2	