

P:\2011\BNLab\11-02 LTRA\Task 38 2015 Annual GW Report\FINAL\2016-06-14\Figures\ACAD Figures\Fig_3-02-03-04 061416.dwg

LEGEND

Upper Glacial aquifer

- UG Upper Glacial Sands
- UC Upper Glacial Silts & Clays
- UU Upton Unit

Gardiners Clay

- GL Gardiners Clay
- GS Gardiners Clay - Silt

Magothy aquifer

- MA Magothy Sands and Clay
- MB Magothy Brown Clay
- MC Magothy Clays (undiff)
- MO Magothy - OTHER

000-114 BNL Well ID

1.84 TVOC Concentration ($\mu\text{g/L}$)

ND Not detected at or above laboratory method detection limits

NS Not Sampled

TVOC Contour ($\mu\text{g/L}$)
(Dashed Where Inferred)

Monitoring Well Screen

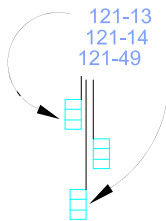
Extraction Well Screen

Water Table As Of
December 7 - 11, 2015

TVOC - Total Volatile Organic Compound

$\mu\text{g/L}$ - Micrograms Per Liter

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



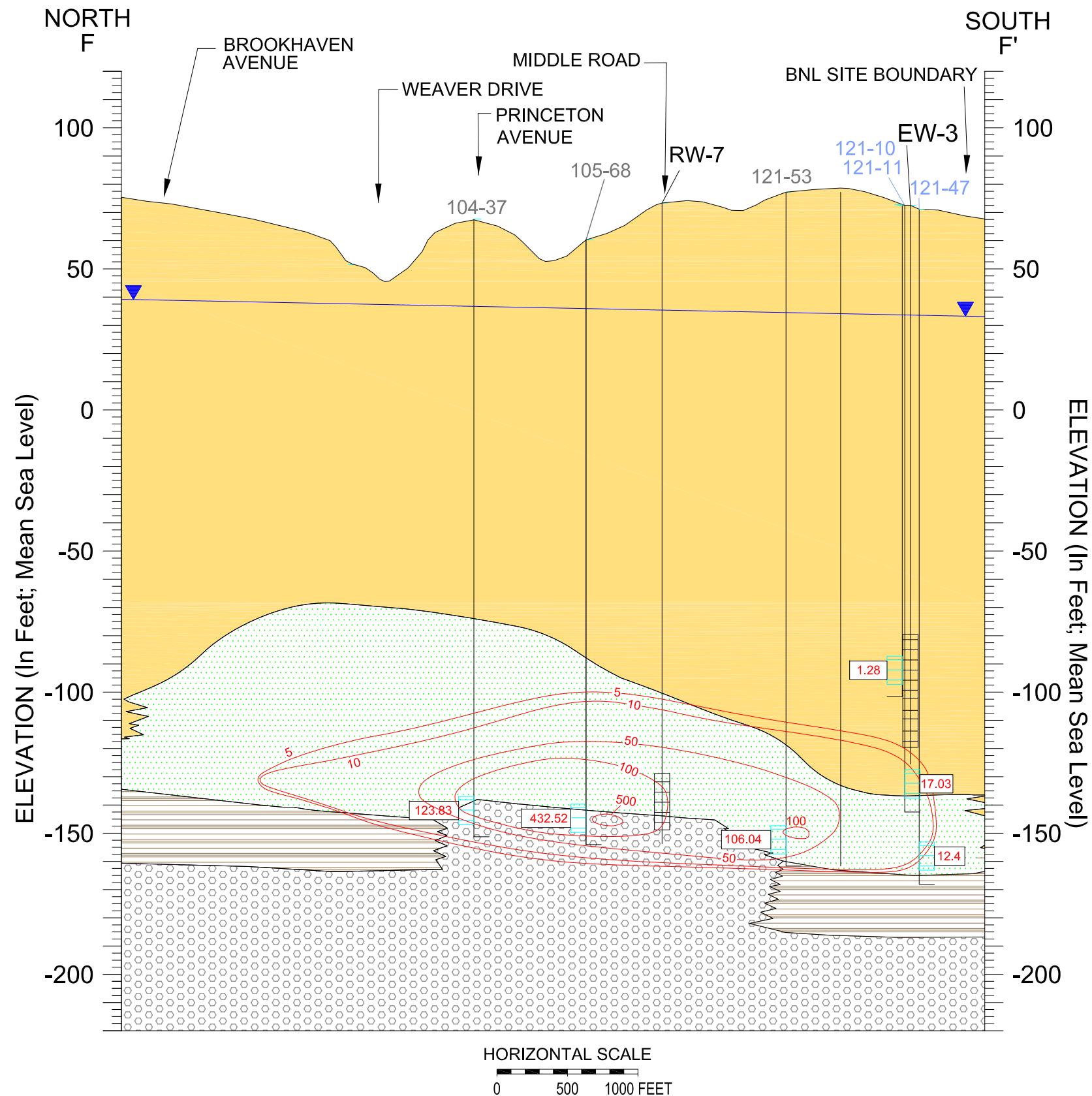
NOTES:

1) GEOLOGIC INFORMATION SHOWN IS BASED ON ADDITIONAL EXPLORATIONS (e.g., HYDROPUNCHES, GEOPROBES, VERTICAL PROFILES, AND/OR TEST WELLS) DOCUMENTED IN PREVIOUS, MORE DETAILED REPORTS, 2001 PREDESIGN CHARACTERIZATION, AND WELL 105-22 SAMPLING EVENT APRIL 2005.

2) PLUME DISTRIBUTION IS BASED ON FOURTH QUARTER 2015 OU III SAMPLING EVENT.

3) CONTOUR INTERVAL IS AS SHOWN.

4) BNL WELL ID COLOR CORRESPONDS TO LONG-TERM MONITORING WELL LOCATION MAP.



BROOKHAVEN
NATIONAL LABORATORY

ENVIRONMENTAL PROTECTION DIVISION

TITLE:

OU III MIDDLE ROAD AREA TVOC HYDROGEOLOGIC CROSS SECTION (F-F')

2015 BNL GROUNDWATER STATUS REPORT

DWN:

AJZ

VT: HZ.:

5: 1

DATE:

06/14/16

PROJECT NO.:

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CHKD:

JEB

APPD:

WRD

REV.:

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NOTES:

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FIGURE NO.:

3.2.3-4