

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 (undifferentiated)

MO Magothy - OTHER

126-01 BNL Well ID

ND Indicates not detected at or above laboratory method detection limits

7.54 TVOC Concentration (µg/L)

5 TVOC Contour (µg/L) (Dashed Where Inferred)

Monitoring Well Screen

Extraction Well Screen

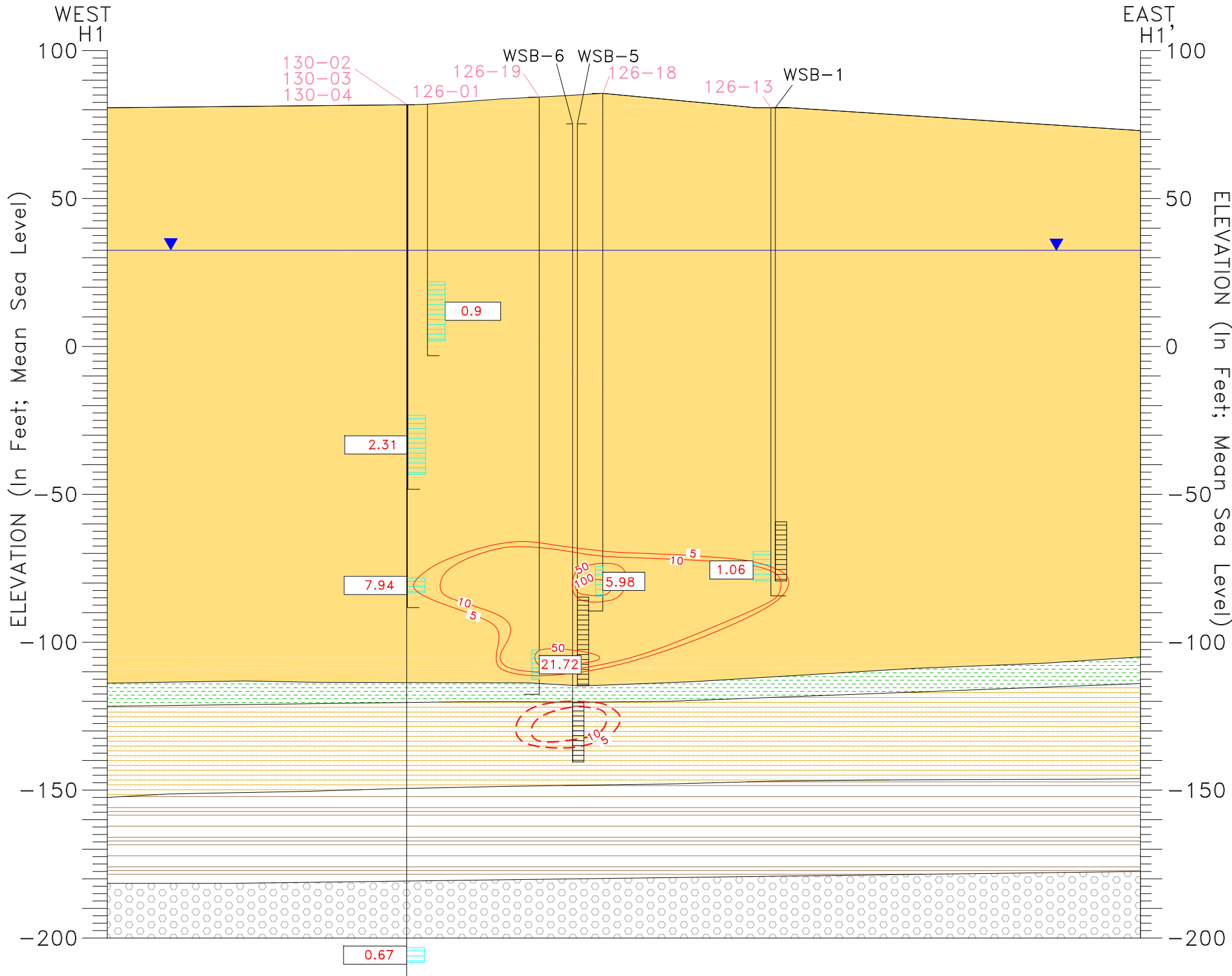
Water Table As Of
JAN. 25 - Jan 28, 2021

TVOC- Total Volatile Organic
Compound

µg/L- Micrograms Per Liter

NOTES:

- 1) GEOLOGIC INFORMATION SHOWN IS BASED ON ADDITIONAL EXPLORATIONS (e.g., HYDROPUNCHES, GEOPROBES, VERTICAL PROFILES, AND/OR TEST WELLS) DOCUMENTED IN PREVIOUS, CHARACTERIZATION REPORTS.
- 2) PLUME DISTRIBUTIONS BASED ON FOURTH QUARTER 2020 SAMPLING EVENTS, SUPPLEMENTED WITH THIRD QUARTER MONITORING DATA TO PROVIDE ADEQUATE AREAL COVERAGE.
- 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 WESTERN SOUTH BOUNDARY
TVOC HYDROGEOLOGIC CROSS SECTION (H1-H1')

2020 BNL GROUNDWATER STATUS REPORT

DWN: AJZ	VT:HZ.: 20:1	DATE: 03/29/21	PROJECT NO.: —
CHKD: WRD	APPD: WRD	REV.: 06/14/21	NOTES: —
FIGURE NO.:		3.2.4-6	