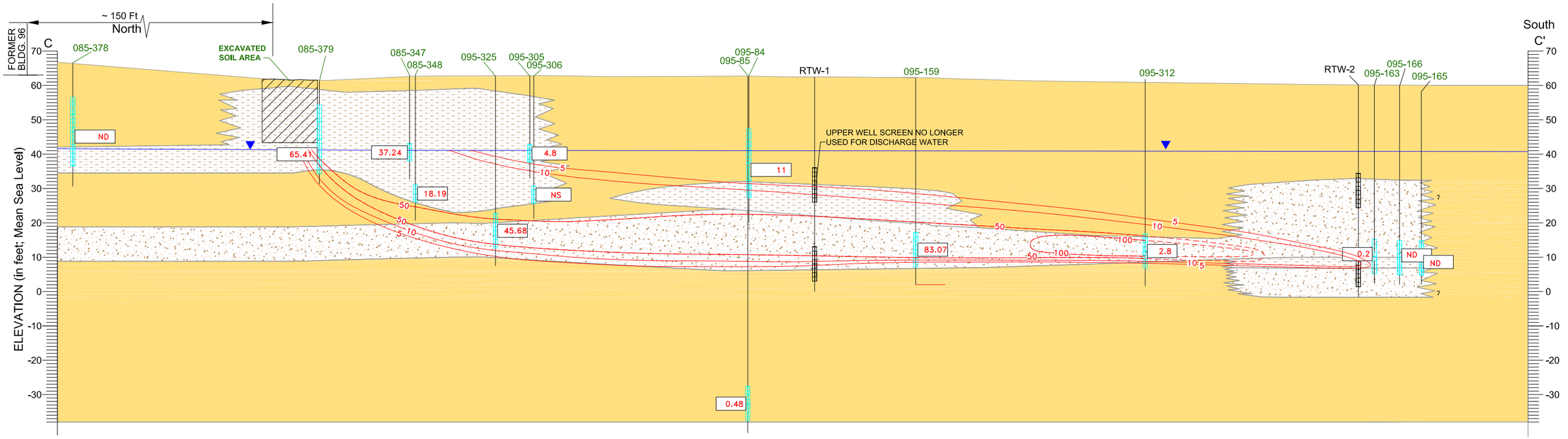

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LEGEND

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)

NS — Not Sampled

50 — TVOC Contour (µg/L) (Dashed Where Inferred)

RTW-1 — Recirculation Well

Monitoring Well Screen

Extraction Well Screen

Water Table As Of JAN. 8 – Jan 10, 2020

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

095-84
095-85

NOTES:

1) GEOLOGIC INFORMATION SHOWN IS BASED ON GEOLOGIC DATA FROM 1999, SUPPLEMENTED WITH LITHOLOGIC DATA COLLECTED JUNE AND NOV. 2004.

2) PLUME DISTRIBUTION BASED ON FOURTH QUARTER 2019 BLDG 96 SAMPLING EVENTS.

3) CONTOUR INTERVAL IS AS SHOWN.

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

HORIZONTAL SCALE
0 30 60
FEET

BROOKHAVEN NATIONAL LABORATORY
ENVIRONMENTAL PROTECTION DIVISION

TITLE:

OU III BUILDING 96 AREA HYDROGEOLOGIC CROSS SECTION (C–C')

2019 BNL GROUNDWATER STATUS REPORT

DWN:	VT:HZ.:	DATE:	PROJECT NO.:
AJZ	1.5:1	06/12/20	–
CHKD:	APPD:	REV.:	NOTES:
WRD	WRD	–	–

FIGURE NO.: 3.2.1-2