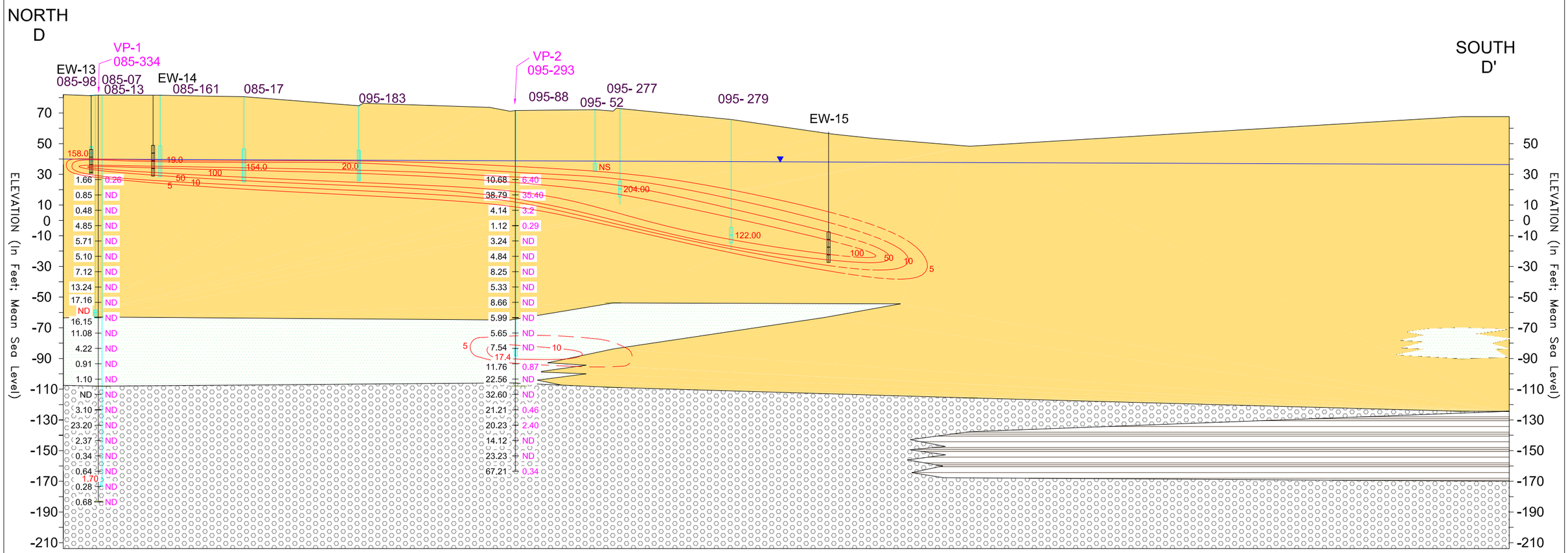

LEGEND

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)

0 50 100
FEET

000–130 BNL Well ID

0.79 Monitoring Well CCL4 Concentration (µG/L)

50 CCL4 Contour (µG/L) (Dashed Where Inferred)

Monitoring Well Screen

Extraction Well Screen

VP–1 2002 vertical profile location

Water Table As Of December 16–19, 2002

085–334 Vertical profile location and CCL4 Concentration (µG/L) (1.30, 1.86)

Vertical profile location and TVOC Concentration (µG/L) (1.30, 1.86)

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.

2) PLUME DISTRIBUTION IS BASED ON FOURTH QUARTER 2002 OUIII CARBON TETRACHLORIDE SYSTEM SAMPLING EVENT. THIS DATA IS SUPPLEMENTED WITH CARBON TETRACHLORIDE SUPPLEMENTAL INVESTIGATION DATA COLLECTED DECEMBER 2002.

3) CONTOUR INTERVAL IS AS SHOWN.

4) VERTICAL PROFILE DATA IS SCREENING LEVEL QUALITY DATA.

\\OERNT\GIS\GW_PROJECTS\CY_2002_GW_REPORT\FINAL_DRAFT_FIGURES\FIG_3.02.01-06.DWG

BROOKHAVEN NATIONAL LABORATORY

GROUNDWATER PROTECTION PROGRAM

TITLE:

OU III CARBON TETRACHLORIDE HYDROGEOLOGIC CROSS SECTION (D–D')

2002 BNL GROUNDWATER STATUS REPORT

DWN:	VT:HZ.:	DATE:	PROJECT NO.:
KCK–PWGC	2.5:1	07/16/03	07340
CHKD: WRD	APPD: VJR	REV.: 0	NOTES:
FIGURE NO.: 3.2.1–6			