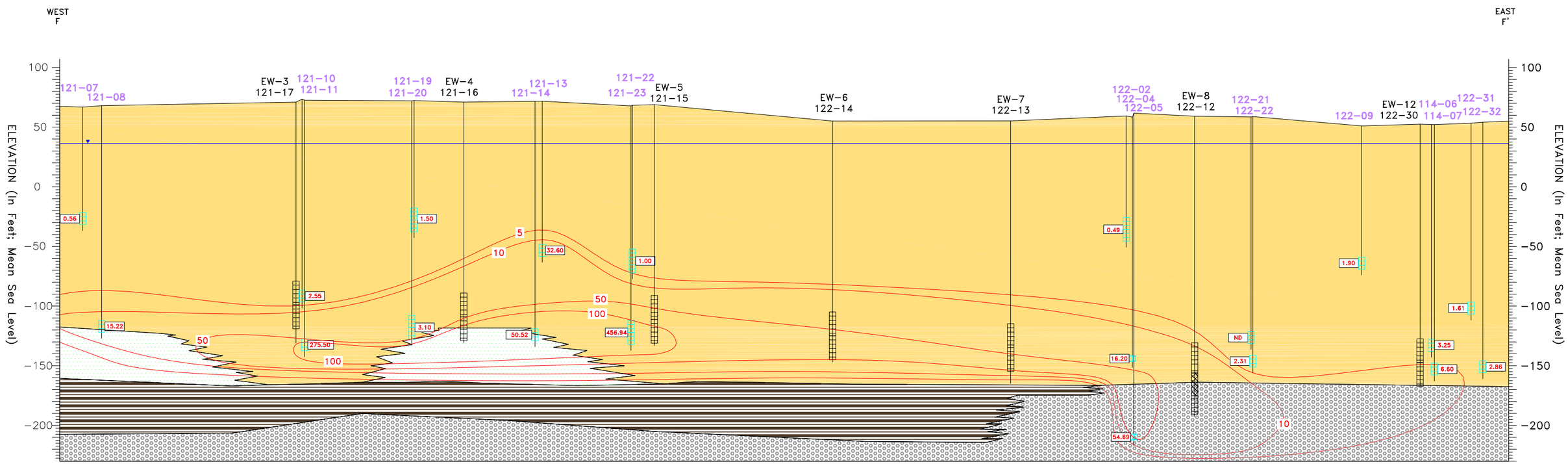

LEGEND

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

000–130 BNL Well ID

0.79 TVOC Concentration (µg/L)

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

ND Indicates not detected at or above laboratory

Monitoring Well Screen

Extraction Well Screen

Water Table As Of December 16–19, 2003

0 50 100
FEET

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 2003 OU III SAMPLING EVENT.
3) CONTOUR INTERVAL IS AS SHOWN.
4) BNL WELL ID COLOR CORRESPONDS TO LONG–TERM MONITORING PROGRAM COLOR CODE.

\\OERNT\GIS\GW_PROJECTS\CY_2003_GW_REPORT\FINAL_DRAFT_FIGURES\FIG_3.02.04–03.DWG

BROOKHAVEN NATIONAL LABORATORY
GROUNDWATER PROTECTION PROGRAM

TITLE:

OU III SOUTH BOUNDARY TVOC HYDROGEOLOGIC CROSS SECTION (F–F')

2003 BNL GROUNDWATER STATUS REPORT

DWN:	VT:HZ.:	DATE:	PROJECT NO.:
ALR	2:1	06/01/04	07176
CHKD: WRD	APPD: WRD	REV.: –	NOTES: –

FIGURE NO.: 3.2.4–3