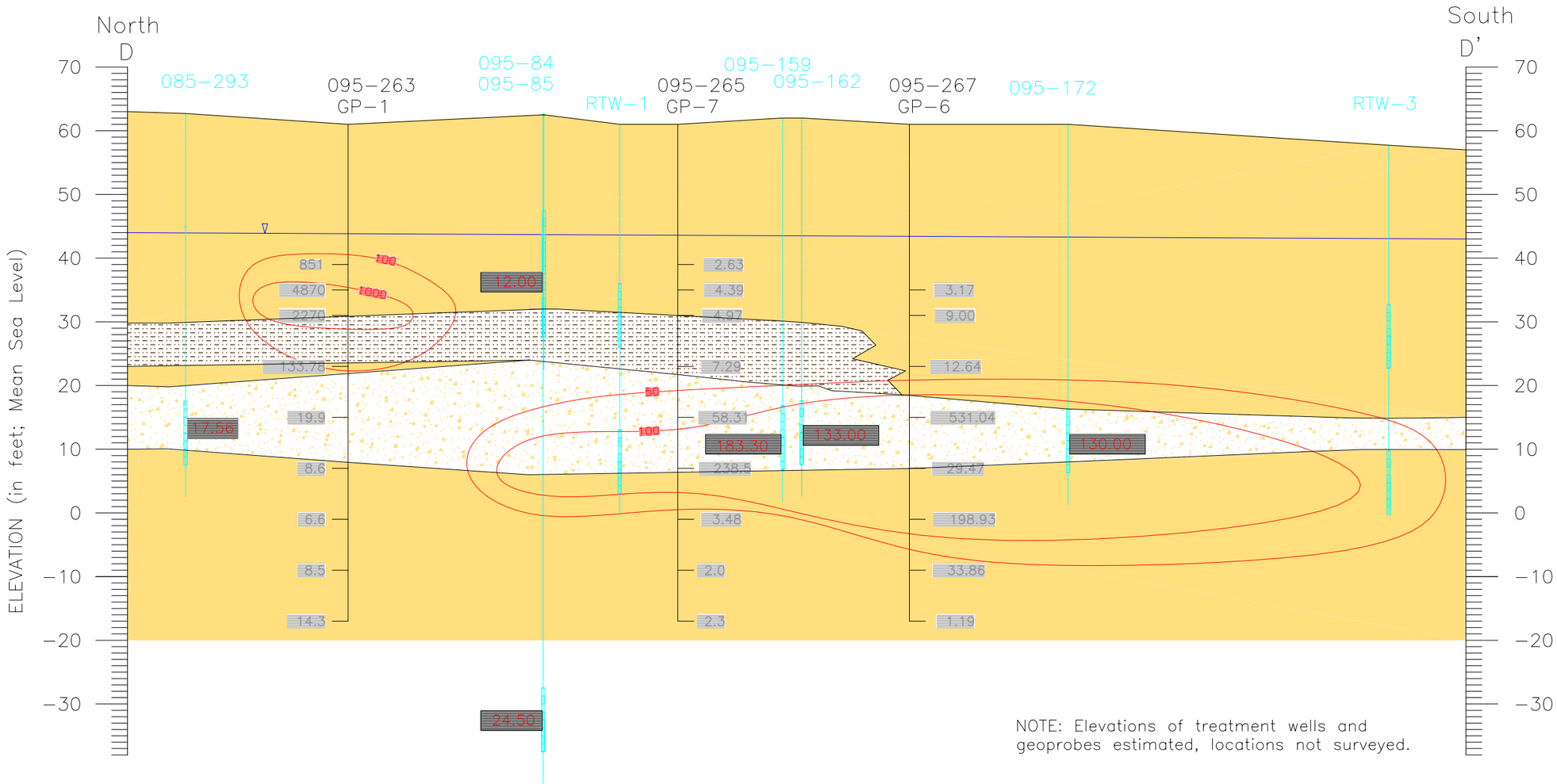

LEGEND

- 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.

122-02 — BNL Well ID

ND — Indicates not detected at or above laboratory method detection limits

32.00 — TVOC Concentration (µG/L)

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

095-263 GP-1 2.63 1.98 — Vertical profile location and temporary ID with TVOC Concentration (µG/L)

RTW-1 — Recirculation Well

Water Table As Of September 2001

Monitoring Well Screen

Extraction Well Screen With Blank

0 25 50
FEET

NOTES:

1) GEOLOGIC INFORMATION SHOWN IS BASED ON B96-GP01, B96-GP04, B96-GP14 AND B96-GP24 LITHOLOGIC DATA COLLECTED DURING THE BUILDING 96 PRE-DESIGN INVESTIGATION.

2) PLUME DISTRIBUTION IS BASED ON SEPTEMBER 2001 SAMPLING EVENTS SUPPLEMENTED WITH SEPTEMBER 2001 GEOPROBE SAMPLES.

4) CONTOUR INTERVAL IS AS SHOWN.

5) BNL WELL ID COLOR CORRESPONDS TO LONG-TERM MONITORING PROGRAM CODE.

6) VERTICAL PROFILE DATA IS SCREENING LEVEL QUALITY DATA. TOLUENE DETECTIONS MAY BE LARGELY DUE TO FIELD CONTAMINATION ISSUES. TVOC VALUES POSTED INCLUDE ALL VOLATILE COMPOUNDS ANALYZED, VERTICAL PROFILE DATA IS BEING USED AS GUIDANCE IN CONTOURING TVOC PLUMES.

BROOKHAVEN NATIONAL LABORATORY

ENVIRONMENTAL SERVICES DIVISION

TITLE:

OU III BUILDING 96 AREA
TVOC HYDROGEOLOGIC CROSS SECTION (D-D')
2001 BNL GROUNDWATER STATUS REPORT

DWN:	VT:HZ.:	DATE:	PROJECT NO.:
KCK	–	06/13/02	07176
CHKD: WRD	APPD: WRD	REV.: –	NOTES: –
FIGURE NO.: 3.2-18			

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