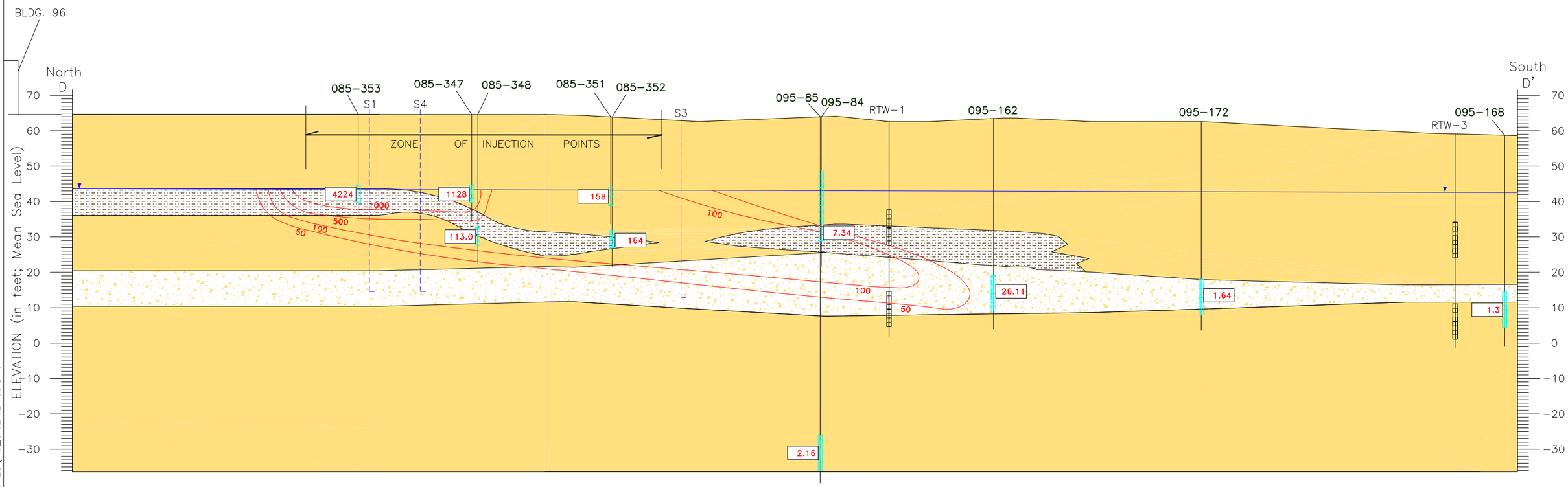

LEGEND

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

113.0 TVOC Concentration (µg/L)

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

S1 Lithology boring locations

RTW–1 Recirculation Well

Water Table As Of December 12–15, 2005

Monitoring Well Screen

Extraction Well Screen With Blank

HORIZONTAL SCALE

0 30 60 FEET

NOTES:

1) GEOLOGIC INFORMATION SHOWN IS BASED ON LITHOLOGIC DATA COLLECTED JUNE 2004 FOR GP BORING DESIGNATIONS AND NOV. 2004 FOR S BORING DESIGNATIONS SUPPLEMENTED WITH GEOLOGIC DATA FROM 1999.

2) PLUME DISTRIBUTION BASED ON THIRD AND FOURTH QUARTER 2005 BLDG 96 SAMPLING EVENT.

3) CONTOUR INTERVAL IS AS SHOWN.

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

BROOKHAVEN NATIONAL LABORATORY

EWMS DIVISION

TITLE:

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

2005 BNL GROUNDWATER STATUS REPORT

DWN:	VT:HZ.:	DATE:	PROJECT NO.:
AJZ	2:3	06/15/06	–
CHKD:	APPD:	REV.:	NOTES:
JEB	WRD	–	–
FIGURE NO.:			
3.2.2–3			

\\OERNT\GIS\GW_PROJECTS\CY_2005_GW_REPORT\FINAL_DRAFT_FIGURES\FIG_3.02.02-03.DWG