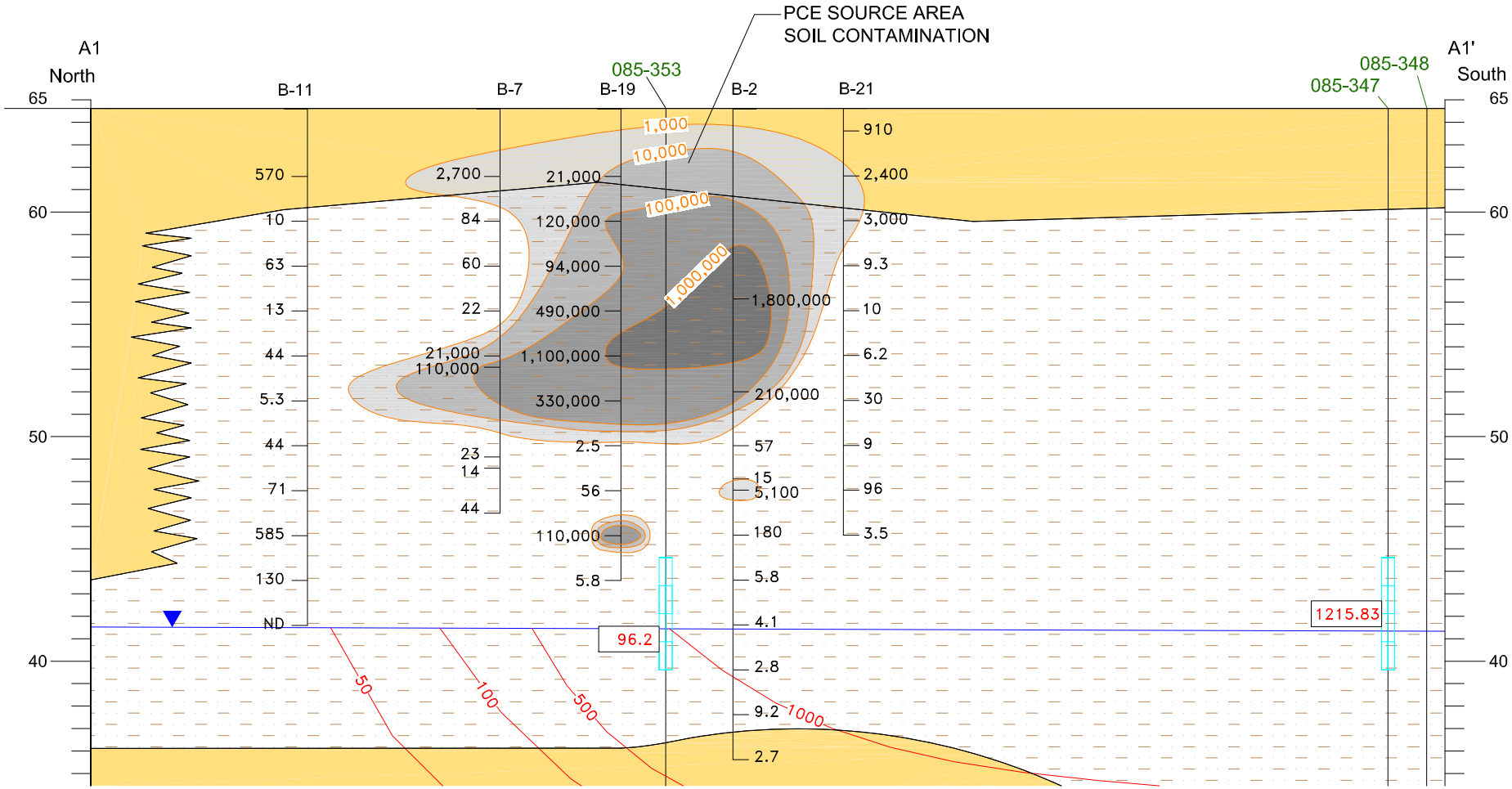

LEGEND

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.

Isoconcentration Contour representing line of equal PCE concentration in (µg/kg) in soil.

095-85 BNL Monitoring Well ID

104.94 TVOC Concentration (µg/L) in Groundwater

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

B-11 .57 .38 Soil Borings with PCE results (µg/kg)

Monitoring Well Screen

Water Table As Of November 17–21, 2008

TVOC – Total Volatile Organic Compound

µg/kg – Micrograms Per Kilogram

PCE – Tetrachloroethylene

HORIZONTAL SCALE

0 15 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 2008 SOIL BORINGS.

2) GROUNDWATER PLUME DISTRIBUTION BASED ON THIRD AND FOURTH QUARTER 2008 BLDG 96 SAMPLING EVENT.

3) CONTOUR INTERVAL IS AS SHOWN.

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

\\OERNT\GIS\GW_PROJECTS\CY_2008_GW_REPORT\FINAL_FIGURES\FIG_3-02-02-07.DWG

BROOKHAVEN NATIONAL LABORATORY

ENVIRONMENTAL PROTECTION DIVISION

TITLE:

OU III BUILDING 96 AREA
HYDROGEOLOGIC CROSS SECTION (A1–A1')

2008 BNL GROUNDWATER STATUS REPORT

DWN: AJZ	VT:HZ.: 1.5:1	DATE: 06/12/09	PROJECT NO.: –
CHKD: JEB	APPD: WRD	REV.: –	NOTES: –
FIGURE NO.: 3.2.2–2			