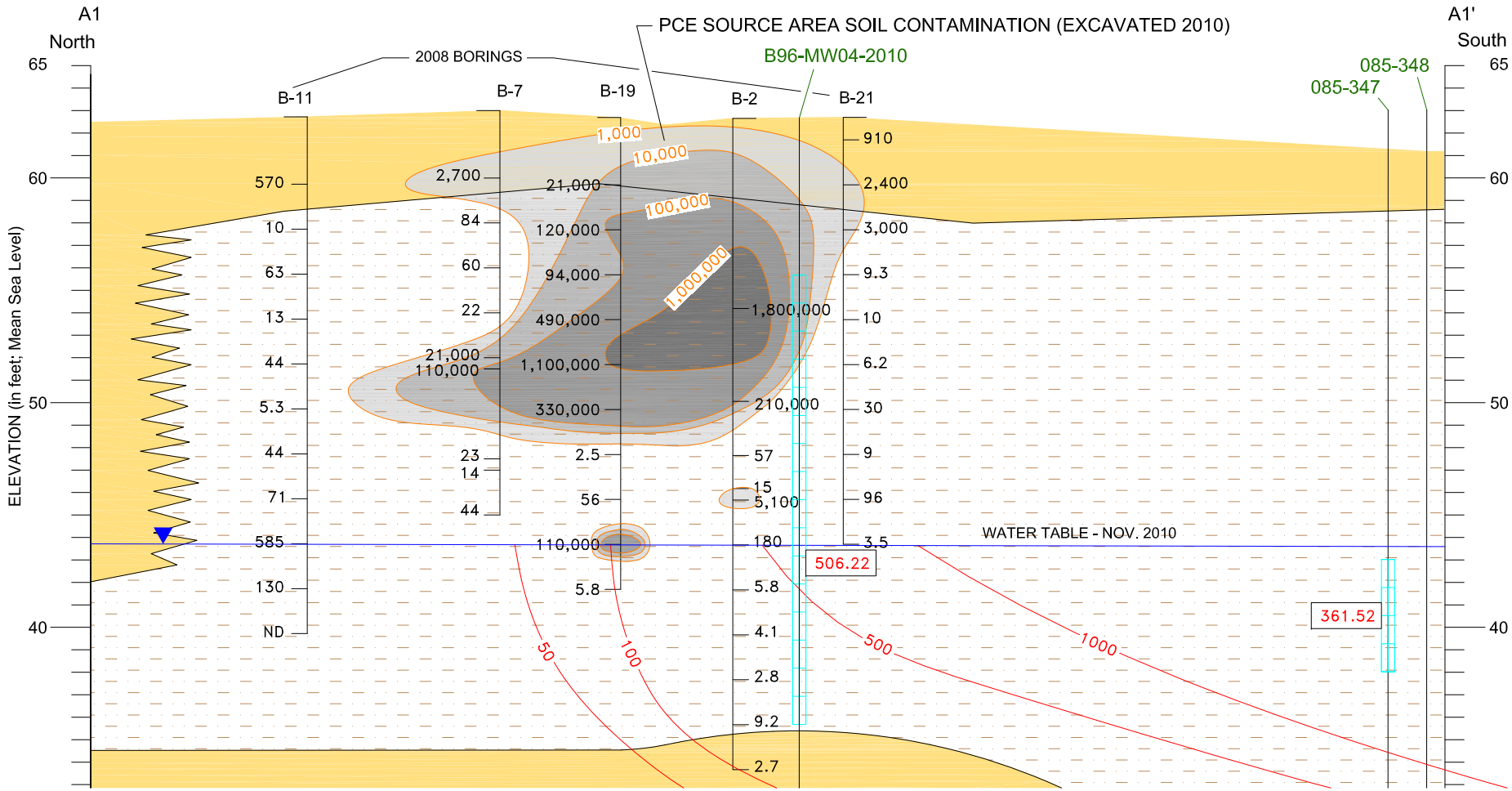

LEGEND

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, based on 2008 borings.

095-85 — BNL Monitoring Well ID

506.22 — TVOC Concentration (µg/L) in Groundwater – 2010

50 — TVOC Contour (µg/L) 2010 (Dashed Where Inferred)

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

Monitoring Well Screen

Water Table, date noted

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, NOV. 2004 AND SUPPLEMENTED WITH GEOLOGIC DATA FROM 2008 SOIL BORINGS.

2) GROUNDWATER PLUME DISTRIBUTION BASED ON THIRD AND FOURTH QUARTER 2010 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_2009_GW_REPORT\FINAL_FIGURES\FIG_3-02-02-02.DWG

BROOKHAVEN NATIONAL LABORATORY

ENVIRONMENTAL PROTECTION DIVISION

TITLE:

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

2010 BNL GROUNDWATER STATUS REPORT

DWN: AJZ	VT:HZ.: 1.5:1	DATE: 06/30/11	PROJECT NO.: –
CHKD: JEB	APPD: WRD	REV.: –	NOTES: –
FIGURE NO.: 3.2.2–2			