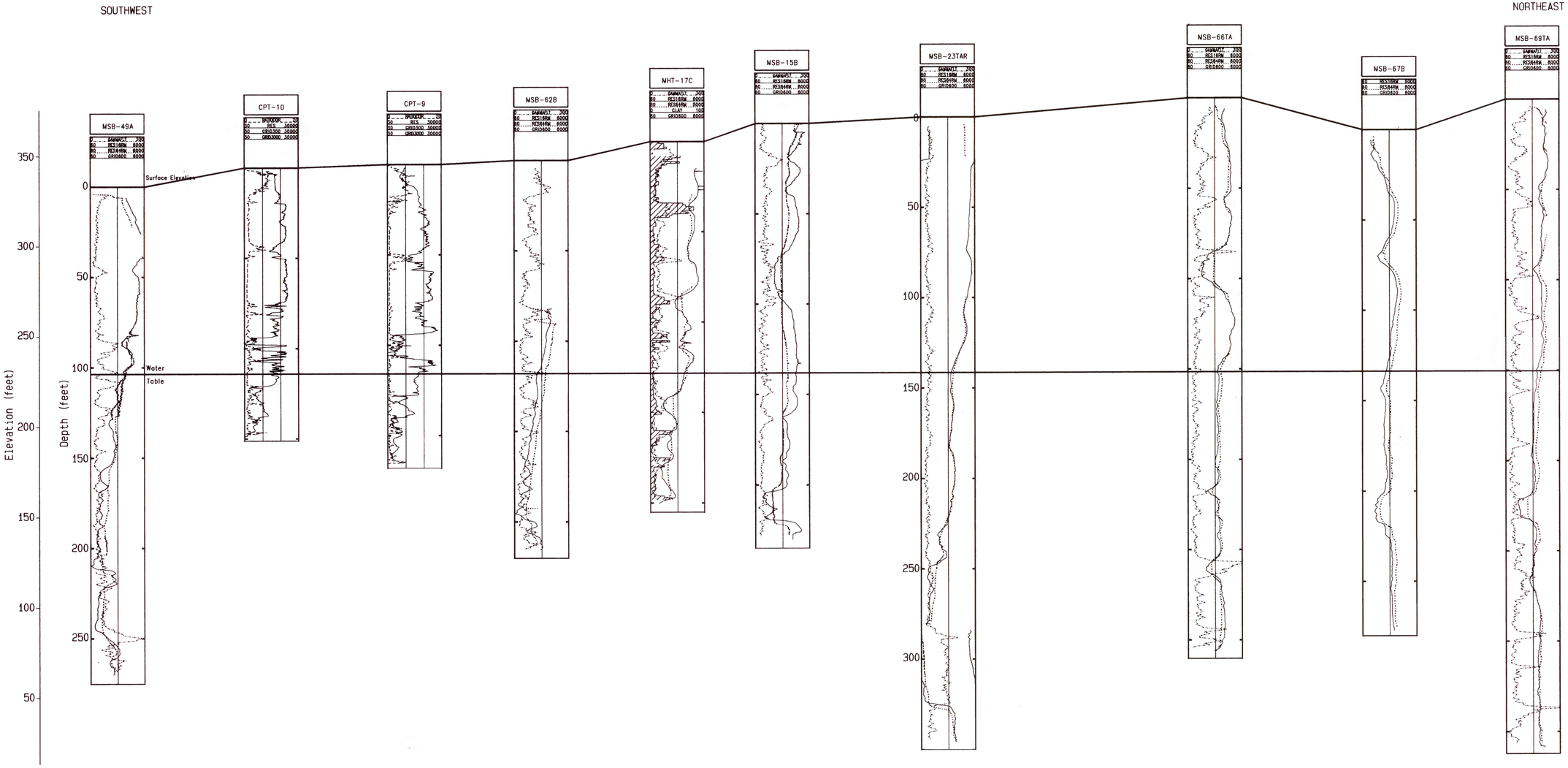
WELLS AND PENETRATIONS ALONG SOUTHWEST-NORTHEAST SECTION THROUGH M-AREA SETTLING BASIN



GEOPHYSICAL AND CONE PENETROMETER LOGS
SAVANNAH RIVER SITE, A/M AREA

Compiled by Philip H. Nelson and Joyce E. Kibler
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Depth Scale: 20 feet per inch.
Depth ticks are referenced to surface for each well.
Horizontal Scale: 400 feet per inch.
Horizontal spacing is proportional to actual well spacing, projected to section.

Cone penetrometer logs acquired by Applied Research Associates, 1992.
Geophysical logs acquired by Graves and Grayco, 1988-1992.

Explanation of Curves, Cone Penetrometer Runs (CPT-)

RATIOCOR Ratio of sleeve stress to corrected tip stress (percent).
RES Resistivity (ohm-m) from Wenner array with one-inch electrode spacings.

Explanation of Curves, Geophysical Logs (MSB- and MHT-)

GAMMAFLT Gamma-ray smoothed over 11 samples (1.1 feet).
CLAY Clay fraction from drilling samples.
RES_16RM Resistivity (ohm-m) from 16-inch normal array, corrected for borehole fluid.
RES_64RM Resistivity (ohm-m) from 64-inch normal array, corrected for borehole fluid.

Note: Resistivity scale for geophysical logs is 60-600-6000 ohm-m; resistivity scale for penetrometer log is 30-300-3000-30,000 ohm-m. Both are logarithmic.

Date Plotted: April, 1996

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