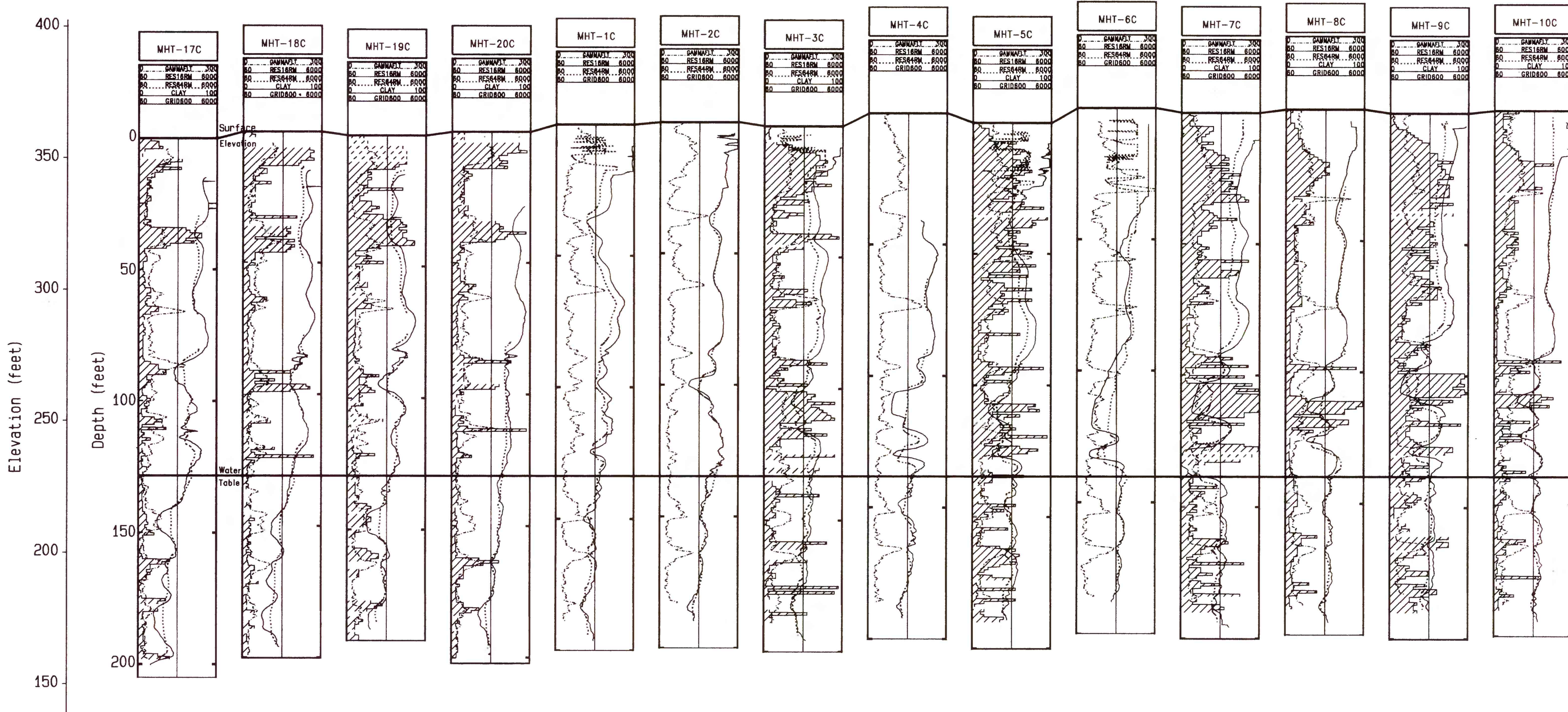


MHT-SERIES OF WELLS NORTH OF M-AREA SETTLING BASIN

SOUTHWEST

NORTHEAST



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

Compiled by Philip H. Nelson and Joyce E. Kibler
U.S. Geological Survey, Denver CO

Depth Scale: 20 feet per inch.
Depth ticks are referenced to surface for each well.
Horizontal Scale: Variable.

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.
RES16RM Resistivity (ohm-m) from 16-inch normal array,
corrected for borehole fluid.
RES64RM 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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