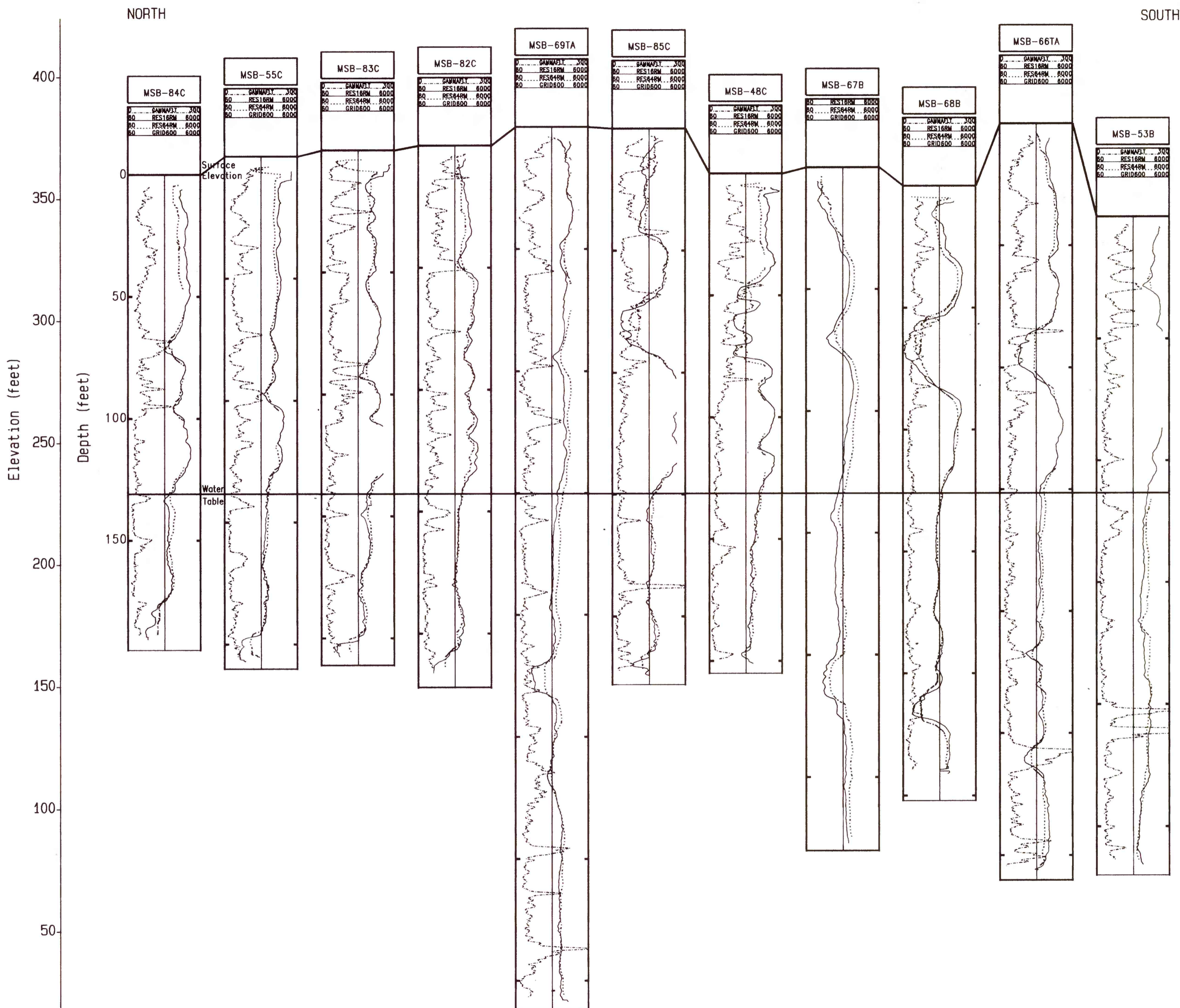


WELLS APPROXIMATELY ONE MILE NORTHEAST OF M-AREA SETTLING BASIN



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.  
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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