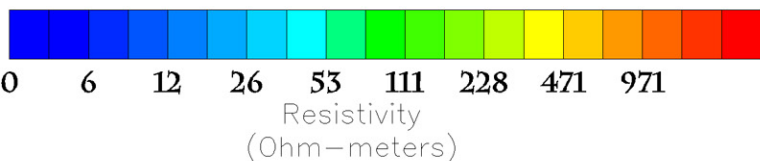
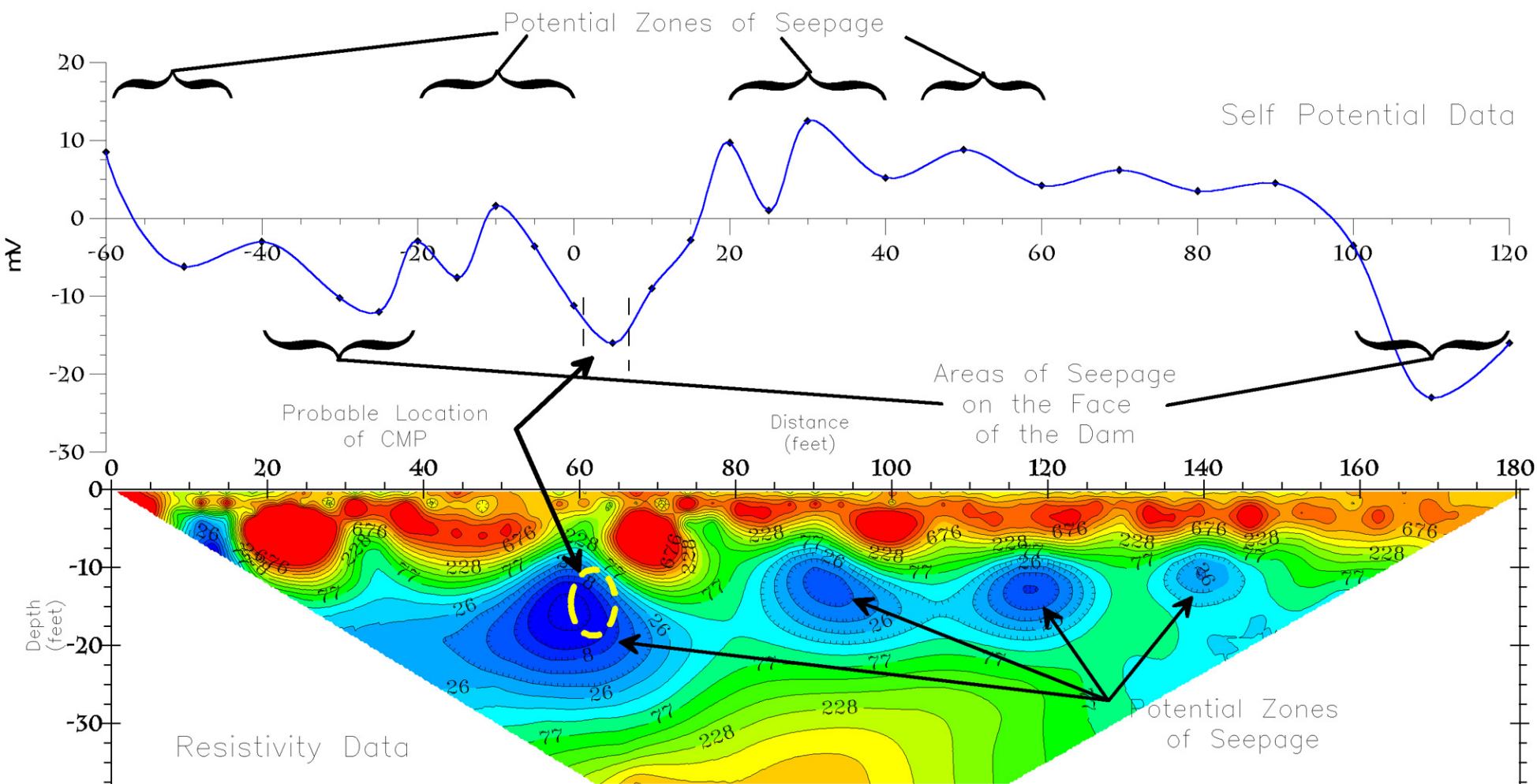


Resistivity Imaging and Spontaneous Potential (SP) Survey for Dam Investigation



Objective: To detect an old corrugated, 30" diameter 300' long metal pipe (CMP) buried at depth down to 57' within the dam structure

Survey site: Southern Maryland, USAI

Instrument: Sting/Swift automatic resistivity imaging system

Units: Feet and Ohmmeter

Courtesy of
Schnabel Engineering

A number of geophysical methods such as magnetometer, gravimeter, spontaneous potential (SP) and resistivity imaging were used. The SP and resistivity methods were the most successful at locating the pipe at depth. A total of 30 holes were drilled and only 6 of them missed the pipe.

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