

**PRELIMINARY INVESTIGATIONS OF DIRECT CURRENT DIPOLE –
DIPOLE RESISTIVITY SOUNDINGS AROUND MAHAPELESSA THERMAL SPRING, HAMBANTOTA
DISTRICT**

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The Highland – Vijayan boundary of eastern Sri Lanka is associated with a belt of thermal springs. The surface water temperatures of these springs range from 45 to 55⁰C and geochemical thermometers have indicated subsurface temperatures of 150 to 200⁰C.

Preliminary sounding of D.C. resistivity at Mahapelessa using a dipole – dipole electrode configuration of up to 0.8 Km dipole separations indicate a low resistive region south of the springs. It may be tentatively concluded that any existing subsurface hot water is within this region.