Eb-P005

Room: Poster

On usable frequency for EM transmission experiment from borehole electrodes at the Nojima fault

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Usable frequency for EM transmission down to the borehole electrodes is discussed based on the power transmission efficiencies. The electrodes are installed across the fractured zone at the Nojima fault. We estimate the transmission efficiency by using characteristic impedances of the cable and input impedances between electrode pairs. It is concluded that the usable frequency is between 100 kHz and 1 MHz.

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