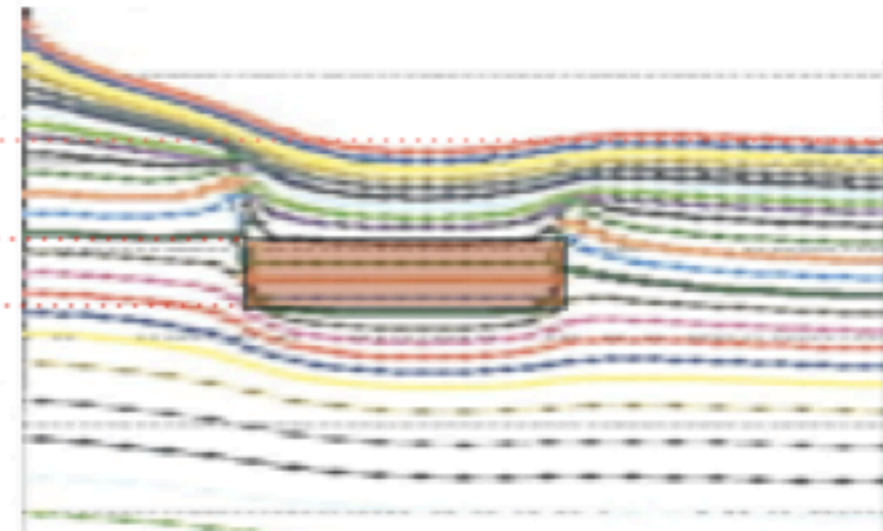
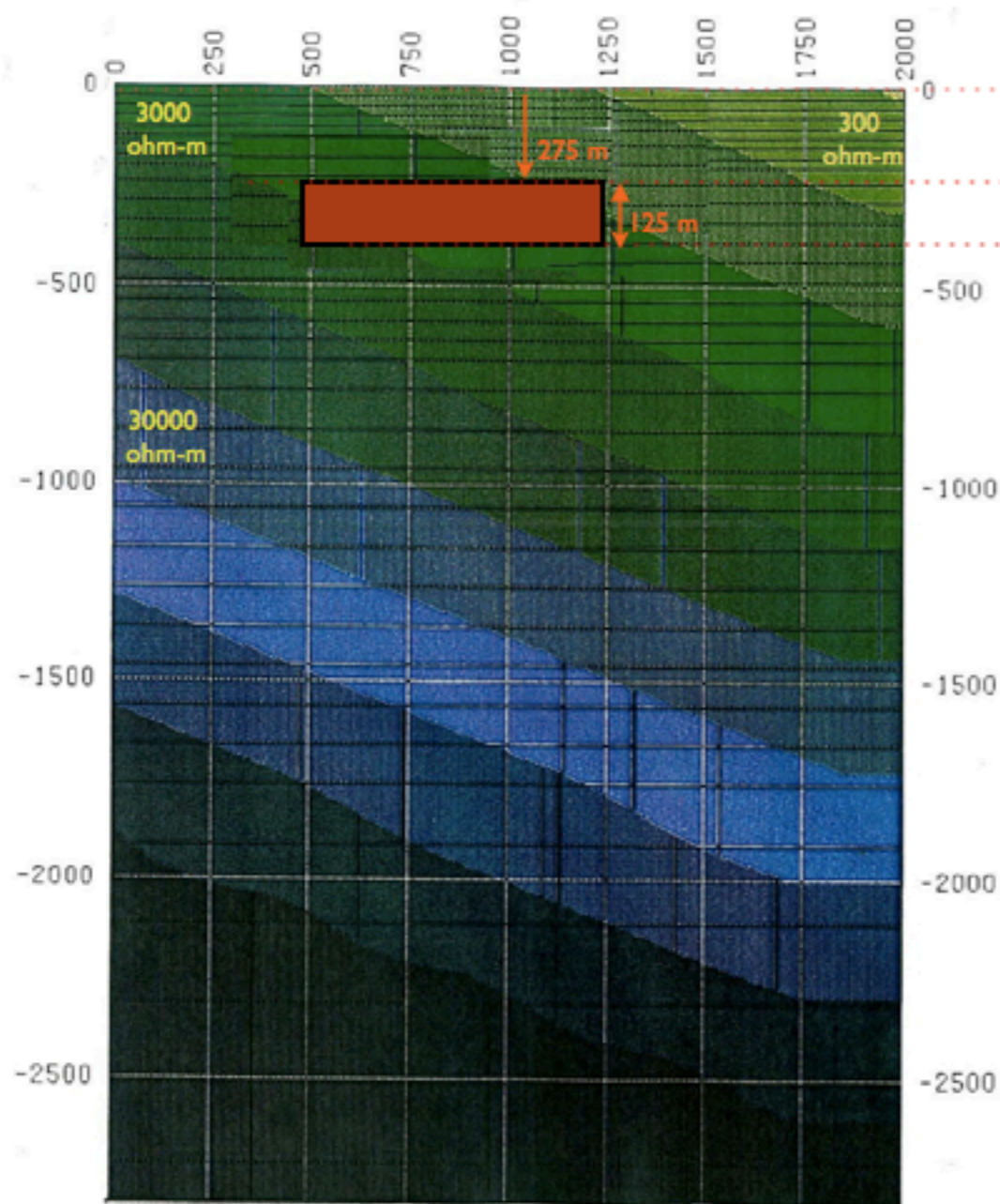


## ISR Modelling: A High Contrast Conductor



Left: A model of a flat lying conductor in a variably resistive background.

Above: The electric field in the ground at various depths is plotted at one time channel. The upper profile (red line) is the response that would be measured in an ISR survey. The electric field drops inside the conductor, resulting in an electric field low at the surface over the conductor of approximately 80%. The increased background resistivity to the left of the conductor results in the ISR high seen there.

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