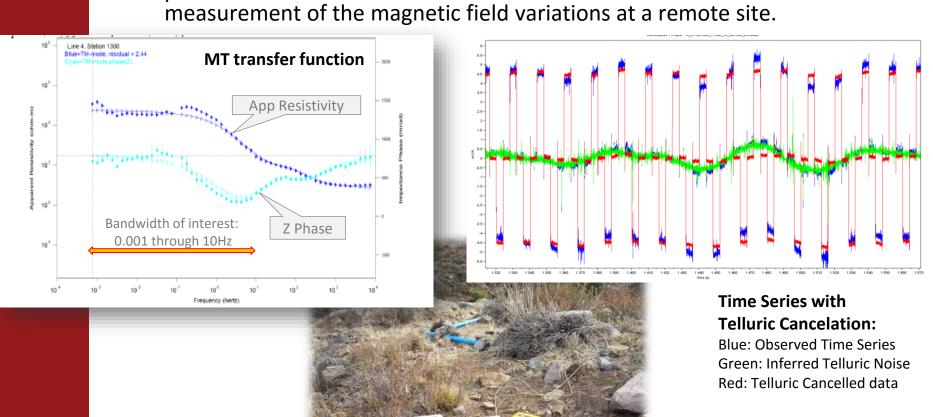
Telluric Cancellation

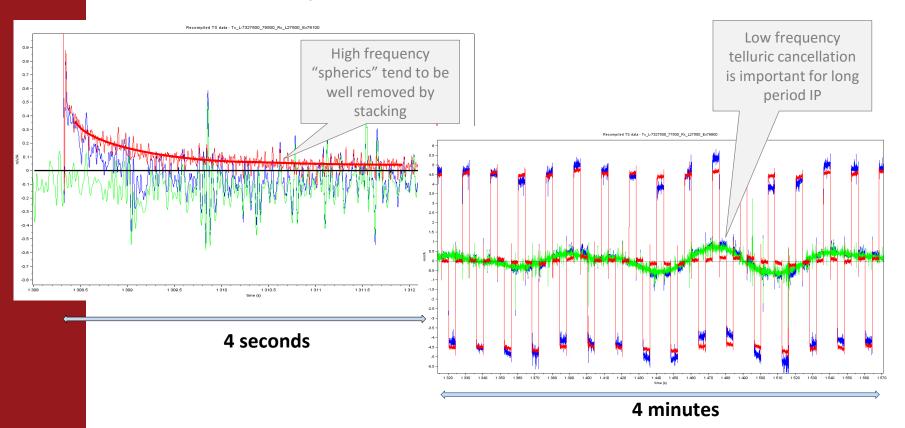
 Telluric cancellation usually uses a method in which Magneto-Telluric data acquired at each station provides a transfer function which permits the inference of the Electric field at that site to be drawn from measurement of the magnetic field variations at a remote site.



Remote Reference MT site

Telluric Cancelation

- The improvement achieved with telluric cancellation depends on the relative signal strength and the proportion of the noise arising from telluric signals.
 - If electrode noise is very strong for example the process may have only limited impact.



IP decay time constants

Telluric cancelation aims to improve data quality and may have vital application in surveying for very long time constant IP signals. IP is often thought of as a capacitive effect but the time constants tend to indicate a much slower chemical reaction source

