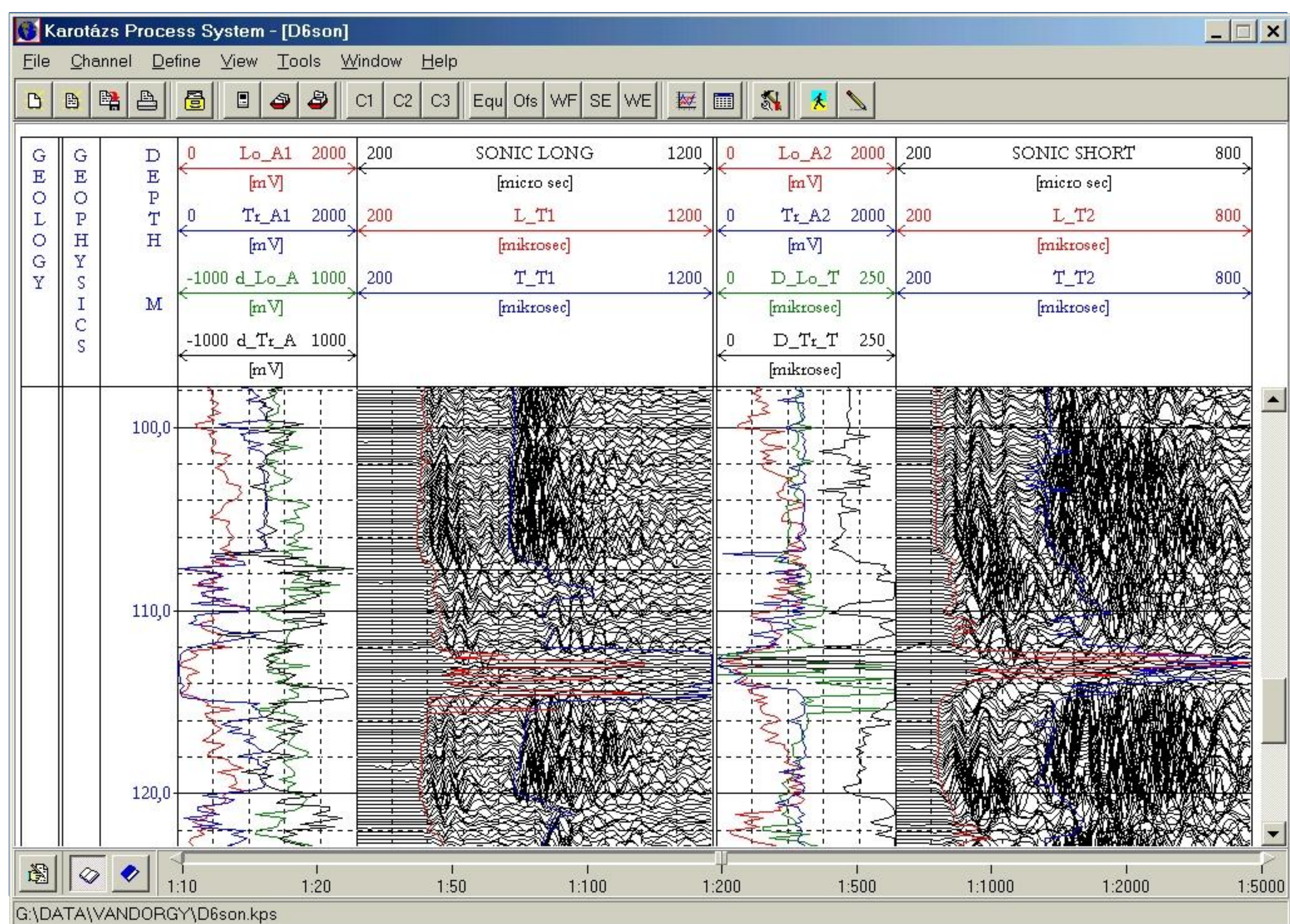


**KAROTÁZS Well-logging, Research, Technical and Trade Ltd.** was established in 1995 by former employees of the Mecsek Ore Mining Company. The staff has broad experience in underground exploration. In the last years several modern instruments were purchased and developed, financially supported by the EU and OMFB.

**Our services:**

Well-logging for well construction, condition assessments, dynamic well testing

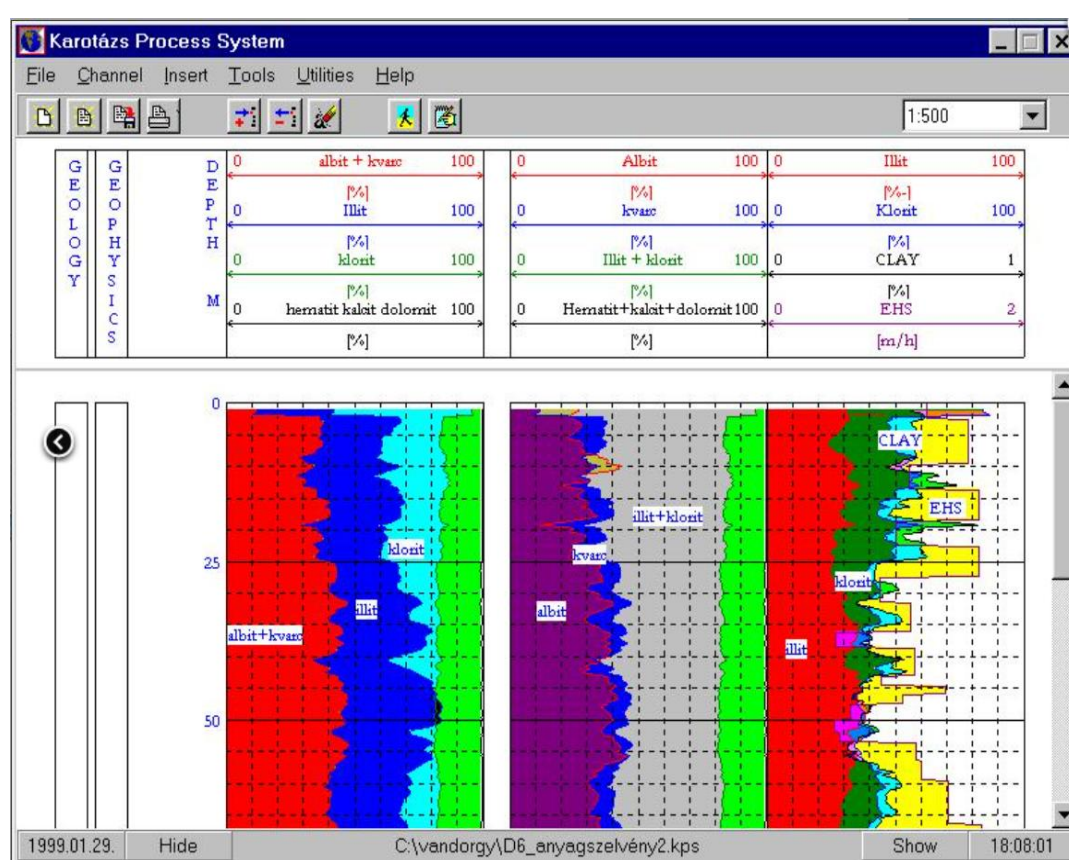
Borehole logging for mineralogical purposes, geological prospecting, water and environmental protection measurements



### Research and development

The PCKarotazs equipment is a universal, PC-based surface recording unit, which was constructed using exclusively own developments. The measuring and processing software is also self-created. PCKarotazs is able to function with amplex, acoustic and resistivity probes, digital and impedance measuring units.

Products: borehole probes, winches, accessoires, surface units and software.



Besides the daily routine work, we managed to accomplish several competitions successfully and we have developed new measuring equipments and techniques. R&D activity is continuous in the life of our company. Our self-developed equipments are: surface recording unit for well-logging, complex installation of well-logging equipments, gamma probe for total or spectral (active or passive) measurements, borehole camera conductivity (IP, SIP) measurement unit developed for climate change research, data loggers for data acquisition with 8/64/128 channels.

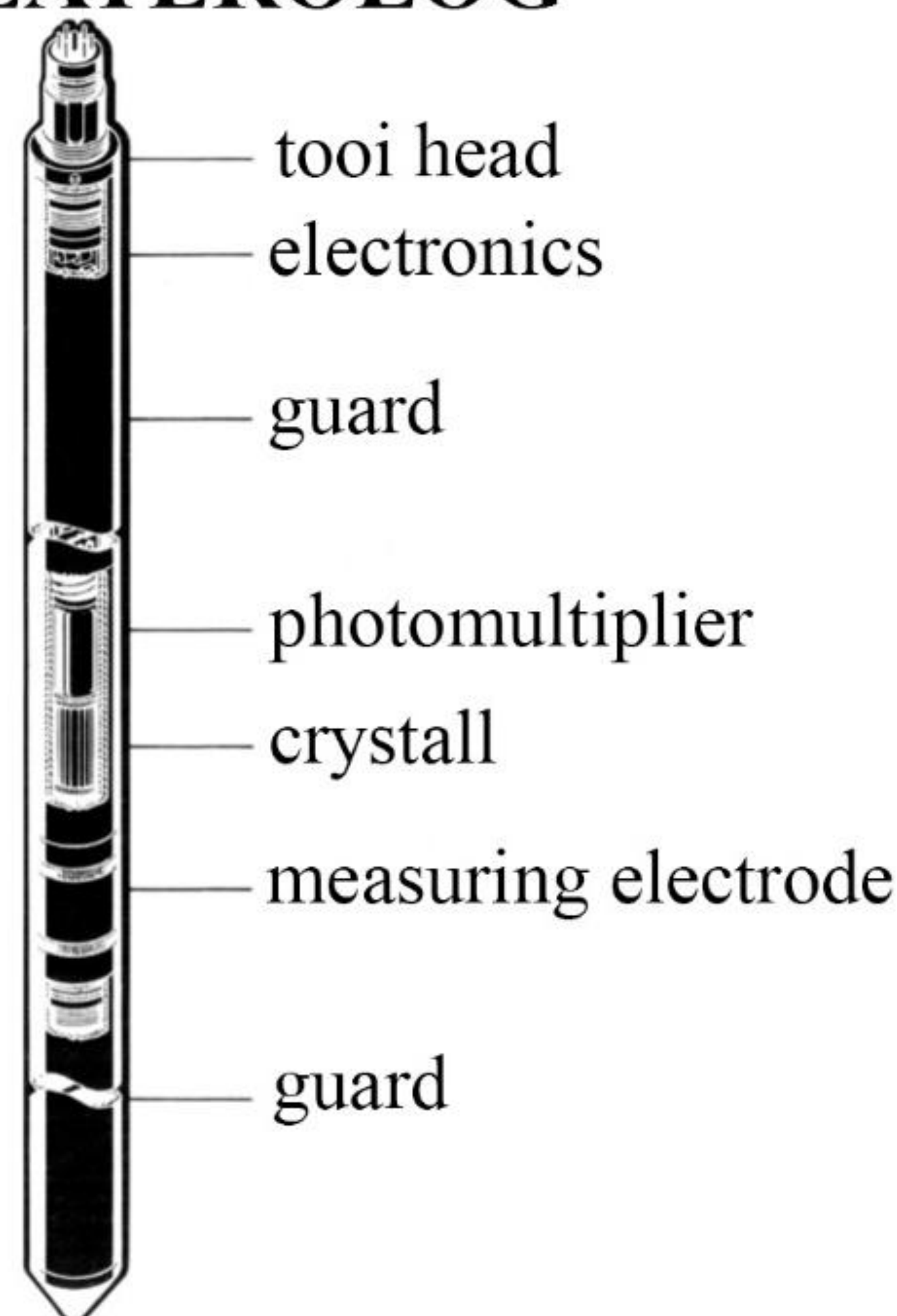
We think that is important to publish our activity and developments – so we are regularly attending international conferences.

Possible applications:

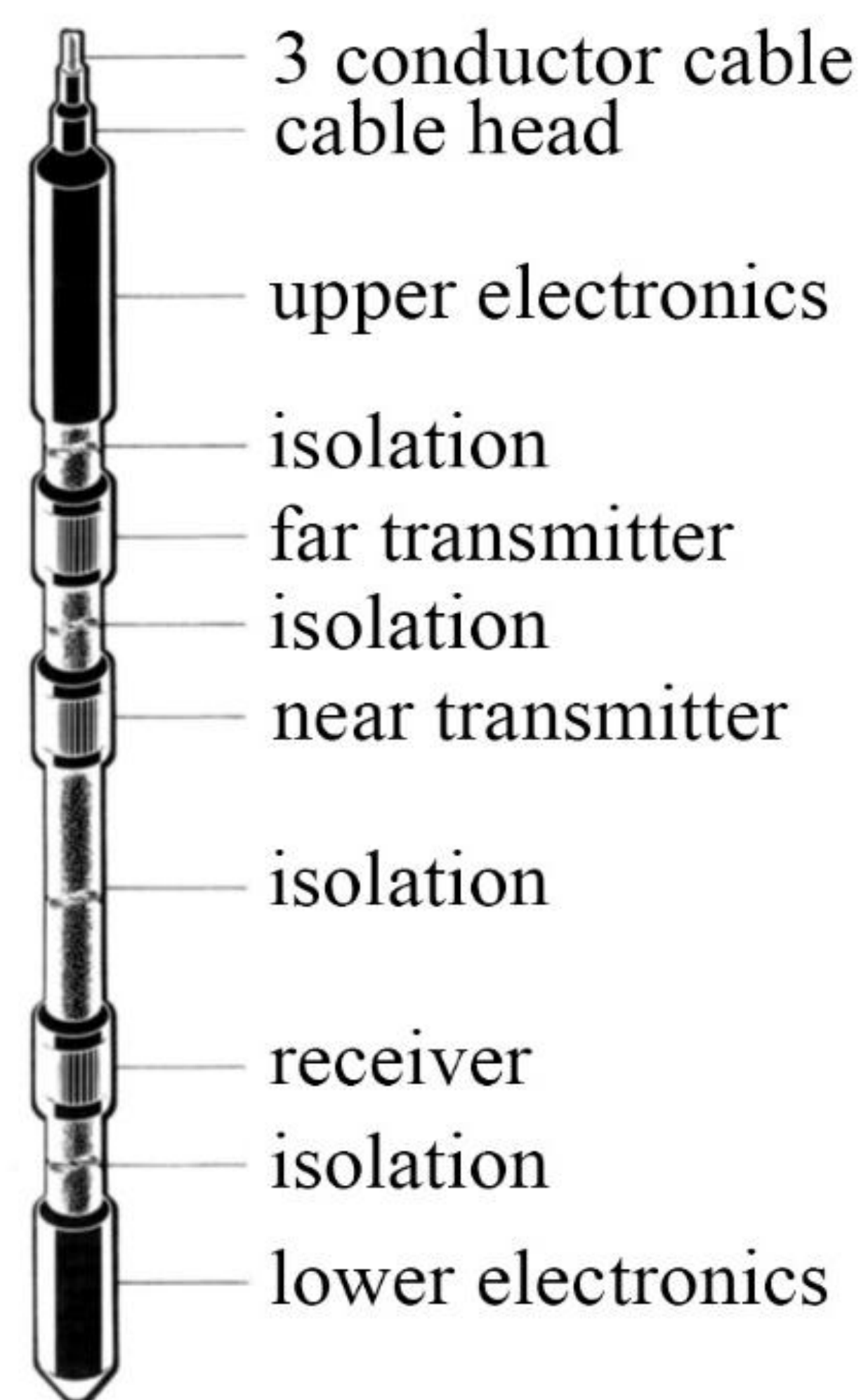
- FFT spectrum measurement for the analysis of nonlinearity and intermodulation of environmental noise or measured material
- electrical impedance tomography (EIT): non-invasive 2D, 3D, 4D imaging technique used for technical engineering in several occurrences
- electrical impedance spectroscopy (EIS): non-invasive spectroscopy technique that provides the possibility for sample measurement and/or process characterization by recording the impedance spectrum

Contact: [posta@karotazs.hu](mailto:posta@karotazs.hu)

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[www.karotazs.hu](http://www.karotazs.hu)