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Surface geophysics ♦ Airborne geophysics ♦ Well logging
♦ Map creation and GIS ♦ Geology ♦ License areas

Electrical method ♦ Gamma-ray methods ♦ Radon exploration
Magnetic method ♦ Gravity method ♦ Elektromagnetic method

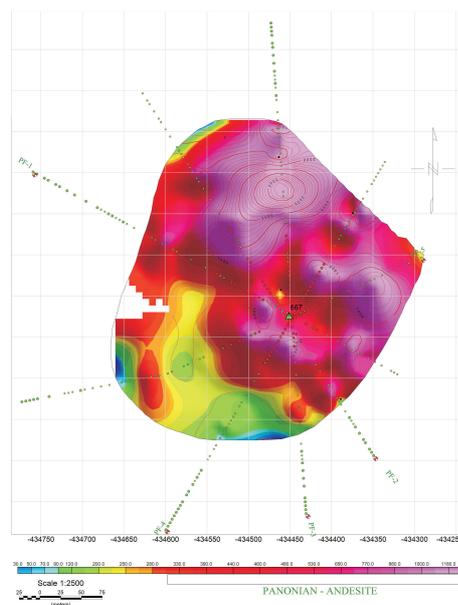
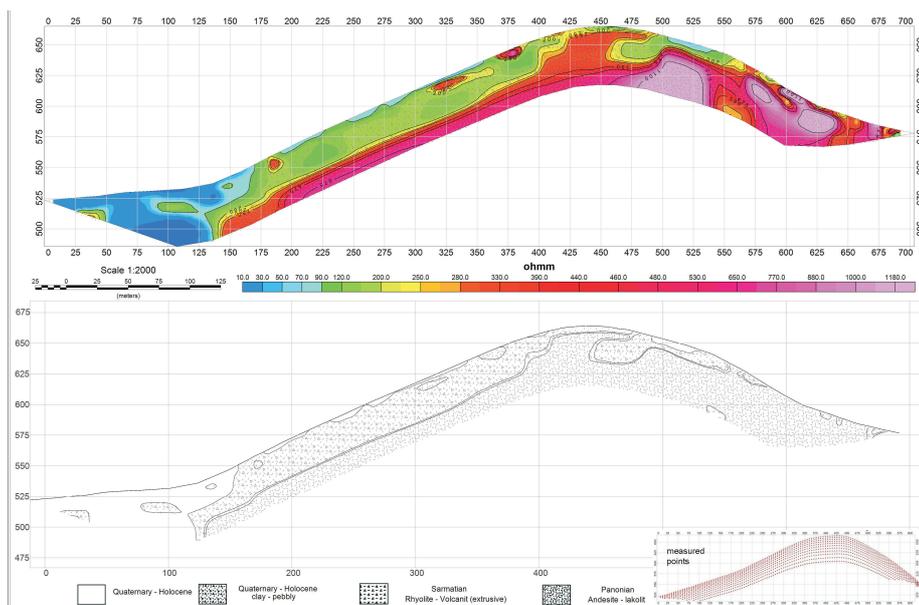
Resistivity Imaging - Multi-Electrode Cable

To the most used electrical methods belong resistivity imaging. Resistivity imaging is high-effective method for solving problems of earth crust composition up to 60-70 m depth. This method appeared together with computer development in beginning of 90`s. Resistivity imaging allows measurements with high density of measure stations. The measurement density depend on the goal of investigation, profile is with higher density more detailed.

Rock resistivity is different by different rock types and different geological, hydro geological, lithological or porosity conditions. Based on different resistivity values are in profiles geoelectrical layers earmarked. Earmarked layers represented different rock types, thickness, morphology or porosity.

KORAL offers service for followed applications:

Geological surveys, mineral prospecting, groundwater explorations, geotechnical investigations, monitoring of dams and dikes, environmental studies, pollution plumes mapping, archaeology, detecting of cavities, underwater, marine, borehole and cross-hole measurements.



▣ Izoohmic vertical section created by resistivity imaging method (multi-electrode cable) and it's geological interpretation.

▣ Horizontal interpretation of vertical izoohmic sections for choosen level.

▣ Preprocessing and data control in field.

▣ Field work with multi-electrode cable).



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