Please contact **Norbert Maerz** for details and costs.

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We have the Experience:
For more than 20 years, Missouri S&T faculty, post-doctoral staff, and students have acquired engineering geophysical data with the objectives of mapping subsurface geological features of interest and/or imaging man-made structures. The images we generate often enable engineering firms to make more informed and reliable decisions regarding construction, maintenance and/or mitigation. Our crews have extensive field experience in Missouri and adjacent states, and have also participated on several international archeological investigations, geotechnical engineering studies and water resource projects.

Our Capabilities:
Missouri S&T is home to a wide range of state-of-the-art imaging equipment and supporting processing and interpretational software. Our labs maintain the following imaging technologies: electrical resistivity tomography (land and marine), spontaneous potential, induced polarization, ground conductivity, ground penetrating radar (air-launched and ground-coupled), metal detectors (time-domain and frequency domain), shallow reflection seismic, refraction seismic (conventional and tomographic), multi-channel analyses of surface waves, refraction micro-tremor, sub-bottom profiling, side-scan sonar, echo-sounding, ultrasonic surface wave, and impact echo.

Applications:
- Imaging Sinkholes
- Mapping variable depth in-situ engineering properties of soil and rock
- Identifying probable seepage pathways through leaking dams and levees
- Locating and mapping buried utilities
- Locating abandoned underground storage tanks
- Archeological investigations
- Locating unmarked graves in historical cemetery
- Water resource investigations
- Environmental contamination
- Assess bridge decks
- Assessing pavements

No job too BIG or too Small, we are here to meet your specified needs!