



COMPANY PROFILE

Background: SubSurface Surveys & Associates, Inc an applied geophysical firm, was established in December of 2004 through the acquisition of Subsurface Surveys. SubSurface Surveys was founded in 1988, by Dr. Gary W. Crosby, PhD, GP, RG, who still continues to provide leadership and guidance to the everyday operations of the company. We are a privately owned small business specializing in geophysical data acquisition, processing, and interpretation in terms of real world geology.

Experience: Dr. Gary Crosby along with our principal geophysicist, Phil Walen, and our senior geophysicists Leopold Mairesse and Travis Crosby have a combined 120 years of experience in geophysical applications. *The company has extensive experience in shallow exploratory geophysics, such as fault and geologic hazard investigations, tank and utility detection, water projects and well sightings, blast and vibration monitoring, archeological investigations, spill and plume mapping, forensic investigations, bedrock rippability, ordanance locations, and landfill mapping.* Below is a table of our geophysical areas covered as well as our range of projects.

<u>GEOPHYSICAL AREAS COVERED</u>	<u>RANGE OF PROJECTS</u>
<ul style="list-style-type: none"> • Seismic Refraction, Reflection, Down-hole, Cross-hole • Telluric, Dipole-Dipole & other Electrical Methods • DC Resistivity Depth Sounding & Profiling • Ground Penetrating Radar (GPR) • Electromagnetic Induction (EM) • Very Low Frequency (VLF) • Spontaneous Potential (SP) • Ground Motion monitoring • Seismic Resonance profiling • Micro earthquakes • Magnetics • Gravity 	<ul style="list-style-type: none"> • Tank and Utility Location & Identification • Depth to Bedrock and Rippability Studies • Fault and Geologic Hazard Investigations • Archeological & Forensic Field Studies • Abandoned Oil/Water Well Locating • Rebar/Post-Tension Cable Mapping • Landfill Delineation and Imaging • Blast and Vibration Monitoring • Void Detection and Mapping • Water Projects & Well Siting • Geologic Structure Mapping • Spill and Plume Mapping • Resource Exploration • Site Period Analysis • UXO Location

We maintain a broad range of geophysical field instrumentation and equipment. In-house computing facilities include a wide variety of hardware and software for geophysical data processing, contouring, plotting and presentation.

SubSurface Surveys & Associates, Inc personnel are trained and experienced, state registered, OSHA certified, and insured. We welcome the opportunity to participate in our client's investigation, and are available to discuss geophysical application and limitations.