SubSurface Surveys & Associates, Inc., established in 1988, specializes in near-surface geophysics and utility locating services and is dedicated to establishing strong client relationships. SubSurface Survey’s extensive education and experience in implementing state-of-the-art techniques allows for a more comprehensive approach to solving complex problems through cost-effective means.

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RANGE OF PROJECTS

1. Environmental
- Utilities - locate/map
- USTs - delineate/detect
- BH and excav. clearance
- Spill and plume mapping
- UXO projects
- Oil/water well locating
- Back-filled excavation locating

2. Engineering & Construction
- Landfill delineation
- Rebar/post-tension cable
- Void detection
- USTs - delineate/detect
- Utilities - locate/map
- Vibration/blast monitor.

3. Archeological & Forensics
- Ancient burial locating
- Ancient burial dwelling & structure mapping
- Evidence Location
- On staff board certified medicolegal death investigator

4. Geologic Structure Mapping
- Fault zone delineation
- Bedrock fracture studies
- Channel deposit mapping
- Stratigraphic mapping
- Site period analysis
- Depth to bedrock studies
- Rippability studies
- Depth to ground water studies

PROJECT EXAMPLES

Geometrics 856 magnetometer data showing location of an Oil Wellhead.

Seismic refraction tomogram of a salt diapir in central Utah. Hot colors correspond to higher velocities, i.e., salt. Cool colors delineate shale.
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 Crosby, PhD, GP, and 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 Phil Walen, our principal geophysicist, Leopold Mairesse, our senior geophysicist and Travis Crosby, our senior geophysicist at SubSurface Surveys and Associates, Inc. has a combined 110 years of experience in geophysical applications. The company has extensive experience in shallow exploratory geophysics, such as fault and geological hazards investigations, tank and utility detection, water projects and well sightings, blast and vibration monitoring, archeological investigations, spill and plume mapping, forensic investigations, bedrock rippability, ordnance locations, and landfill mapping.

PRINCIPLES

Phil Walen  Chief Geophysicist
Leopold (Pol) Mairesse  Senior Geophysicist, VP
Travis Crosby  Senior Geophysicist, S
George Herman  Geophysicist, CFO
Gary Crosby  Contract Geophysicist

PERSONNEL

Bret Herman  Project Geophysicist, PM
Dan Matticks  Project Geophysicist, PM
Todd Barker  Chief Field Technician