SubSurface Surveys
& Associates, Inc.
An Applied Geophysical Company

STATEMENT OF QUALIFICATION

COMPANY INFORMATION AND BACKGROUND

INTRODUCTION

SubSurface Surveys, & Associates, Inc (SSS) established in 1988, is a privately owned small business specializing in near-surface geophysics and utility locating services and is dedicated to establishing strong client relationships. SSS 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.

Depth to Bedrock Survey,
San Ysidro Mountains, San Diego County, California

GEOPHYSICAL SERVICES

SSS uses a variety of geophysical methods to solve engineering, geologic, environmental, forensic, geotechnical, construction and archeology problems. Geophysical techniques include: electro-magnetic, magnetic, electrical, ground penetrating radar, seismic, and gravity.

SSS has extensive experience in shallow exploratory geophysics, such as fault and geologic hazard investigations, underground storage tank and utility delineation and mapping, water projects and well sightings, blast and vibration monitoring, archeological and forensic investigations, spill and plume mapping, depth to bedrock and bedrock rippability surveys, unexploded ordnance map-ping, land-fill delineation and characterization.

GEOPHYSICAL EXPERIENCE

Below is a sample of the varied projects in which SSS has been involved.

- Characterization and mapping of two landfills in the municipality of Acapulco, Mexico.
- Detection and mapping of lava tubes in Hilo, Hawaii.
- Utility detection at the Sand Island Naval Air Facility on Midway Island
- Mapping of faults, stratigraphic lensing, and water tables at the EPC Bakersfield Landfill, Bakersfield, CA
- Water Well Sighting, Sycuan Casino, San Diego, CA
- Extensive utility and borehole clearances at military bases such as MCB Camp Pendleton, NAS North Island, etc.
- Seismic rippability surveys along the US/Mexican border.
- Underground storage tank detection and delineation at the Old Air Fields in Del Mar, CA
- Inventory of groundwater stored within 3000 square miles in the Mojave River Basin.
- Measure compressional and shear wave velocity of subsurface soils to be used for foundation designs in Pointe-A-Pierre, Trinidad

Salt Diapir Delineation,
Redmond, Utah

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COMPANY PERSONNEL

GEOPHYSICAL STAFF

Phil Walen, GP: Phil is a California State Registered Geophysicist with over 30 years experience in the industry. He is responsible for survey design, data acquisition, interpretation, and computer modeling for engineering and environmental projects. Phil has also developed proprietary geophysical software used in data analysis and interpretation which is distributed worldwide.

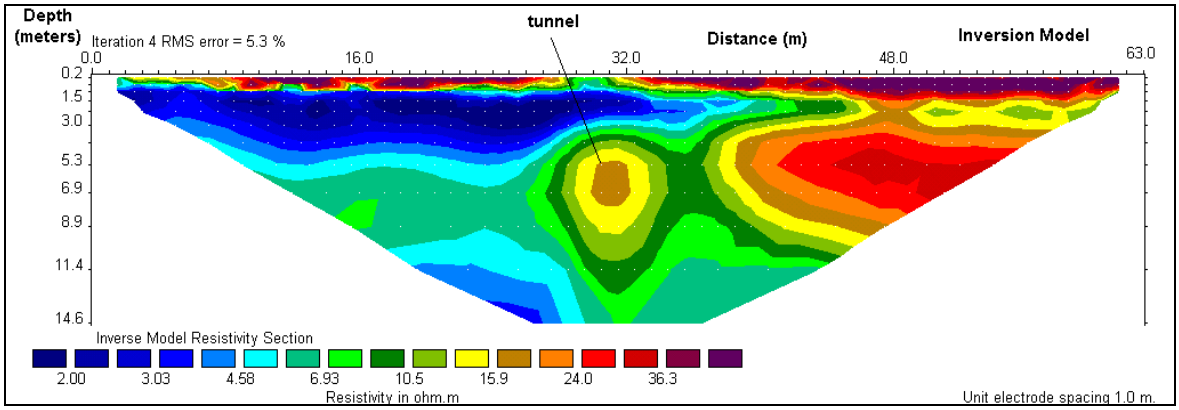
Travis Crosby, GP: Travis is a California State Registered Geophysicist with over 20 years experience in the industry. Travis has acquired his B.S. and M.S. degrees in Geophysics. Travis is responsible for survey design, data acquisition, interpretation and computer modeling for engineering and environmental projects.

George Herman: George has 12 years experience in the industry. George has a Bachelor's degree in Geology with a specialization in GIS technologies. He is responsible for survey design, data acquisition, interpretation and computer modeling for engineering and environmental projects. He also handles the fiscal responsibilities for Subsurface Surveys.

Bret Herman: Bret has 6 years of experience in the industry. Bret graduated from the State University of New York at Buffalo with a Bachelor's degree in Business with a minor in math. Since coming aboard SubSurface Surveys, he has been extensively trained on using and interpreting data collected with ground penetrating radar, electromagnetic, magnetic, and line tracing instruments. He is responsible for survey design, data acquisition, interpretation and computer modeling for engineering and environmental projects. In addition, Bret handles the accounts receivables.

Daniel L. Matticks: Daniel acquired a Bachelor's degree in Public Administration with emphasis in Criminal Justice in 1990 and a Master's Degree in Forensic Sciences in 1993. Since coming to Subsurface Surveys in 2006, Dan has used his expertise to help expand our forensic geophysics department. Dan has been extensively trained on using and interpreting data collected with ground penetrating radar, electromagnetic, magnetic, and line tracing instruments. He is responsible for survey design, data acquisition, interpretation and computer modeling for engineering and environmental projects.

Todd Barker: Todd Barker has a bachelor's degree with an emphasis in business. Todd is the chief field technician for SubSurface Surveys. Todd has been extensively trained on using and interpreting data collected with ground penetrating radar, electromagnetic, magnetic, and line tracing instruments. He is responsible for survey design, data acquisition, interpretation and computer modeling for engineering and environmental projects.



Two-dimensional cross section from a dipole-dipole array. The objective of the survey was to locate and delineate the existence of a tunnel. The "hotter" colors represent more resistive properties.

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ADDITIONAL COMPANY INFORMATION

CLIENT LISTINGS

Recent Clients Include:

- AECOM
- AMEC Earth & Environmental
- AMEC Geomatrix
- AEI
- American Integrated
- BergElectric
- Bureau Veritas
- CH2M Hill
- Conestoga-Rovers & Associates, Inc
- Delta Consultants
- DPR, Inc.
- Dudek
- EEI
- Environmental Resolutions, Inc.
- ETIC
- GEI Consultants, Inc
- GeoEngineers
- GeoLabs
- Geosyntec Consultants, Inc.
- Geotrans, Inc.
- Kleinfelder
- Leighton Group
- Methane Specialists
- Ninyo & Moore
- Parsons
- Partner Engineering & Science, Inc.
- Petra Geotechnical
- PSI
- Remediation Sciences
- SAIC
- Shannon & Wilson
- Shaw Group
- The Source Group
- Stanek Construction
- Stantec
- Tetra Tech
- TRC Solutions, Inc.
- URS Corporation
- Wayne Perry
- Wiedlin & Associates, Inc.
- Xnergy

BUSINESS INFORMATION

Type of Business: S Corp., Certified Small Business

Taxpayer ID No: 56-2494604

Duns & Bradstreet No: 18-940-7919

NAISC Codes: 541360, 561990

Registrations: GP 917, GP 960, GP 1044

Certifications: OSHA 40-Hour training with annual 8-hour refreshers, LPS, Shell Work Safe, API, RSO, Defensive Driving course.

Insurance Coverage:

- WorkComp: $1,000,000.00 per occurrence
- General: $1,000,000/$2,000,000.00
- Auto: $2,000,000.00/$2,000,000.00
- Professional: $2,000,000.00/$2,000,000.00
- Umbrella: $4,000,000.00/$4,000,000.00

Pol downloading magnetic data into his field computer for onsite interpretation. Lancaster, CA