



**Greg Jones**  
Zonge Geosciences – Colorado  
Geophysicist  
Lakewood

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## EXPERIENCE RECORD

### **Zonge Geosciences Inc.**

2008-

#### **Geophysicist**

Currently employed as a geophysicist. His duties include acquisition, processing and interpretation of seismic, Magnetics and electromagnetic data. He has completed (from acquisition to final report) projects on wind-farm sites, road-construction sites, and sites requiring surface detection of contaminant plumes.

### **Vista GeoScience (formerly ESN)**

2007-2008

#### **Laboratory Manager**

Purchased new and used equipment for use in laboratory, performed diagnostics, and make necessary repairs to used equipment. Developed and optimized analytical methods. Set up workstations to maximize productivity.

Supervised a small crew to prepare and analyze samples for both exploration and environmental projects.

Prepared analytical and QA/QC reports for clients

### **ENVIROMENTAL SERVICE NETWORK (ESN)**

1998-2007

#### **Geophysicist\Chemist\Direct Push Operator**

Maintained, operated, and repaired both instruments and vehicles for a fleet of mobile environmental laboratories. Configured mobile lab instruments into the optimum setup for specific jobs, in order to meet the needs of clients.

Developed custom methods and SOP's for both environmental and exploration applications.

Used Gamma-ray logging equipment to identify and track lithologic layers and flow zones to track contamination in groundwater, or identify optimum depths for injection of remediation compounds, or to pinpoint radioactive contamination.

Conducted land gravity survey for oil exploration using traditional gravity equipment combined with a total station GPS unit.

Ran samples in fixed lab using gas chromatography, mass spectrometry, fluorescence spectrophotometer, ion chromatography, & atomic absorption for cold mercury vapor analysis.

Operated direct push drill rigs to collect soil, water, and vapor samples. Implemented remediation technologies including, air sparging, ORC/ HRC injection, as well as operation and repair of a frac trailer.

### **ROCKY MOUNTIAN AUTO BODY**

1996- 1998

Maintained and repaired a variety of shop equipment.

Designed finished and wired an addition to the shop for frame straitening equipment.

Supervised OSHA training and updated MSDS book to match inventory.

### **PARSONS ENGINEERING SCIENCE**

1991- 1995

#### **Geologist**

Prepared site assessment work plans, and health and safety plans.

Logged geology of soil borings from hollow stem auger rigs, and supervised installation of monitoring wells.

Developed streamlined data management and data validation procedures for low-cost risk-based remediation projects, used at several Air Force Bases.

Applications development for IRPIMS (Installation Restoration Program Information Management System) in Paradox to perform risk assessment calculations (95% Upper Confidence Level of the mean for both normal and lognormal distribution, determined by Wilks and Kolmogorov tests, pooled t-test and Wilcoxin Rank-Sum comparison of means, and screening analysis, construction of custom databases for GIS systems.

Developed data extraction routine for RFEDS (Rocky Flats Environmental Database System) database. This application produced composite results for each sample and a detailed error analysis of the data.

Operation of XRF equipment as part of a field screening laboratory to characterize NPL landfills at Wright-Patterson Air Force Base in Dayton, Ohio.

**THE EMISSIONS PEOPLE**

1991

**Stack Sampler.**

Measured levels of particulate and mandated gases from smokestacks of power plants and portable asphalt plants, in Colorado and Illinois.

**HAZEN RESEARCH**

1991

**Engineering Technician**

Assembled and operated a fluidized bed reactor pilot plant to decontaminate soils from a Canadian oil refinery.

**CLASSIC WORK CONSTRUCTION**

1989-1991

**Independent Subcontractor**

Performed contract labor for roofing, framing, and concrete flatwork projects.

**EXPLORATION DATA CONSULTANTS**

1988-1989

**Marine Gravity Operator**

Conducted offshore gravity and magnetic surveys to determine composition of strata revealed by seismic exploration. Operated offshore gravity and magnetic survey equipment in the Arctic, India and the Western United States.

**BARRINGER GEOSERVICES**

1987-1988

**Laboratory Technician**

Trained and supervised a crew of five to run equipment and prepare rock and soil samples for laboratory analysis.

**EDUCATION AND TRAINING**

Colorado School of Mines, Golden, Colorado

BS in Geophysical Engineering with minor in Electrical Engineering, 1987

Graduate work in Environmental Engineering at the University of Colorado in Boulder, Colorado 1989-1990. Courses included fluid mechanics applied hydrology, open channel hydraulics, numeric methods, groundwater hydrology, surface water modeling, groundwater modeling, and flow through porous media.

OSHA 40-hour health and safety training for work at hazardous waste sites with annual 8-hour refreshers

OSHA 8-hour supervisor training for work at hazardous waste sites

RAD worker II training at Rocky Flats and Sandia Laboratory

Skilled with many software packages including; Microsoft Office, MapInfo, and Surfer and familiar with several others

Electrical and mechanical diagnosis and repair of various laboratory and field equipment

**References available upon request**