



John R. Rupp
Zonge Geosciences – Colorado
Geophysical Trainee
Lakewood

EXPERIENCE

Zonge Geosciences, Geophysical Trainee (May 2008- Current)

- **Geophysical Investigations**
 - Currently employed as a Geophysical trainee. His duties include field data acquisition, instrument repair, and preliminary data processing. Since being employed by Zonge he has collected and analyzed electromagnetic data for UXO investigations and collected seismic refraction data under difficult circumstances. He is currently assisting in instrument design.

ENSR, Staff Geologist/Geophysicist, Westford, MA (June 2005- September 2006)

- **Geophysical Investigations**
 - Head on-site geophysicist for geophysical investigation searching for unexploded ordinance for a confidential client in NJ. Led one field team in conducting data collection with EM-61. Performed all calibration of equipment and data processing for two field team EM-61 units. Generated maps with dig lists of 80-acre site showing anomalies found during the investigation.
 - Ground Penetrating Radar (GPR) projects searching for known and unknown underground storage tanks and to clear borehole locations for utilities before drilling utilizing GSSI SIR Radar Units.
- **Environmental Investigations**
 - Conducted Phase I ESAs at commercial, agricultural and industrial facilities. Phase I research included development of the history of the clients' site(s) using aerial photos, city directories, Sanborn fire maps, interviews with site owners, state and federal records.
 - Conducted Phase II ESA investigations by installing groundwater monitoring wells and collection of soil at depth to determine where and at what depths there is possible contamination on the site property. Worked with geo-probes, hollow stem augers, air rotary drilling and vacuum excavation at a major power generating facility.
 - Part of team that installed a remediation system at state highway maintenance facility, which included 80 monitoring wells connected to a central vacuum system via pvc network to extract gasoline vapors.
 - Performed soil gas investigations at gas stations in Puerto Rico. Traveled throughout Puerto Rico to clients' gas stations and drilled to 1 meter and recorded gas readings looking for VOCs with a Mini Rae 2000 PID.

EDUCATION

St. Lawrence University, Canton, New York (2001-2005)

- B.S. Geology with Departmental Honors
- *St. Lawrence University Fellow*, Summer 2004
 - 1 of 30 students to receive \$3,500 research fellowship for senior thesis
- Senior Thesis, "*Subsurface Investigation of the Structure and Stratification of a Peatland, Gale, New York*"
 - Ground Penetrating Radar survey of Massawepie Mire, Gale, New York.
 - Design of backpack and sled system to carry equipment on back or behind a snowmobile.
 - Publication, **J.R. Rupp**, J.L. Davis, S.D. Robinson, (2005), Subsurface Investigation of the Internal Architecture of Massawepie Esker-Mire Complex, Gale, New York, *Eos Trans, AGU*, 86(18), Jt. Assem. Suppl., Abstract NS23B-10.
 - Combined thesis poster presentation at the American Geophysical Unions Joint Assembly, May 2005.
- Two week field camp studying the geomorphology of South Central Alaska.

OSHA

- OSHA 40-Hour Hazardous Waste Operations and Emergency Response, 2005.
- OSHA Annual 8-Hour HAZWOPER Refresher, 2006

- **OSHA Annual 8-Hour HAZWOPER Refresher 2008**

ADDITIONAL ACHIEVEMENTS

- First Mate on the Sailing Vessel Heretic global circumnavigation leg 1 (2006-2007).

REFERENCES

- References available upon request