



SJ Geophysics Ltd.

S.J.V. Consultants Ltd.



EMPLOYMENT OPPORTUNITY: GIS Technician

SJ Geophysics Ltd. is a world-renowned geophysical consulting firm based in Delta, BC. We are seeking a self-directed and talented **GIS Technician** to assist with mapping and spatial data management for the Summer 2010 field season (approximately June – August 2010). The successful candidate will be dynamic, resourceful with integrity and enthusiasm.

Responsibilities

- Compile and manipulate spatial data from a variety of sources using commercial, open source and internal software packages.
- Utilize GRASS GIS for producing high quality maps and figures for interpretation by our geophysicists or delivery to our clients.
- Utilize a variety of scripts in a command line environment to improve workplace efficiency.
- Assist in the generation of 3D models for visualization in a 3D environment.
- Create KML files to assist with survey design and field logistics.
- Process geophysical data sets from a variety of survey techniques, including large and small loop EM, mag, IP/Resistivity and gravity.
- Assist with field geophysical surveys in remote locations around BC.

Qualifications/skills

- Strong background in Geographic Information Systems (GIS) required.
- Familiarity with GRASS GIS would be an asset.
- An understanding of cartographic elements and how to use them to produce visually appealing maps.
- Background in geology, geophysics or data processing would be beneficial.
- Computer experience and knowledge of bash scripts and Linux operating systems would be an asset.
- Strong organizational, interpersonal, motivational, problem solving and analytical skills.

Interested applicants are invited to send a cover letter and resume to John Lindner, Recruiting Manager (careers@sjgeophysics.com).

While we appreciate all applications, only those selected for an interview will be contacted.



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About SJ Geophysics Ltd.

SJ Geophysics Ltd. and S.J.V. Consultants Ltd. were established by Syd Visser in the early 1980s to provide the mineral exploration, environmental, engineering and oil and gas communities in Canada and around the world with a full range of geophysical consulting services.

Syd and his wife Joyce started in the basement of their Delta home with a few pieces of leased equipment and a list of phone numbers from Syd's prospecting days. The company has grown steadily over the past few years and we now have a new office in Delta and over 20 full-time employees spread around the world offering dozens of different surveys and providing geophysical consulting services.

Our field teams have conducted surveys in over 30 countries on 6 continents for over 100 clients, from the extreme cold north of the Arctic circle to the deserts of China and central Africa. Well known for excellence in fieldwork, geophysical consulting and project management, the company has established itself as a leading practitioner of 3D induced polarization field surveys and inversion methods.

Our current hardware and software research programs ensure we will continue to provide leading edge geophysical services to our clients for years to come. This on-going research and development includes a new digital receiver system, a geophysical data management software suite and a comprehensive integration and visualization of geological, geochemical and geophysical data.