



# Employment Opportunity

## GIS Technologist

### ABOUT US

Ts'elxwéyeqw are one of the tribes of the Stó:lō – People of the River – and are part of the broader Coast Salish collective. The Ts'elxwéyeqw are the First People of the Chilliwack River watershed in the Central Fraser Valley of southwestern British Columbia. The Halq'eméylem tribal name 'Ts'elxwéyeqw' is known in English as 'Chilliwack'.

Long before contact, there were strong First Nations peoples in a beautiful valley territory. These early peoples were the original members of the Ts'elxwéyeqw Tribe. The Territory is the ancestral home and spiritual realm of the Ts'elxwéyeqw communities with the original villages around Sxótsaqel Chilliwack Lake, in a portion of their traditional territory, which is today referred to as the Chilliwack River Valley. Evidence of thousands of years of continuous occupation by the Stó:lō and their ancestors is documented through a range of disciplines including oral history, written history, ethnography, and archaeology.

In the mid-18th century, with the creation of the Indian Act, the once strong and territory based First Nations, became seven Indian Act First Nation communities. The modern-day bands that constitute the Ts'elxwéyeqw Tribe include: Āthelets (Aitchelitz), Sq'ewqéyl (Skowkale), Shxwhá:y, Th'ewá:li (Soowahlie), Sxwoyehálá (Squiala), Ch'íyáqtel (Tzeachten) and Yeqwyeqwí:ws (Yakweakwioose).

### OUR MISSION AND VALUES

We achieve strength, unity, and success by managing natural and cultural resources for the well-being of our people and our environment.

Our decisions and actions are driven by our six (6) core values:

**Unity** – Working and living as one Tribe.

**Harmony** – Between our people, environment, and economic development.

**Family** – Caring for our youth, neighbours, and future generations.

**Culture** – Preserving our language, history, practices, and traditional foods.

**Nature** – Managing our natural resources sustainably for the benefit of the Tribe.

**Respect** – For each other and for our environment.

### WHO YOU ARE

**YOU** are committed to being a team player, supporting the Forestry and TTML management team with organization spatial analysis, mapping, and maintenance of our digital information and with planning and silviculture by supporting permit applications, tracking of obligations, and field work activities.

**YOU** will demonstrate technical excellence with geospatial data integration tools and GIS software and be comfortable with handling large amounts of data.

**YOU** will have sound organizational skills and be able to report on different projects.

**YOU** are responsible to communicate with all levels of management, employees and clients to achieve desired results.

**YOU** will have a passion for sharing your strengths and abilities in pursuit of TTML Mission.

## Key Responsibilities/Accountabilities

The GIS Technologist position is responsible for the following key functions.

### Project Support

- GIS Support on TTML projects:
  - Drafting operational mapping includes cut block Road Construction, Site Plan, Harvest Plan, and Appraisal maps.
  - Liaising with departments to fully understand their project needs and recommend the data schema, workflow and expected outcomes.
  - Preparing maps, charts, diagrams, technical documents, user guides etc.
  - Designing, implementing, documenting, and maintaining geo-spatial data and geographic information systems and platform integration strategies.
  - Collecting, organizing, and maintaining GIS data related to TTML projects, including land use, topography, environmental factors, and infrastructure.
  - Contributing findings and analyses through reports, presentations, and visualizations to stakeholders and project teams.
- Maintenance of TTML geodatabase:
  - Ensuring data integrity, accuracy, integrity, consistency and accessibility is maintained on mapping applications.
  - Managing and maintaining various databases, to ensure consistency of records.
  - Planning, monitoring, and controlling projects to ensure effective solution delivery and appropriate resource management.

### Reporting and Troubleshooting

- Assists with development, implementation of GIS based project tracking and project analytic tools.
- Assists in the preparation of permits, regulatory submissions, and environmental assessments.
- Supports field teams with GIS data and mapping tools during site visits and inspections.
- Stays updated with the latest GIS technology and trends to continuously improve processes and tools.
- Develops and maintains custom GIS tools and scripts to streamline workflows and enhance data analysis capabilities.
- Annual reforestation milestone and activity reporting (eg. RESULTS) and support data maintenance.
- Permit application assistance, as needed.
- Responsible for system configuration, applications support, application development, scripts and workflow tools, and automated reports.

### Field Work Support (10%) as needed

- Road and cut block layout; Tree coring; Silviculture surveys; Collecting samples and taking images/pictures; and Post harvest data collection.

Other duties as required.

## Qualifications

### Required

- Bachelor's Degree/ Diploma in Earth/Environmental Science, Engineering, Geosciences/Geography, Geomatics/Computer Science or related field. Higher level ability creating, formatting, manipulating, and programming in MSWord, Excel, and MS Access.
- Minimum 1-3 years' related experience and experience with geodatabase topologies along with Online Web-based products.

- Proficiency in mapping and analytics software platforms, as well as geospatial data integration tools and GIS software (e.g., ArcGIS, QGIS, un Earthed).
- Must have a valid driver license (BC Class 5) and a satisfactory driving record.
- Criminal records check (vulnerable sector).

### **Preferred/Assets**

- Working towards or holding a RFT or RPF designation or other relevant certification.
- Strong understanding of GIS concepts and software, including a strong knowledge of the ESRI ArcGIS Suite including Pro and extensions.

### **In return for your expertise**

Every employee at TTML is key to our success as we are a small team that works collectively together to ensure we make positive change in our environment. Appreciating that we work and contribute in different ways, we have a culture that is centered around caring for our work, our team, our partners, and our communities we work in.

We offer a competitive annual salary (\$55,000 to \$65,000) and commensurate with your experience for this role, plus comprehensive benefits including extended health benefits, STD, LTD and Pension Plan.

This is a full-time (35 hours per week), salaried position in our Chilliwack office as well as ability to work in the field as needed. Some travel to field activities, attend meetings/events or training is required.

### **How to Apply**

Interested candidates are invited to submit the following to **email** noting in the subject line “GIS Technologist Posting” **no later than November 15, 2024 at 5:00 pm PST.**

1. A cover letter outlining how your previous experience and education would support this position.
2. An up-to-date Resume/CV.

The successful candidate will be asked to provide references, and a clear criminal records check. We encourage applicants to submit applications as soon as possible, as applicants will be reviewed on an ongoing basis. We thank all applicants for their interest; only those selected for an interview will be contacted.

We aim to provide support through this recruitment process to applicants with disabilities, including accommodation that considers an applicant's accessibility needs. If you require accommodation during the interview process, don't hesitate to get in touch with **paula.ranson@ttml.ca**.

TTML hires based on skills, ability, and qualifications; however, in support of our strategy to achieve our employment goals for Indigenous Peoples, qualified Indigenous applicants will be given priority.