STUDENT WORK OPPORTUNITIES

Newfoundland and Labrador Geological Survey and Mineral Lands Divisions

Summer 2026

What type of work do we do?

- **Many of the current Geological Survey staff started out as summer students assistants!**
- **Working at the Survey is an excellent stepping stone to a career in the minerals industry, academia, or other geoscience-related fields.**

Geological Survey Division

- Regional Geology
- Mineral Deposits
- Terrain Sciences
  - Geochemical Laboratory Analyses
  - Geoscience Data Management & GIS
  - Geophysics

Mineral Lands Division

- Management of drill core and facilities

FIELD POSITIONS

Regional Geology

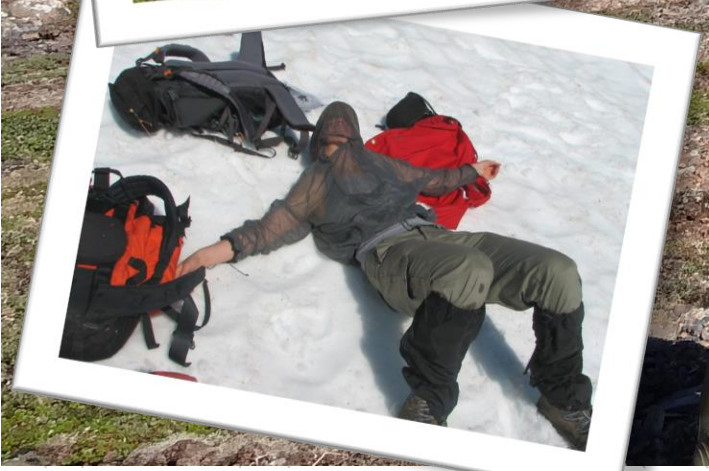
In the field:

- Bedrock mapping
- Rock sampling for lithology, mineralogy, geochemistry, and geochronology
- Traversing in remote locations and challenging environments; may involve ATV, helicopter or boat work
- Prospecting and engaging with prospectors

In the office:

- Field data compilation
- Sample processing (rock cutting, hand sample descriptions, photography and microscope work)

Regional Geology
in the field



Mineral Deposits

In the field:

- Mapping and sampling mineral occurrences and prospective areas for mineralization
- Core logging & visits to active and historical mines
- Consultations with mineral exploration and mineral development industry

In the office:

- Field or core data compilation
- Sample processing (cleaning, cutting, hand sample descriptions, photography and microscope work)

Mineral Deposits
in the field

Terrain Sciences

In the field:

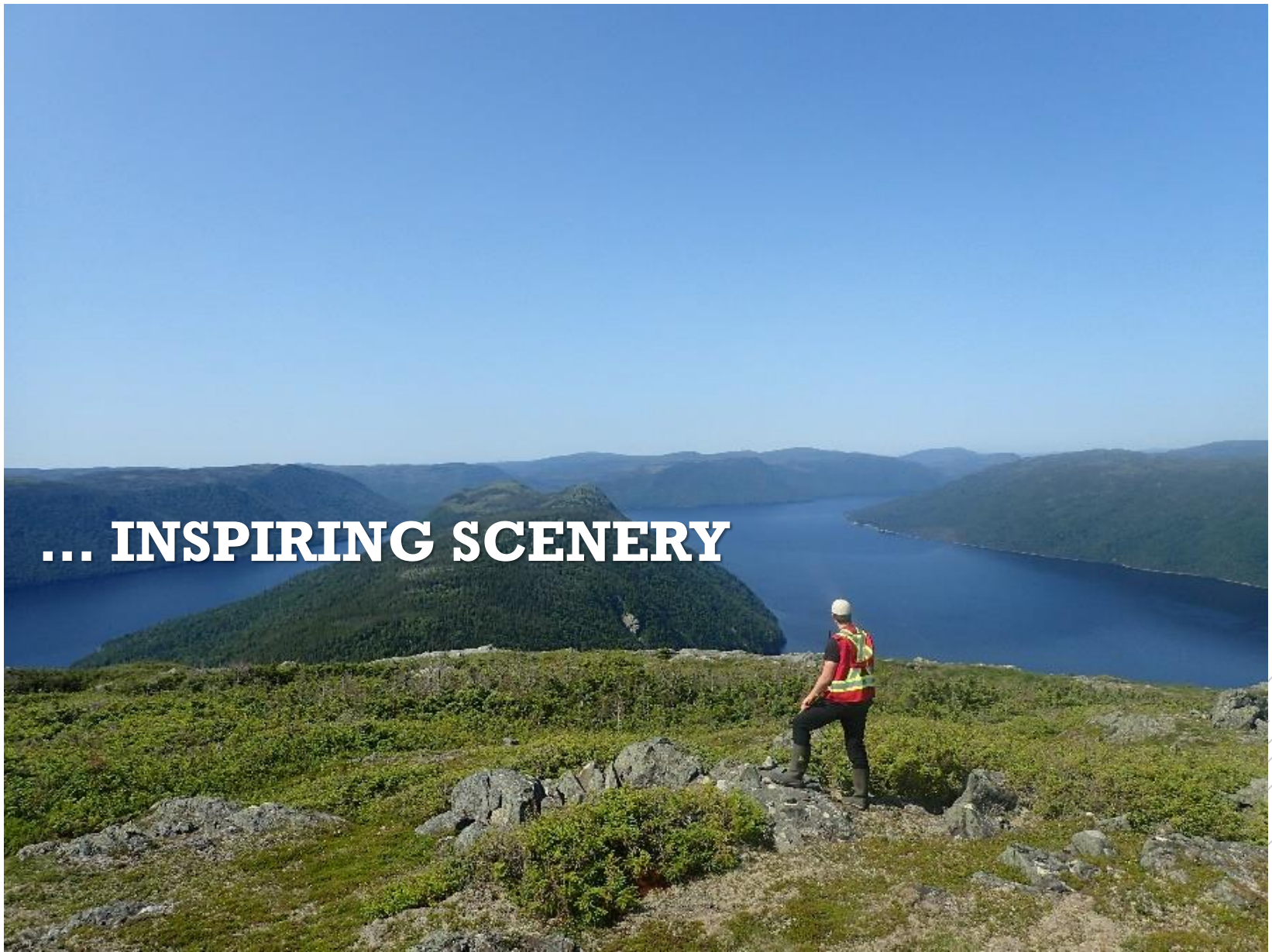
- Surficial mapping
- Surficial sampling (till, humus) for exploration geochemistry and indicator mineralogy

In the office:

- Field data compilation and QA/QC
- Sample processing (sieving, geochemical analysis, sample preparation)
- GIS: landform mapping on aerial photographs

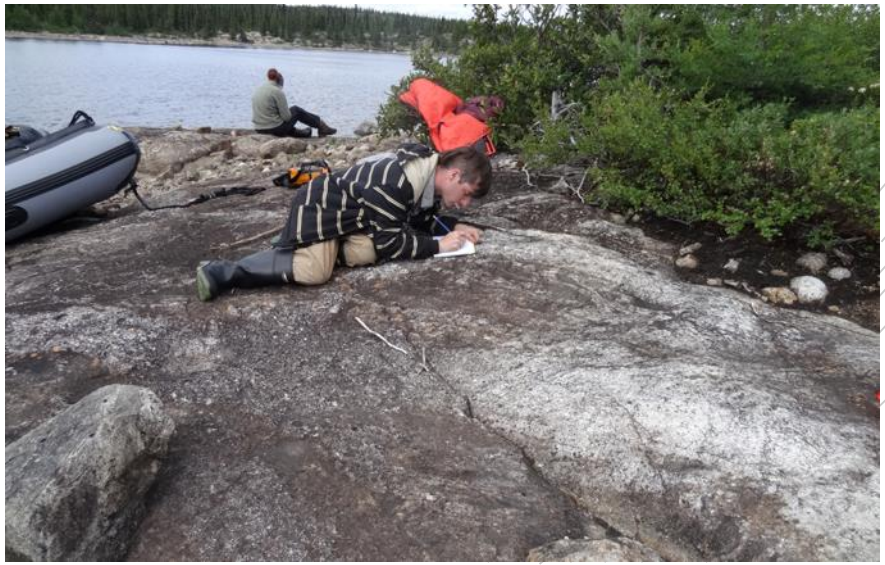
Terrain Sciences
in the field

In the field: what to expect



In the field: what to expect

APPLY CLASSROOM SKILLS IN A FIELD SETTING



TRAINING & PRACTICAL SKILLS

- **Wilderness First Aid**

- **ATV safety**

- **Helicopter safety**

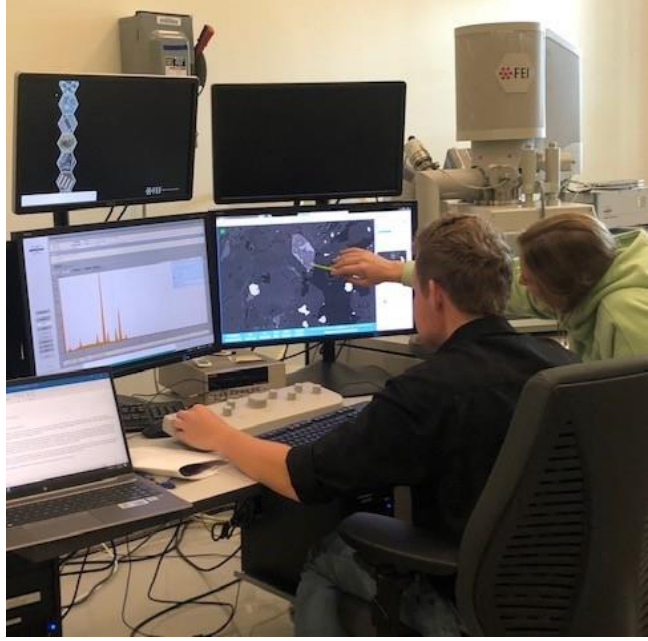
FIELD TRANSPORTATION

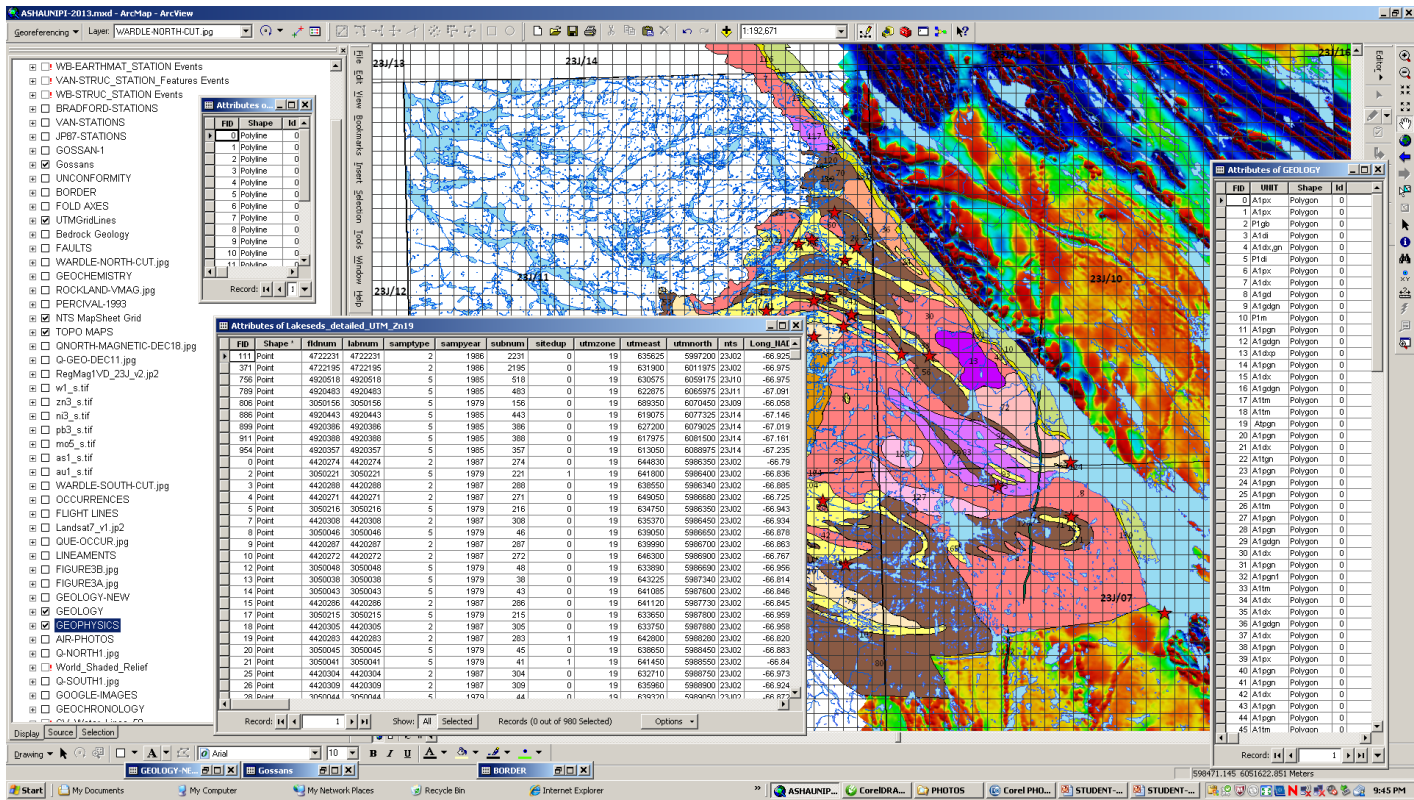
FIELD ACCOMMODATIONS

- From rustic abodes….

… to remote camps!

OFFICE & LAB WORK





In-Office Positions

In the office:

- Data compilation and management — bedrock geology, surficial geology, ice-flow indicators, drill hole data, etc.
- Work with the geoscience data team to manage physical and digital archives
- Industry-standard skills: learn to use GIS software
  - Digitize information from paper maps
  - Edit and manage geospatial information in databases
  - Work with remote sensing data (satellite images, drones)
- Rock sample and thin section descriptions
  - Petrography
  - Mineral identification (e.g. SEM-MLA)
  - Pebble counts for till characterization
  - Use of rock saw

Geochemical Laboratory Positions

In the Lab:

- Professional experience in the provincial Geochemical Laboratory
- Sample preparation and processing
  - Crushing, grinding, sieving, high-precision weighing
  - Sample digestion for analyses
  - Lab maintenance
- Learn about analytical equipment (e.g. ICP-OES) and laboratory data management

Core Storage Program

Core Storage
(Mineral Lands Division)

- **In the field:**
- Travel to Buchans, Baie Verte, Pasadena, Springdale and Goose Bay
- Core logging and cataloging
- Core collection from old drill sites
- Maintenance and upkeep of drill core
- Opportunity to network with geologists working for mineral exploration companies

- **In the office:**
- Drill hole data compilation from historic assessment reports
- Updating drill core records from field data

Position Descriptions

Junior Field Assistant

Requirements

- Current undergraduate student in geoscience or related field
- 1+ years of degree completed
- Able to work in remote conditions
- *Driving license is an asset*

Duties

- Foot traversing/boat/helicopter/ATV/truck work
- Site and outcrop observations
- Sample collection (rock or sediment)
- Carrying samples and field gear over complex terrain
- Camp duties: cooking, housekeeping, repairs
- Evening data entry
- Sample preparation (cutting, labeling, staining)
- Facilities set-up and tear-down

Senior Field Assistant

Requirements

- Minimum BSc Earth Sciences or BA Geography
- 1+ season of independent field mapping experience
- Able to work in remote conditions
- Valid driving license
- *Experience with GIS is an asset*

Duties

- Assist project geologist in all aspects of the field project
- May assist with advanced lab techniques (SEM-MLA)
- Camp duties: cooking, housekeeping, repairs
- Data entry and interpretation
- Facilities set-up and tear-down

Position Descriptions

Office Assistant

Requirements

- Current undergraduate student in geoscience / geography / environmental science
- 1+ years of degree completed
- Regular work hours (35hr/week, M-F)
- Own transportation and accommodations in St. John's
- *Experience with GIS software (ESRI or QGIS), Microsoft Excel and Access are assets*

Duties

- All aspects of geoscience data management, including data compilation, map digitization, data cataloging, file organizing and general office work
- May include rock and till processing
- ***May include a fieldwork component!***

Laboratory Assistant

Requirements

- Current undergraduate student in geoscience / geography / environmental science
- 1+ years of degree completed
- Regular work hours (35hr/week, M-F)
- Own transportation and accommodations in St. John's
- *Previous analytical laboratory experience is an asset*

Duties

- Geochemical sample preparation (cutting, sieving, crushing), sample digestion, analysis
- Laboratory maintenance and housekeeping
- Sample inventory and management

Position Remuneration (2026)

Student Assistant salary is based on current year of University geoscience degree*

*Field positions typically earn overtime.

Latest Completion	Hourly Rate
BSc Year 1	$18.65
BSc Year 2	$18.65
BSc Year 3	$19.85
BSc Year 4	$21.27
BSc Year 5	$22.69
1+ years of MSc	$24.32
1+ years of PhD	$27.10

Some Final Considerations

- Field conditions vary depending on the specific project
- Accommodations may range from a house in a community to isolated field camps
- Daily working conditions can be strenuous and the weather is commonly inclement
- Although field work may be postponed due to inclement weather; field crews may be required to work in poor weather conditions
- Overtime hours are worked most days and this may result in occasional long, tiring work days

How to Apply

Visit https://www.gov.nl.ca/em/mines/

Summer Student Hiring Information
Department of Energy and Mines

The provincial Geological Survey and Mineral Lands Divisions are hiring!

Please forward any questions to StudentHiringMinesBranch@gov.nl.ca

Dates & Deadlines for Applications

Submission Deadline: Saturday, March 14th, 11:59 pm

- To apply, submit your completed application and transcript (unofficial is fine) to:

  StudentHiringMinesBranch@gov.nl.ca

- Ensure your application package includes your primary phone number, primary email address (check your junk mail folder for responses!) and a copy of your academic transcript.

- **Interview details, dates and times will be emailed to candidates by March 20th, 2026**

- **Employment offers are usually made by early to mid-May**