



Natural Resources
Canada

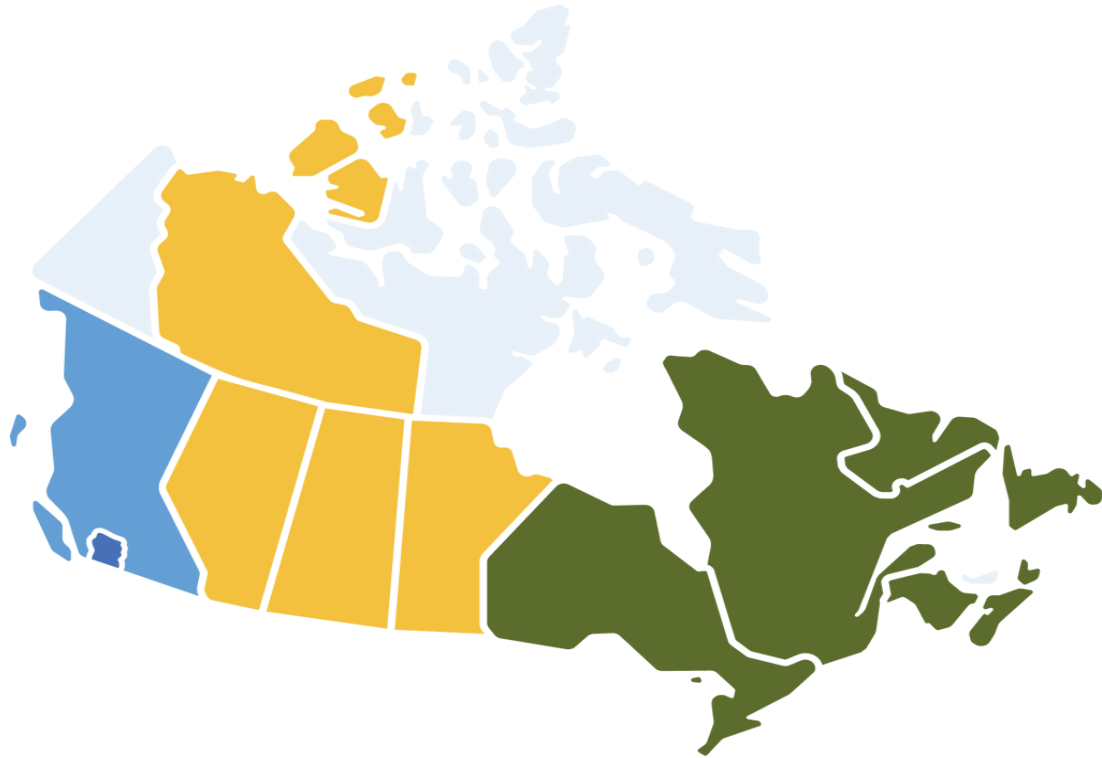
Ressources naturelles
Canada

In Partnership with the Resource Centre

Surveyor General Branch: Discussing Future Training Needs

TMPD Webinar

Welcome



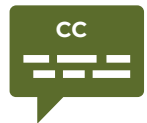
Administrative Tools



Please keep devices muted while others are presenting



Please feel free to type your questions into the chat



Closed caption is available



This session is recorded



All materials are available online



Objectives

- Reflect on the previous Survey Capacity Building Program, highlighting its purpose and key objectives.
- Present key findings from post-training feedback.
- Connect survey training with community roles to support relevant and practical use of survey knowledge.
- Discuss future training needs to help shape upcoming capacity-building initiatives.

Presenters



Eric Groulx
Assistant Director East, SGB



Rob Pinkerton
Land Surveyor

Your Input: Personal Details

1. What is your current role?
2. Is the First Nation that you represent Developmental or Operational?



(1 of 1)



Overview of the The Survey Capacity Development Program

Program Purpose

- Remove barriers to effective land management
- Enhance surveying knowledge
- Increase First Nation knowledge on the frameworks of land tenure systems
- Stimulate an interest in continuing education
- Increase internal staff development



Format

Up to 12 Weeks of
In-Community
Training

Participants

Targeted 24
First Nation
Communities

Timeline

Offered for 5 years
starting in 2018

Fall 2018 Pilot Intake: 2 First Nations
April 2019 Intake: 6 First Nations
April 2020 Intake: 6 First Nations
2022-24 Intake: 5 First Nations

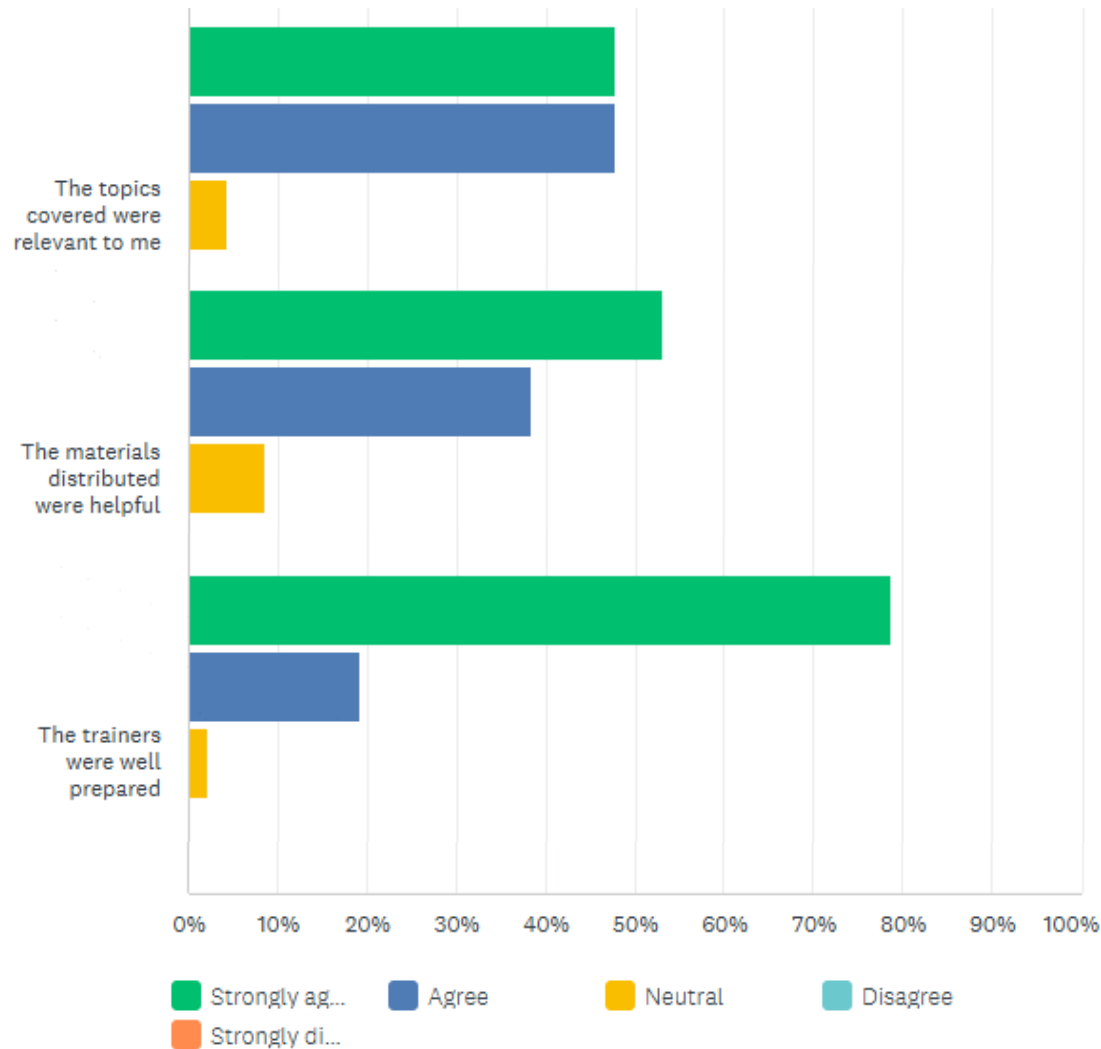
Program Structure

Modules

- 1 - Introduction to Land Surveying
- 2 - Overview of Survey Documents
- 3 - CLSS Tools and Applications (Canada Lands Survey System)
- 4 - Boundaries and Parcels Principles
- 5 - Interests and Lands Description
- 6 - Land Survey Projects
- 7 - Integrated Land Management and Planning
- 8 - Introduction to Field Work
- 9 - Introduction to GNSS (Global Navigation Satellite System)
- 10 - Introduction to Conventional Measurements
- 11 - Introduction to Data Processing and CAD (Computer Aided-Design)
- 12 - Introduction to GIS



Program Evaluation Summary



From 2019-2021, the SGB conducted a survey asking participants to provide feedback on The Survey Capacity Development Program.

The survey was sent out to 15 First Nations and collected 63 responses.

Participants answered 6 questions providing feedback on satisfaction, usefulness, and training relevance.

Participant Feedback Summary

Program Format

Strengths	Challenges
<ul style="list-style-type: none">• Field Training• Practical Hands-on learning• Knowledgeable In-person instructors• Small Groups and 1:1• Practicing with Survey Instruments	<ul style="list-style-type: none">• Minimal knowledge checking for assessment and understanding• Limited balance of classroom and field training• No access to materials prior to program delivery• Insufficient number of survey instruments

Participant Feedback Summary

Program Content

Strengths	Challenges
<ul style="list-style-type: none">• Practical, relevant, and comprehensive information• Geared to varying levels of prior experience• Exposure to new material and concepts• Covered problem solving methods• Up-to-date course content• Included equipment set-up• Logical flow of information	<ul style="list-style-type: none">• Lack of clearer step-by-step instructions during field training activities• Minimal task training on equipment• Insufficient time for learning• All or nothing approach to program modules• Didn't address varying learning styles• Limited real-world examples from instructors



Future Program Planning

Your Input: Job/Tasks

1. In your current role, do you work with surveys, GIS, or surveyors?
2. If yes, in what capacity do you work with them?

Please use poll, chat, or unmute

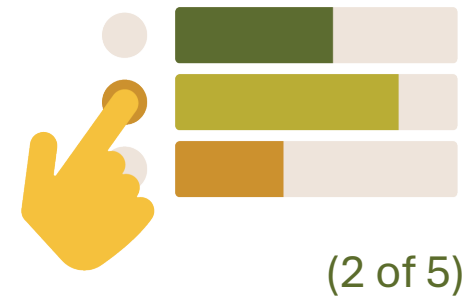


(1 of 5)

Your Input: Job/Tasks

1. What types of survey-related tasks do you currently perform?

Select all that apply



(2 of 5)

Your Input: Job/Tasks

1. Do you experience any challenges or pain-points related to survey work?
2. If yes, please describe.

Please use poll, chat, or unmute



(3 of 5)

Your Input: Job/Tasks

1. What kind of training or support would help you feel more confident or effective in your survey-related work?



Please use poll, chat, or unmute

(4 of 5)

Your Input: Job/Tasks

1. If future training was a success, what would be different in your work?

Please use poll, chat, or unmute



(5 of 5)

Your Input: Learning Preferences

1. How do you prefer to receive training?



(1 of 4)

Your Input: Learning Preferences

1. How much time can you commit to training?

Please use poll, chat, or unmute



(2 of 4)

Your Input: Learning Preferences

1. When would this training be most useful in relation to becoming operational?



Please use poll, chat, or unmute

(3 of 4)

Your Input: Learning Preferences

1. When would you like this training to be available?



Please use poll, chat, or unmute

(4 of 4)

Why the Program is Being Revised

- Reduced resources
- Program content needs to better align with current community needs
- Participant feedback shows opportunities to strengthen relevance and impact
- A revised approach will support more practical and effective training



Recommended Changes to Program

- Review of the Program Name
- Revise Program Outreach
- Include Knowledge Sharing Topics of Discussion
- Incorporate Developmental & Operational Phase Sessions



Proposed Learning Topics



Land Governance Systems
(LMS - LRS - LSS)



Property Rights and
Transition to FNLGR



Roles & Responsibilities of
Survey Stakeholders



Survey Processes under
Land Code or Indian Act



Types of Surveys and
Survey Plans



Boundaries and Related
Issues



Tools, Data Bases, and
Records



Research Reports and
Lands Descriptions

Your Input: Learning Topics

1. What other topics (if any) should be included?



Please use poll, chat, or unmute

(1 of 1)

Knowledge Sharing



OPEN DISCUSSION

Please feel free to unmute or use the chat to ask questions or share your thoughts and experiences.



Upcoming TMPD Events

About the LAB and RC

Signatory First Nations

Framework Agreement

Training, Support & Resources

Events

News & Media

Contact Us

LAB AGM

Current

Past Events

Tue
21

Oct 21, 2025 @ 12:30 pm - 3:30 pm PDT
Sk̓wx̓wú7mesh Úxwumixw (Squamish Nation) Land Development Tour
Nch'kay Development Corporation's Se̓nákw development

Topic: TMPD- Land Tour Date: October 21, 2025 Location:) Sk̓wx̓wú7mesh Úxwumixw (Squamish Nation)'s Se̓nákw Development Length: 3.5 hours Intended Audience: This land tour is a private event intended for [...]

October 21st, 2025

Land Tour

Sk̓wx̓wú7mesh Úxwumixw (Squamish Nation) along with their Nchikay Development Corporation is pleased to present Se̓nákw

LIMITED SEATS AVAILABLE

Wed
22

Oct 22, 2025 - Oct 23, 2025
TMPD Workshop- Land Development Review Procedures
River Rock Resort & Casino Vancouver, British Columbia

Topic: TMPD Hybrid Workshop- Land Development Review Procedures Date: October 22 & 23, 2025 Location: River Rock Casino Resort, Vancouver, B.C. Length: 2 days Workshop Description: During this workshop, participants [...]

October 22nd & 23rd, 2025

TMPD Workshop: Land Development Review Procedures

Hybrid Event

Presentations & Discussion

Follow Up Comprehensive Survey

[OPEN SURVEY HERE](#)

This survey will be available
until **October 10th, 2025**

Presenter Bios



Eric Groulx, Assistant Director East, SGB

Éric Groulx was born in Montréal, Québec, and graduated from Université Laval in 1994 with a degree in Geomatics Science. He then went on to earn his commissions as both a Quebec Land Surveyor and a Canada Lands Surveyor.

With nearly 30 years of experience in the federal public service, he currently serves as Deputy Director for the East, in the Surveyor General Branch of Natural resources Canada. Throughout his career, he has been deeply committed to building lasting relationships with First Nations through professional advice, training, and collaboration in land surveying.



Rob Pinkerton, Land Surveyor

Rob Pinkerton is a Land Surveyor and Engineer who has spent the last 20 years working on land surveys throughout the western provinces. He attended the University of Calgary and is licensed to survey in Alberta, British Columbia, Saskatchewan and on Canada Lands.

Born in North Vancouver he has lived in Moncton, Edmonton and now calls Calgary home. He has served as a Councillor for the Alberta Land Surveyors' Association (ALSA) and as President of the Association of Canada Lands Surveyors (ACLS).

Thank You



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