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First Nations Land Management Surveyor General Branch

Survey Capacity Development Program

Presentation to LAB-RC Workshop – Prince George – August 29, 2018



Presentation Overview

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Background

- As part of the Budget 2018 expansion of FNLM, the Surveyor General Branch (SGB) of Natural Resources Canada (NRCan) was asked to develop a capacity-building program in land surveying to support First Nation communities operating under, or considering operating under FNLM.
- The SGB Survey Capacity Development Program has been built upon the success of a First Nation-led 2015 survey capacity pilot project with Wiikwemkoong First Nation in Ontario.
- The SGB Survey Capacity Development Program will target 24 First Nation communities over 5 years, providing up to 12 weeks of in-community capacity development.

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Program Vision

Develop a partnership between the First Nation and SGB, to provide customized, in-community mentoring in all aspects of land surveying.

- It is about relationships, knowledge sharing, and a flexible, practical, learning environment
- It is not about creating licensed land surveyors and is not replacing formal education



Potential Program Candidates



Provide decision-makers, lands managers, and interested community members with information on the role and purpose of a land survey in effective land management

Provide decision-makers and lands managers with knowledge of land surveying and legal surveys to be informed consumers

Generate interest in land surveying as a potential career for community members and provide practical experience to help guide this decision

Build long-term relationships between community and SGB and land surveyors

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Capacity Development Overview

- The program will be customized to the First Nation's needs, consisting of up to 12-weeks of in-community mentoring, spread out over a span of up to 24 months in order to provide time for participants to absorb information, conduct research (both external and internal) and experiment on their own between in-community sessions.
- In developing a customized capacity development plan with the communities at project start-up, the communities will help define what “success” means from their perspective. Participants will be measured against this definition rather than an arbitrary standard.



Capacity Development Overview

- The program will demonstrate the fundamentals of legal surveys, practical techniques and methodologies used by industry to complete surveys;



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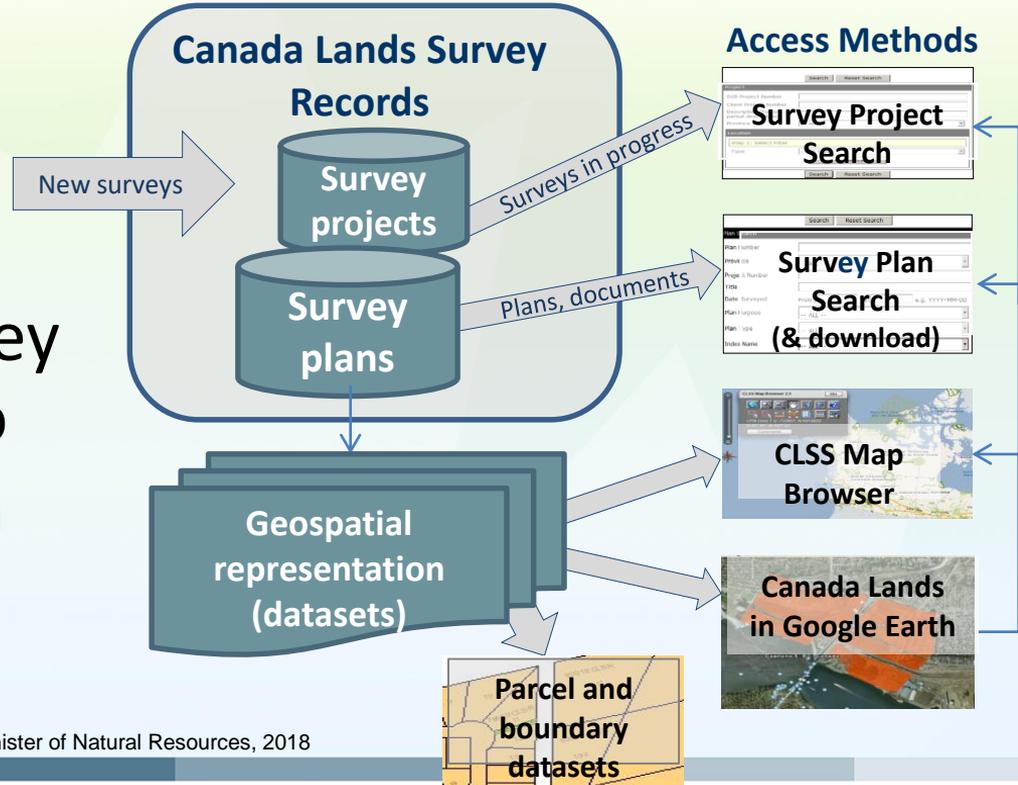
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Capacity Development Overview

- Build skills and capacity researching land records and survey plans and how to interpret those plans; and

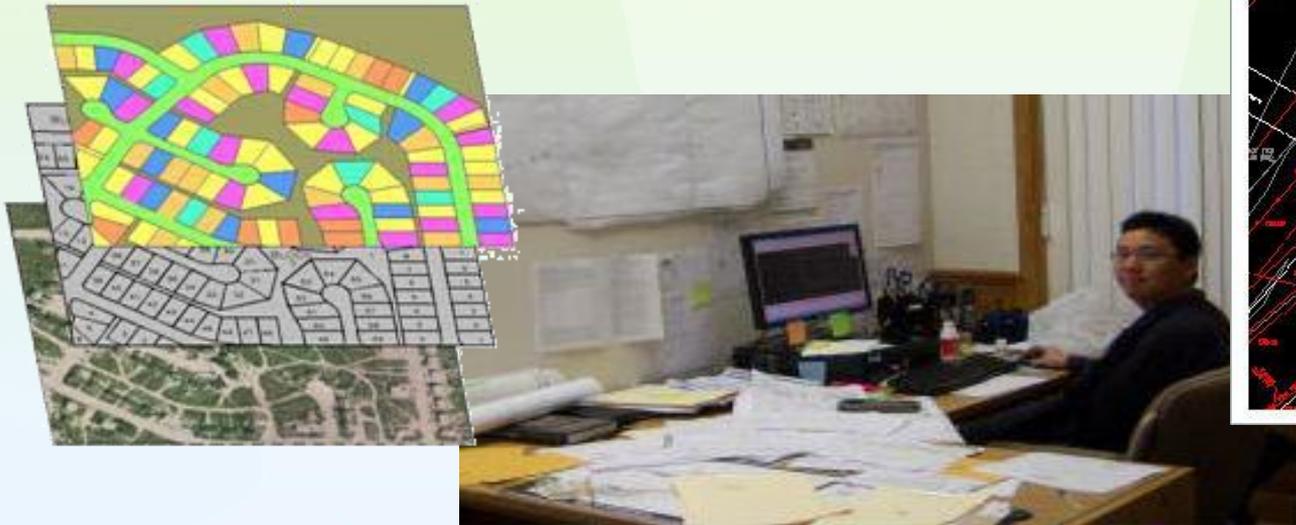


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Capacity Development Overview

- Provide introductory experience operating the latest survey equipment and software;



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Capacity Development Overview

- Provide appropriate health and safety knowledge relevant to field survey activities.



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Suggested Development Plan

Week 1 – 6 (classroom / theory / exercises)

Week 1

Introduction to Surveys

Participants:

Chief and Council
Band Administration
Lands Committee
Students

Week 2

Understanding Land Tenures and Registration

Participants:

Lands Office Staff
Lands Committee
Students

Week 3

Introduction to GIS for effective land management

Participants:

Lands Office Staff
Students

Week 4

Basic Land Surveying principles

Participants:

Students

Week 5

Basic Land Surveying principles

Participants:

Students

Week 6

Basic Land Surveying principles

Participants:

Students

Week 7 – 12 (Practical Training - in Community Surveys)

Week 7

Practical Training
(in community surveys)

Participants:

Students

Week 8

Practical Training
(in community surveys)

Participants:

Students

Week 9

Practical Training
(in community surveys)

Participants:

Students

Week 10

Practical Training
(in community surveys)

Participants:

Students

Week 11

Practical Training
(in community surveys)

Participants:

Students

Week 12

Practical Training
(in community surveys)

Participants:

Students

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Capacity Development Overview

- SGB mentor(s) will be assigned to provide on-site capacity development in the participant's community.
- In addition to the structured field visits, the SGB mentor(s) will be accessible to the participant for the duration of the capacity development program.
- During and at the completion of the program, participants will be tested on their surveying knowledge and practical skills related to conducting legal surveys in the field and in the office (all related to the community's customized capacity development plan).
- Successful participants will receive a Certificate of Completion from the SGB.
 - NOTE: this is not an academically accredited certificate.

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Program Budget

- Each First Nation community will be provided \$50,000 in funding allocations to support the First Nation program participant(s) over the 24 month capacity development period.
 - This funding is provided to each First Nation community to support program participants in covering any additional costs incurred during the attendance of this program.
- An additional \$12,000 in funding allocation will be available, per community, for administrative overhead and purchase of incidental materials.
- The full program budget amount of \$62,000 will be available to the First Nation if the First Nation participants complete all of the capacity development activities in less than the 24 months program schedule.



Entry Selection Process

- Indigenous Services Canada, through a selection process developed in partnership with the Capacity Development Working Group (members include Lands Advisory Board – Resource Centre, NALMA, ISC and SGB) shall identify First Nations communities for entry.
- First Nations seeking entry into the SGB Survey Capacity Development Program should submit an expression of interest to their Regional Indigenous Services Canada Office, Regional Lands Advisory Board – Resource Centre or to their NALMA contacts.

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Expected Program Start-up Process



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Questions and Answers

Contact Information:

- **LAB-RC**

- Tania Bigstone – Survey Advisor (tania.bigstone@labrc.com)

- **NALMA**

- Graeme Sandy – Survey Project Manager (gsandy@nalma.ca)

- **ISC**

- Hugues Landriault – Manager – Lands Policy (hugues.landriault@canada.ca)

- **SGB**

- Rob LeBlanc – Senior Program Manager (rob.leblanc@canada.ca)

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