



Linear Restoration Services

Silvacom has been delivering effective linear restoration services to support caribou habitat recovery since 2011.

Our highly experienced personnel focus on informed planning to ensure efficient treatment delivery options meet our client's needs.

Why Linear Restoration

It is well-known that many linear features will not regenerate naturally as once thought. Significant intervention will be required to set these features on a path to recovery.

Restoration of legacy linear footprint is an opportunity to support critical Woodland Caribou habitat recovery in Canada. As these features are restored the amount of undisturbed caribou habitat will increase substantially.



Alberta, British Columbia, and Saskatchewan governments all recognize the importance of linear restoration programs to meet caribou habitat recovery targets.



Our Experience

We have experience in all aspects of linear restoration including:

- 1 Linear Disturbance Inventories**
Our experienced photo interpreters have developed comprehensive linear inventories to assess the current state of re-vegetation on legacy linear features.
- 2 Operational Planning**
Our operational planning process ensures only seismic lines that require intervention are targeted for restoration. We also consider access management, regulatory and land use approvals and other operational considerations.
- 3 Implementation**
We work with treatment delivery contractors, including partnerships with Indigenous communities to successfully implement linear restoration programs.
- 4 Monitoring**
Our monitoring programs track progress over time, and we communicate the results in metrics that matter. Our clients know exactly how many kilometres were treated, the total number of trees planted and the number of habitat hectares restored.

Keys to Success

We have a multi-disciplinary, experienced team that applies innovation to overcome the challenges of linear restoration and drive efficient program delivery. Our keys to success include:

1

Informed Planning

Our operational planning process uses the most up-to-date technology and data to identify:

- Treatment prescriptions that address site limiting factors
- Access into and within the treatment area
- Stakeholders to engage or consult
- Land use and regulatory requirements
- Additional operational considerations

2

Efficient & Effective Restoration

We are committed to working with stakeholders to develop innovative approaches that ensure the goals of linear restoration are met. We've worked in Montane and Boreal regions and have experience working in all types of ground conditions including sensitive sites, muskeg and upland areas.

3

Continuous Improvement

Restoration monitoring has allowed us to continuously improve and adjust implementation strategies for the continued success of restoration programs. We adapt our monitoring programs to meet our client's needs. We have used advanced remote sensing technologies, drones, and boots-on-the-ground approaches to deliver cost-effective monitoring.

4

Robust Spatial Data Management

Data management is essential to track and report on the progress of restoration programs. We find pride in our ability to manage complex spatial data systems. We work with our clients to ensure data is collected effectively and meets the needs of the end-user.

Services We Provide

Our team is uniquely experienced to provide turn-key linear restoration services for many sectors including forestry, mining, oil and gas, utilities, and government. Whether your goal is to understand what your current restoration liabilities are, or you need help implementing on-the-ground restoration, or you're focused on long term data management and monitoring, we have it covered.

We work with Indigenous communities, stakeholders, and trappers to ensure local buy-in and the long-term success of linear restoration projects

We have a team dedicated to land use and regulatory approvals to ensure projects are not delayed

Our quality control and monitoring programs allow us to continuously improve our implementation strategies, driving efficiencies and reducing overall program costs

Strong project management is essential to keeping projects on-time and on-budget. Our experienced project managers will work with you to ensure the project goals are obtained

We are spatial data experts dedicated to translating data into easy to understand, communicable results

Our remote sensing team uses its expertise to build detailed linear footprint inventories that aid in restoration planning and implementation