



Registered Interests on Titled Land (RITL) Discovery Report: MNC Completes RITL Discovery Report to Guide Future Mapping of Registered Land Interests in Alberta

Building on the success of the 2017 **RITL Benchmark Project**, further questions emerged about how spatial mapping of registered land interests could be implemented and used across sectors. Recognizing the need to understand stakeholder requirements and existing workflows better, **MNC (Martin Newby Consulting Ltd.)** undertook a Discovery Report in 2018. This report provided deeper insights into the potential

for mapping registered interests such as caveats, easements, and other title-based encumbrances. Through direct engagement with government and industry participants, the Discovery Report served as a foundational analysis to guide the future development of a Registered Interests on Titled Land (RITL) data product in Alberta.

CHALLENGE

Following the completion of the RITL Benchmark Project and two stakeholder sessions hosted by Alberta Data Partnerships (ADP), it became clear that additional research was needed. Stakeholders

required greater clarity around how a RITL mapping product could support their processes, interact with existing systems, and address legal and operational considerations.

SUPPORT OF RITL



“Very interested”
ALBERTA ENERGY
REGULATOR (AER)



“Definitely use [RITL data] to gather information”
ATCO ELECTRIC



“Would definitely become an end user of the data”
ALBERTA MUNICIPAL AFFAIRS



“Would use RITL data for initial planning”
REPSOL CANADA



“Supports better purchasing decisions”
ALBERTA
INFRASTRUCTURE



“The ability to identify crossings would be a benefit”
PLAINS MIDSTREAM CANADA



“Allows leases to be visualized”
ALTALINK



“Greatly beneficial”
“Would support the Surface Land team”
SUNCOR ENERGY

In 2018, MNC conducted a Discovery Report that engaged stakeholders directly to identify needs, opportunities, and potential collaboration points related to the spatial mapping of land title interests. The process included both in-person interviews and phone meetings with representatives from two Government of Alberta departments, and seven industry organizations, including Alberta Energy Regulator (AER).

KEY FOCUS AREAS IN THE DISCOVERY PROCESS:

PROCESS IDENTIFICATION

- Mapped internal processes currently used by GoA, AER, and industry for managing land title interests
- Assessed where and how RITL data could support or enhance these existing workflows

DATA CLARITY & OPPORTUNITY MAPPING

- Clarified how registered interests such as caveats and easements could be spatially represented
- Identified opportunities for collaboration with existing mapping agencies and applications to avoid duplication

This Discovery Report laid the groundwork for developing a practical, authoritative, and widely usable RITL dataset that meets the real-world needs of multiple sectors.

RESULTS

Stakeholder input gathered through the Discovery Report reinforced the value and potential of a spatial RITL dataset. **Feedback highlighted the following benefits:**

- **Reduced Data Duplication:** A centralized RITL product would significantly increase efficiency and reduce costs related to data collection and maintenance across sectors
- **Improved Communication:** A visual representation of land title interests would help simplify complex legal or planning discussions
- **Authoritative, Accessible Data:** A shared, accurate dataset would support better engagement with stakeholders, improve regulatory processes, and align planning efforts across government and industry

Led by MNC, the Discovery Report brought together multiple perspectives into a unified vision for what RITL could become, creating momentum for continued development.

MNC SERVICES & TECHNOLOGY USED

SERVICE CATEGORIES:

- Needs and Requirements Analysis
- GIS Strategy and Planning
- Data Model and Database Design
- Data Conversion and Migration
- Training and Support Services

TECHNOLOGY PLATFORM & TOOLS:



CONTACT US TODAY to discuss your geospatial needs.

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ABOUT MNC

The Cadastral and Parcel Mapping Experts



MNC is a trusted leader in cadastral and parcel management with 25+ years of experience delivering GeoAI-ready datasets, modernizing parcel fabrics, and automating GIS workflows. As an Esri Gold and Cornerstone Partner with a Parcel Management Specialty and State and Local Government Specialty, MNC provides scalable advanced GIS, ArcGIS Pro, FME automation, MicroStation, AutoCAD and cloud-ready geospatial systems that improve data quality and support government land administration modernization across Canada, the USA, and the Caribbean.

