

Foreword

I am pleased to present the Manitoba Geological Survey's *Report of Activities 2018*.

This year marks the 90th anniversary of the Manitoba Geological Survey (MGS), a milestone that is significant and deserves celebration.

The MGS is the Province of Manitoba's centre of excellence for scientific research and mapping of Manitoba's key geological features and the public inventory of our vast mineral resources. The MGS team of geologists, technologists, and information managers are of the highest calibre and are held in great regard by academia, industry, communities, and other levels of government. This is a team that has demonstrated success in a most challenging year to deliver high quality results as presented in this 50th edition of the *Report of Activities*. I would like to thank each and every team member for their professional contributions and continued support for increasing the knowledge base of Manitoba's geological footprint.

The agility demonstrated by the MGS this year to deliver on project objectives in a time when government is focused on returning to a balanced budget has been exceptional and showcases the highest level of professional integrity. Manitoba is fortunate to have the commitment of this incredibly skilled team. Their dedication and passion for bringing forth new discoveries, and continuing to research existing bodies of knowledge, is how we will continue to build on the examination of Manitoba's geological composition.

It is of great importance to note that the MGS serves the people of Manitoba by providing a scientific, evidence-based approach to enhancing the geological picture through research and mapping, thereby supporting the responsible stewardship and development of our mineral resources, including oil and gas. This public inventory of geoscientific information is critical to stimulating investment, supporting responsible land use planning, and making strategic infrastructure decisions. Knowing what we have, where it is, and how it best serves Manitobans is of critical importance in making regulatory and tenure decisions regarding Manitoba's mineral resources.

It is also of significance that Manitoba is home to large areas of high mineral potential in remote, northern, and relatively underexplored regions. These regions represent a potential avenue for considerable economic growth in our province. The MGS is best positioned to move forward this agenda by focusing strategic efforts on the areas of the province where mineral development potential is greatest. This year, Manitoba has had a focus on increasing transparency and predictability of return on investment and ensuring a clear path forward on

mineral development. As the Department focuses on increasing the participation of Indigenous communities in exploration and development projects, the support of the MGS to provide maps and expertise to decision makers has been critical.

Highlights for 2018 included a transformation of services, such as developing plans for the further integration of innovative technology into field work, and a focus on partnership and collaboration. It is recognized that our many partners have made this year's activities possible. In particular, we recognize collaboration with:

- Geological Survey of Canada
- Ontario Geological Survey
- Saskatchewan Geological Survey
- Canada-Nunavut Geoscience Office
- De Beers Group of Companies
- Hudbay Minerals Inc.
- Anglo American
- Vale Manitoba
- Alamos Gold Inc.
- Grid Metals Corp.
- Royal Nickel Corp.
- Rockcliff Metals Corp.
- Far Resources Ltd.
- Orix Geoscience Inc.
- Strider Resources Ltd.
- University of Manitoba
- Brandon University
- University of Calgary
- University of Waterloo
- University of Saskatchewan
- Western University
- University of Windsor
- Laurentian University
- University of Toronto
- University of New Brunswick
- University of Alberta
- Skidmore College (Saratoga Springs, NY)

The following acknowledges changes in the MGS over the past year:

- B. Lenton, Cartographer, retired in January 2018 with 27 years and 2 months of service
- P. Lenton, Manager, Geoscience Information section, retired in January 2018 with 43 years and 7 months of service

- M. Timcoe, Cartographer, retired in April 2018 with 37 years and 4 months of service
- N. Brandson, Field Support Manager, retired in September 2018 with 41 years and 4 months of service
- S. Anderson departed the MGS in August 2018 to pursue opportunities in the private sector after serving as Chief Geologist, Precambrian Geoscience section
- C. Bohm returned to Chief Geologist of the Precambrian Geoscience Section after serving on the Department's senior leadership team for service transformation

In conclusion, the results presented in this report are a representation of the hard work and dedication of the staff of the MGS. Should you have questions or be interested in more detailed information, please contact us at 204-945-1119.

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