



# Mineral Processing, Metallurgical Testing and Tailings Treatment

In order to separate economically valuable minerals from bulk material, the mining industry uses a variety of processing operations. The expanding mining industry in Saskatchewan and around the world demands application of the latest technology in mineral processing and waste treatment and management.

The Mineral Processing and Metallurgical Testing Services team at the Saskatchewan Research Council (SRC) is focused on improving productivity in this sector in an environmentally and economically sustainable way. Its main goal is to work with mining companies to create mineral processing and process improvements, as well as minimize the environmental impacts of mine and mill operations. The knowledge, methods and technologies developed in this program can be applied to operations throughout the world.



## CONTACT

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## Mineral Processing and Metallurgical Testing

- Provide support in mineral processing and metallurgical testing for the mineral industry in Saskatchewan and around the world.
- Implement, improve or modify processes to suit clients' site-specific conditions.
- Develop environmentally sustainable extraction processing with better, smarter treatment of tailings and slimes.
- Increase process efficiencies resulting in less waste production and less environmental contamination.
- Develop unique solutions for Saskatchewan mineral commodities through the integration of SRC's expertise in mineral analyses and assays; notably in diamonds, uranium and potash.

## Our Expertise

SRC is internationally recognized as an expert in mineral analyses and assays. Many companies working with SRC rely on its international networks to access leading knowledge. As a multi-disciplined organization, SRC has exploration and geoanalytical expertise, and is developing substantial processing capabilities. The expertise and equipment at SRC's many facilities, such as the Advanced Microanalysis Centre™, offer valuable resources for new endeavors. The experience of the Minerals group, combined with SRC's broad base of specialists, brings together a diverse, technical team that can develop unique and comprehensive solutions for industry in Saskatchewan and around the world.



The Minerals Business Unit at the Saskatchewan Research Council (SRC) offers a variety of services using state-of-the-art equipment to support the requirements of the exploration and mining industries.



The Minerals Team: Our people make all the difference. SRC's Minerals Business Unit strives to keep up with the growth in the industry and the needs of our clients.