The Saskatchewan Research Council (SRC) is a leading provider of applied research, development and demonstration (RD&D), as well as technology commercialization. SRC leverages its traditional research roots to provide technological services that meet real-world industry needs, from testing to modelling, diagnostics to optimization and monitoring to remediation. Located in Saskatchewan, SRC has worked with the mining industry across Canada and worldwide for over 70 years.

SRC’s Mining and Energy Division, along with its Environment and Biotech Division, have several world-class laboratories and pilot facilities, including:

- SRC Geoanalytical Laboratories
- SRC Environmental Analytical Laboratories
- Advanced Microanalysis Centre™
- Minerals Processing Laboratory and Pilot Plant Facilities
- Pipe Flow Technology Centre™
- Mechatronics Laboratory
- Centre for the Demonstration of Emissions Reductions (CeDER)

We have experience in a wide range of commodities, including potash, uranium, diamonds, rare earths and lithium, as well as base and precious metals. We also have specialized expertise in slurry hydrotransport, reliability engineering and digital mining techniques.

Our Environment and Biotech Division provides all levels of environmental assessments and has experience in mine closure, including community engagement, data management and acid mine drainage components.
We provide services and solutions across the mining life cycle, from exploration to process design to tailings.

- Geoanalytical testing and mineralogical analysis
- Third-party analytical standard and data verification
- Development of analytical procedures
- Baseline environmental monitoring

- Plant performance diagnostics and optimization
- Digital mining (instrumentation and automation) and prototype development
- Reliability engineering (wear and fatigue)
- Integrated Database Management Service
- Tailings and clay management optimization and troubleshooting
- Decentralized energy solutions, including the Hybrid Energy Container
- Progressive remediation solutions and environmental risk management
- Closure and community engagement plans
- Slurry pipeline troubleshooting and testing
- New equipment and technology testing

- Mineral deportment and beneficiation analysis
- Minerals processing testwork and piloting
- Third-party verification of process technologies
- Slurry transport modelling, design and testing
- Tailings and clay management strategies
- Energy assessments, including renewables, biofuels and battery storage
- Acid mine drainage risk-based mitigation strategies

- Closure plan evaluation and design
- Remediation activities and risk management
- Community engagement