



Geoanalytical Laboratories Diamond Services

Exploration Tools for Every Stage of Your Diamond Exploration Project

SRC Geoanalytical Laboratories Diamond Services include kimberlite indicator mineral recovery, micro diamond recovery and macro diamond recovery.

Building on our core expertise, the lab is continually improving services and expanding its capacity. We've become one of the largest commercial diamond recovery facilities in the world.

Serving customers from across Canada and around the world, we can help you at every stage of your exploration program. Our location in Saskatoon, Saskatchewan provides convenient processing for exploration companies.

High-Security Facility

SRC Geoanalytical Laboratories Diamond Services lab provides the necessary security measures for processing diamond samples. The laboratory is a standalone high-security facility dedicated to micro and macro diamond recoveries. The facility is monitored by 24-hour video surveillance, with additional security measures for macro diamond processing.



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Services

Kimberlite Indicator Minerals

- Till sample processing
- Two-stage heavy liquid reclamation processing
- Observation of kimberlite indicator minerals

Macro Diamond Processing and Recovery

Processing options include:

- Dense Media Separation
- HPGR recirculation
- Flow sort X-ray sorting
- Grease table recovery
- Glove box diamond observation

Processing and recovery is conducted at one of the largest commercial high-security diamond facilities in the world.

Micro Diamond Recovery

- Caustic fusion method
- ISO/IEC 17025:2005 accredited method
- 70-tonne annual capacity
- Dedicated service lines

Additional Services from SRC's Advanced Microanalysis Centre™

- Kimberlite indicator mineral chemistry (EPMA)
- In situ trace element analysis (LA-ICPMS)
- Diamond inclusion studies
- Quantitative mineralogy (QEMSCAN®)
- Whole rock major and trace element analysis (XRF)
- Whole rock and clay mineralogy (XRD)
- Petrographic services (thin section and description)

Quality

We are an ISO/IEC 17025:2005 accredited diamond facility. Our accreditation by the Standards Council of Canada (scope of accreditation #537) has been in place since 2004.



Our laboratory also participates in inter-laboratory tests for kimberlite indicator mineral recovery and micro diamond recovery.

Our reporting results are based on Canadian Institute of Mining guidelines.



SRC Geoanalytical Laboratories provide high quality, secure processing services for every stage of your diamond exploration project.



The Geoanalytical Team: Our people make all the difference.

At SRC Geoanalytical Laboratories, we strive to keep up with industry growth and our customers' needs.

Details for these and other services are available on our website at www.src.sk.ca/geoanalytical.