

Saskatchewan Geological Short Course

The premise of this interactive digital platform was to provide baseline information on the province's geology, stratigraphy, and commodities, scalable to various educational levels for technical or non-technical audiences. The course materials are suitable for lecture-style implementation as well as self-directed learning. The industry-relevant information can also function as a prelude to hands-on learning in subsequent days of various short course topics, such as rock mechanics, geological drill core logging, or geophysical wireline interpretation, for example.

This project brought together a diverse group of individuals to encourage earth science literacy related to mining. This course could be incorporated into K-12 curriculum and in post-secondary institutions teaching earth sciences and mining in Saskatchewan. Other potential audiences include mining professionals, technical professionals and non-technical professionals working in the Saskatchewan mineral industry, or any other group of individuals directly or indirectly affiliated with the mining industry.

The economic significance, depositional history, stratigraphy, mineralogy, and exploration / mining considerations of the various key resource areas within the province are discussed. Course participants received a course manual containing reference materials and self-directed learning exercises. These were also provided in the digital work product, in the case of online self-directed learning (SDL).

The participants were given opportunities to become more familiar with content through hands-on exercises such as handling rock specimens, examining/logging drill core and conducting learning exercises. Potential audiences / organizations that may find the lecture only or lecture and hands-on learning aspects of the short course of value are:

- Mining inspectors (Saskatchewan Government)
- Worker inspectors / supervisors (SK mine sites)
- Non-technical staff of mining operations with interest in understanding basic mining issues
- Non-technical professionals working in the minerals industry such as lawyers and investors
- Geologists, mine engineers or technologists new to a specific commodity (e.g. potash mining) or interested in a review or upgrade (continuing education) on specific topics
- Supporting mechanical engineers, electrical engineers, chemical engineers, and technologists
- Health and Safety Committee Members

[Northrim Shortcourse \(mapfeeder.net\)](http://mapfeeder.net)

PROJECT INFORMATION:

Proponent: North Rim / RESPEC

Project Duration: February to December 2016

Project Cost: \$135,000

IMII Contribution: \$135,000