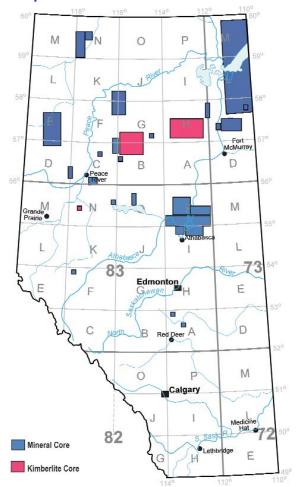
Areas for Which There Are Mineral Core Samples at the MCRF (as of March 2002)



For more information on the Mineral Assessment Reports or the Mineral Core, contact

Tim Berezniuk, Alberta Geological Survey

Phone: (780) 427-3791 Fax: (780) 422-1459

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For an appointment to log, view, or sample the mineral core or rock samples at MCRF, contact

Rob Natyshen, Alberta Geological Survey

Phone: (780) 466-1779 Fax: (780) 422-0347

E-mail: <rob.natyshen@gov.ab.ca>

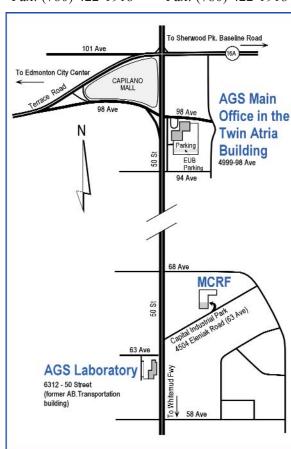
Contact Information

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Alberta Energy and Utilities Board

Alberta Geological Survey



Alberta Geological Survey Mineral Core Research Facility and Mineral Assessment Reports







The Facility

The Mineral Core Research Facility (MCRF) has a high head warehouse area for core storage, two viewing/display areas for layout of core and a visitors office. The area is 1235 square metres, plus 310 square metres on the mezzanine.

Role and Mandate

The Alberta Geological Survey (AGS) assists Alberta Energy in administering the Metallic and

Industrial Minerals Regulations of the Mines and Minerals Act for the Province of Alberta. Under these regulations the Crown collects mineral core and rock samples from companies working on mineral permits. These materials are publicly available, after a confidentiality period, for mineral exploration and research use by prospectors, mineral exploration companies and academia

The MCRF currently contains 41 682 metres of mineral core and 17 000 rock samples, primarily from the exposed Precambrian Shield of Alberta.

Mineral exploration companies and prospectors account for about half of the users requesting to see and sample the core. Federal and provincial geologists account for another third of the users and are the primary users of the rock samples. Graduate students and university staff request access to both core and rock samples every year, and materials have even made it onto Canadian television programs.

History and Background

A diamond drill core selection and storage program was started by the Alberta Energy and Natural Resources Department in 1979. The submission of core drilled during exploration for metallic and industrial minerals is required by the Metallic and Industrial Mineral Regulations, as part of the

exploration approval process. The AGS was

contracted to prepare a facility to store and manage the core and to select core and samples on behalf of the Department. In the early 1980s, a research component was added to the function and the facility came to be called the Mineral Core Research Facility (MCRF). When the AGS was transferred to

Alberta Energy in 1995, the activity ceased as a contracted function and became an integrated activity of the Mineral Agreements Branch and the AGS. In 1996 the AGS moved to the Alberta

Energy and Utilities Board, where it continues to deliver the basic functions described in the Regulations.

Mineral Assessment Reports

Assessment reports are the record of geological, geochemical, geophysical and other exploration work completed on mineral claims (exploration permits). They provide an essential source of data

for prospectors and geologists.

Assessment reports are useful to subsequent property holders in that they provide information that can be used to advance the prospect, rather than duplicating work already done by a previous mineral rights holder



Due to the Regulations, assessment reports remain confidential for one year after submission. The AGS has a total of 675 assessment reports on file, dating from 1949 to 2002. All non-confidential reports are available for viewing, and copies may be ordered from the AGS Information Sales office.

