

New Brunswick. The natural resources department has two branches providing services to the mining industry, a mines branch and mineral resources branch.

The mines branch administers safety regulations. Mines and associated plants are inspected regularly and mine rescue training is conducted. Mineral statistics reports and reviews of mining operations are prepared.

The mineral resources branch provides the mineral (including petroleum) and construction industries with basic geological, geochemical and geophysical data to assist in the discovery, development and utilization of the province's mineral resources. The administration of Crown-owned mineral, petroleum-gas, bituminous shale and granular aggregate resources is the responsibility of this branch. This includes issuing prospecting licences, recording mining claims and issuing mining licences and leases. Regional offices and core libraries are maintained at Sussex, Fredericton and Bathurst. Reports and maps pertaining to exploration work filed for assessment credit are kept in these offices and are available to the public.

Quebec. A mines branch of the natural resources department implements the Mining Act and the Mining Duties Act. The branch incorporates three directorates: geology, mining domain and mineral economics and development. The geology directorate offers six services: geological exploration, mineral deposits, geotechnics, technical documentation, cartography and technical revision. The directorate undertakes the geological study of the province and produces detailed area reports and geoscientific maps. The geotechnics service deals with developmental problems of particular environments and their geological setting.

The mining domain directorate includes a mining titles service, mines inspection service and engineering service. The directorate controls the mining rights granted on Crown lands, registers mining claims and issues development permits or special permits governing sale or rental of lands for mining purposes. It ensures that holders of mining rights carry out development work prescribed. Mine inspectors verify that working conditions in mines, quarries and mills conform to safety standards. The directorate is also responsible for carrying out whatever engineering work is required to open up new mining areas or operations, including building of access roads and mining townsites.

The economics and development directorate is concerned with optimum use of Quebec's mineral resources in line with both development and conservation. Three services are now being organized: development, economic evaluation and promotion. The directorate's aim is to identify and promote projects that lend themselves to quick and tangible results in development of mineral resources. It arranges studies on marketing, financing, transportation, development and exploitation techniques, profitability and other criteria affecting mineral resource development. Included is a mineral research centre for metallurgical research and development.

Ontario. A mines division of the natural resources ministry promotes and regulates use of available supplies of minerals by resource products industries. The division has four branches.

A mineral resources branch, essentially a planning group, ensures the orderly development and use of non-renewable resources.

The geological branch encourages exploration through geological, geophysical and geochemical surveys of the province, publication of maps and reports on mineral occurrences and education of prospectors and others involved in mineral exploration. It is also responsible for a mineral exploration assistance program designed to stimulate exploration in the Red Lake, Geraldton-Beardmore, Kirkland Lake and Cobalt-Gowganda areas. Atikokan and Eastern Ontario areas were included in 1974 and 1975. One-third of the cost of exploration to a maximum of \$33,333 is provided to small- and medium-sized companies to explore in these areas.

The research branch is composed of the assay laboratory in Toronto and the Temiskaming laboratory in Cobalt. The assay laboratory provides assay and analytical services and conducts investigations to aid in discovery and development of mineral deposits. It serves the mining industry and the public at large. The Temiskaming testing laboratory operates a bulk sampling and assay laboratory to assist producers in marketing their silver-cobalt ores.