

The prospectors' school gives basic training in geology, mineralogy and prospecting and exploration techniques to future prospectors. Prospecting has become a skilled and specialized trade and instruction in this field will help young men to get a start in a profession very vital to the mining industry of Canada.

The prospectors' assistance plan, which is intended to encourage prospecting, assists bona fide prospectors by way of equipment and transportation and provides technical advice regarding geologically favourable areas.

The native trainees plan has a twofold purpose: (1) to train the Indians and Metis in the northern part of the Province to recognize the common minerals so that, as they go about their usual work, they will be aware of mineral indications that may be of value; (2) to train them to a point where they may be used as prospectors for the exploration companies and, by so doing, extend their means of livelihood beyond the hunting and trapping field.

**Alberta.**—Alberta Government assistance to the mining industry is diversified in character. The Mines Division of the Department of Mines and Minerals regulates coal mines and quarries and maintains standards of safety by inspection and certification of workers. The Workmen's Compensation Board also maintains safety standards and trains mine-rescue crews. The oil and gas industries are served in a similar way by the Petroleum and Natural Gas Conservation Board. Its regulatory measures, however, are also concerned with the prevention of waste of oil and gas resources and with giving each owner of oil and gas rights the opportunity of obtaining a fair share of production. This Board also compiles periodic reports and annual records which are of invaluable assistance in oil development in Alberta. The mining industry is also served by the Research Council of Alberta which has made geological surveys of most of the Province and has carried forward projects concerned with the uses and development of minerals. The Council has studied the occurrence, uses and analysis of Alberta coals and their particular chemical and physical properties, the use of coals in the generation of power, the upgrading and the cleaning of coal and has also studied briquetting, blending, abrasion loss, shatter and crushing strength, asphalt binders and dust-proofing of coal. The Council's work with bituminous sands has helped with the development of the hot-water separation process and the operation of pilot plants. Studies have been made of glass sands, salt, fertilizers, cement manufacture and brick and tile manufacture.

The Province from time to time has had commissions examine various aspects of the mining industry when it was considered that their findings would be of assistance in developing such industries. In a recent move, the Province, together with the Canadian Association of Oil Well Drilling Contractors and the Western Canada Petroleum Association, has maintained a detailed supervisory and safety training program concerned with the drilling of oil and gas wells.

Of assistance also to mining companies and oil companies are the special deductions provided for in the Alberta Corporation Income Tax Act. These follow the parallel provisions in the Federal Income Tax Act.

**British Columbia.**—The Department of Mines of British Columbia provides the following services: (1) detailed geological mapping as a supplement to the work of the Geological Survey of Canada; (2) free assaying and analytical work for prospectors registered with the Department; (3) assistance in the field to the