

workers; and (4) maintenance of a chemical and assay laboratory to assist the prospector and the professional man in the classification of rocks and minerals and the evaluation of mineral occurrences.

Saskatchewan.—The assistance given to the mining industry by the Saskatchewan Government consists of: (1) the maintenance of a geology department, under a principal geologist; (2) resident geologists stationed in or near the principal mining areas; (3) geological survey parties and reports; (4) prospectors' school; (5) prospectors' assistance plan; and (6) native trainees plan.

The Geology Department has its headquarters at Regina. The principal geologist and staff are available at all times to give information and other help to interested parties.

A resident geologist is stationed at Uranium so as to give all possible assistance to prospectors in this area. During the summer months, geological survey parties study and map attractive areas and prepare reports which are made available to anyone interested. 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 Métis 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 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 up-grading and the cleaning of coal and has also studied briquetting, blending,