

Limited, Kirkland Minerals Corporation Limited, Sylvanite Gold Mines Limited, The Teck-Hughes Gold Mines Limited and Upper Canada Mines Limited. In the Thunder Bay district both MacLeod-Cockshutt Gold Mines Limited, the chief producer, and Leitch Gold Mines Limited increased milled tonnage slightly.

Quebec's 1957 output declined by 29,164 oz. t. to 1,006,895 oz. t. valued at \$33,781,327. Only 11 auriferous-quartz mines were producing. In the Cadillac-Malartic district, the province's main gold-producing area, East Malartic Mines Limited registered an increase in output of 21 p.c. and Canadian Malartic Gold Mines Limited increased its production 15 p.c. With the closing of Sullivan Consolidated Mines Limited, however, the Bourlamaque-Louvicourt district had a 6-p.c. decrease but Lamaque Gold Mines Limited, Quebec's largest gold mine, increased production by approximately 3 p.c., and Bevcou Mines Limited by 17 p.c. In Noranda-Duparquet-Belleterre, Eldrich Mines Limited shipped 8,600 tons of gold ore a month to the smelter of Noranda Mines Limited for use as flux. Elder Mines Limited also shipped to Noranda for the same purpose. Gold from Quebec's base-metal mines in 1957 decreased 1,352 oz. t. to 406,545. The following year Sullivan Consolidated Mines Limited was reopened and production for the entire province rose 5.4 p.c.

Northwest Territories production in 1957 fell 12,651 oz. t. to 340,018 (valued at \$11,407,604) and finally to 335,720 oz. t. in 1958. The chief producers were: Giant Yellowknife Gold Mines Limited and the Con and Rycon mines of The Consolidated Mining and Smelting Company of Canada Limited, whose 1957 production eased slightly, and Consolidated Discovery Yellowknife Mines Limited, which that year had a 12-p.c. increase and the greatest gold production in its history.

In 1957 British Columbia, reversing a downward trend under way since 1948, showed an increase of more than 32,421 oz. t. over its 1956 output. This was a reflection of a 41-p.c. increase at Bralorne Mines Limited, the province's leading gold mine. The other producers were Pioneer Gold Mines of B.C. Limited in the Bridge River area and The Cariboo Gold Quartz Mining Company Limited in the Wells area. The 1958 output of the province was slightly lower.

Manitoba's production dropped by 224 oz. t. to 120,008 oz. t. valued at \$4,026,268. Output from the mine of Nor-Acme Gold Mines Limited at Snow Lake, the main auriferous-quartz source, held at the level of the previous year but in 1958 the mine was forced to close. Minor amounts (totalling less than \$6,000,000 in 1957) of gold are produced, largely as a by-product of base-metal mining, in Yukon, Saskatchewan, Alberta, Newfoundland and Nova Scotia.

Exploration and development work lagged somewhat in 1957 with no new mines coming into production, but interest rose noticeably in 1958 partly owing to the prospects of increased returns under the Emergency Gold Mining Assistance Act. Government financial assistance to gold mines facing abnormally high operating costs was extended to the end of 1960 and increased by 25 p.c. Some of the programs under way are mentioned below.

In Ontario's Porcupine district, Broulan Reef Mines Limited continued a major development program at depth; Delnite Mines Limited were opening three new levels and Aunor Gold Mines Limited increased its mill rate and were working on a new block of levels between 2,125 and 2,900 feet. In the Kirkland Lake camp, Wright-Hargreaves completed the sinking of its No. 6 shaft and was developing six new levels; and Upper Canada Mines Limited were shaft-sinking to the 4,825-foot horizon to provide eight new levels. In the Red Lake district, Robin Red Lake Mines Limited undertook a drilling program and New Dickenson Mines Limited deepened its shaft to open four additional levels.

In Quebec, Canadian Malartic Gold Mines Limited and Barnat Mines Ltd. carried out diamond-drilling programs, the latter reporting the discovery of an important ore zone at its 900-foot level. Other development work was undertaken by East Malartic Mines Limited, Sigma Mines (Quebec) Limited, Malartic Gold Fields Limited and Norlartic Mines Limited.