

parts of veins, that otherwise would have been removed by erosion. It is probable, as I have said in another paper, that a great fault extending through Lake Temiskaming accounts for the absence of productive silver veins on the east side of the lake.

Owing to the economic importance of faults at Cobalt, careful search for similar structures, in other

mineral areas of Northern Ontario, should be made. While, for instance, certain gold deposits that have been worked in years past in Ontario have been found to have no great depth, it is possible that in other areas, owing to faulting, parts of veins have been carried down and preserved from erosion, thus affording much larger workable deposits.

PERSONAL AND GENERAL

Mr. R. J. Flaherty has returned to Toronto from Port Arthur.

Mr. J. B. Tyrrell returned from London last week. During his visit to England he examined several mines in Cornwall and elsewhere.

Mr. W. E. Segsworth was in Toronto on the 22nd and 23rd ultimo.

Messrs. W. F. Stanley & Co., Ltd., manufacturers of surveying and mathematical instruments, have taken new office accommodation at 286 High Holborn, London, Eng. They still retain the old premises at 4-5 Great Turnstile.

Mr. Robert Bryce is in Cobalt.

Mr. Geo. F. McNaughton, late manager of the Trethewey mine, Cobalt, is in Nova Scotia.

Mr. G. G. S. Lindsey spoke before the Toronto Branch of the C. M. I. on the 18th of January, an account of his speech will be found on another page.

Mr. Melbourne Bailey, manager of Mr. John Hopp's several hydraulic placer-gold mines in Cariboo district, B.C., is spending the winter at his home in Tacoma, Washington.

Mr. Wm. Blakemore, of Victoria, B.C., in the course of evidence he recently gave at a sitting of the British Columbia Labour Commission, after speaking strongly in favour of Trades Unionism, expressed the opinion that there was little or no cause for the existing strike of Union coal miners at the mines of the Canadian Collieries (Dunsmuir), Limited, Vancouver Island.

Mr. S. G. Blaylock, of Trail, B.C., assistant general manager, has been one of the chief spokesmen for the mine owners of Kootenay before the Board of Investigation and Conciliation appointed in connection with the demand of metalliferous miners for an advance in wages at mines in that district.

Mr. J. W. Bryant, formerly chief mining engineer for the Tyee Copper Co., Ltd., when that company's mining activities were important in the Pacific coast districts of British Columbia and Alaska, recently contributed to The Mining Magazine, London, an article on "A New Copper District," in which information is given concerning Rainy Hollow district, in the extreme north-western part of British Columbia.

Mr. C. Victor Brennan (B.Sc., McGill, 1908), of Bingham, Utah, chief mining engineer for the Utah Consolidated Mining Co., on January 7 married, at Vancouver, B.C., Miss Alice Graeme McMynn, daughter of Mr. Wm. Graham McMynn, for years Gold Commissioner at Greenwood, B.C. Mr. and Mrs. Brennan will have their home at Bingham.

Following Mr. Herbert Carmichael's voluntary retirement from the position of Provincial Assayer for British Columbia, Mr. Wm. Fleet Robertson, Provincial Mineralogist, has added the direct charge of the Provincial

Assay Office to his other duties. The Assistant Assayer, Mr. D. E. Whitaker, will continue to give the whole of his time and attention to the assaying and analytical work of the office.

Mr. Kenneth B. Carruthers (B.Sc., McGill, 1908) is in charge of the Molly Gibson silver-lead mine, in Nelson mining division, British Columbia, for the Consolidated Mining and Smelting Company of Canada, Ltd.

Mr. A. F. Eastman, manager of the mining department of the Tacoma Steel Co., which owns the Marble Bay copper-gold mine at Van Anda, Texada Island, B.C., was taken seriously ill at the mine early in December. Later he was removed to his home at Tacoma, Puget Sound, Washington. After about five weeks' illness, he is convalescent.

Mr. Thos. Gough, manager of the Kootenay Gold Mines, Ltd., operating the Granite-Poorman gold mines and 20-stamp mill near Nelson, B.C., has been in Victoria on a short business visit.

Mr. Alexander Grant, for a number of years manager of the Marble Bay mine, Texada Island, B.C., both when it was owned by Messrs. Christie and Palmer, of Toronto, and after its sale to the Tacoma Steel Co., is spending the winter at San Diego, California.

A Boundary district newspaper states that Mr. E. Hibbert, superintendent of mines for the British Columbia Copper Co., is about to leave British Columbia to take charge of a mine near Sudbury, Ontario.

Mr. Robert R. Hedley has during recent months been active in promoting the interests of the Chamber of Mines, of Vancouver, B.C., of which institution he is chairman.

Mr. John Kirkup, for years Gold Commissioner for the Trail Creek mining division, with headquarters at Rossland, B.C., has been transferred to Alberni, Vancouver Island, the Provincial Government having acceded to his wish that he be given an appointment on the Coast. He is now Government Agent at Alberni.

Mr. Andrew G. Larson has returned to Vancouver, B.C., from a trip to Colorado and Montana.

Mr. Thomas Kiddie is now resident at West Alhambra, California, the state of his wife's health necessitating a change from the colder winter climate of British Columbia.

Mr. J. W. D. Moodie, vice-president and general manager of the Britannia Mining and Smelting Co., has returned from a trip to New York and other eastern parts, and is now continuing the active direction of the important developments underground, and additions to power, transportation, and ore-concentration facilities in connection with the Britannia copper mine. Between 600 and 700 men are employed by the company, which in 1912 increased its output of ore by nearly 100 per cent. (to 193,000 tons) as compared with its 1911 output.