

"Mr. White's time was occupied in the office in plotting the field notes of his survey of the Kingston and Pembroke Railway mineral district, and in the compilation of the map of the same. He was also engaged in revising proofs of maps, and in other work in connection with the investigation of the phosphate district of Ottawa county, Que.

"During the summer season the field work prosecuted was as follows:—

"My own time was occupied from the middle of July until my return in the middle of November, in an examination of the new and important discoveries in the mining districts of West Kootenay, British Columbia. In returning, the following visits were made, viz., to the cinnabar deposit near Kamloops Lake; to Nelson and Vernon, B.C.; to the coal mines of Canmore, Anthracite and Lethbridge; and to Rat Portage, Ont., for the purpose of collecting general information regarding mining developments, and in connection with the organization of the work of the division.

"Mr. Brumell made a tour for the purpose of collecting general information regarding mining developments and discovery in Nova Scotia, New Brunswick, Quebec and Ontario.

"Mr. White was engaged in finishing the surveys for the before mentioned map, and incidentally in collecting statistics and general mining information.

"It may not be amiss to summarize the conclusions arrived at as a result of the studies prosecuted in the new mining camps of West Kootenay.

"As it was of course, impossible to properly examine all the mineral deposits known to exist in any of these districts in the time at disposal, selections were made which should, as far as possible, be illustrative of the different districts and varieties of deposits. The local features of these, as far as exposed by the developments made, were carefully studied and illustrative specimens for the museum were collected, together with samples for assay. In the camps tributary to Illecillewaet, on the Canadian Pacific Railway, visits were made to the older claims in the immediate vicinity of that place, as well as to the newer discoveries in the Fish River valley and around Copper Hill. These comprise the following claims, viz.:—The Lanark, Maple Leaf, Isabella, Bluebell, Jumbo, Sanquahar and Cariboo, near Illecillewaet and the Gold Hill and Copper Hill group of claims. In the Fish River valley the chief points examined were the Elizabeth, Edinburgh, King Solomon, Herringback and Fishburn claims.

"In the Illecillewaet district proper, beyond some prospecting and assessment work little was being done at the time of my visit; but development work was being conducted by Messrs. Ryckman, M.P., and Scott and by Messrs. Fishburn & Co., in the Fish River valley. The general description of the Slocan veins given below will serve equally for those of the Illecillewaet and tributary districts.

"The Slocan district on the west side of Kootenay Lake was visited during September and October.

"These new discoveries, made in the fall of 1891 and spring of 1892, are situated about the headwaters of the Kaslo River, and between there and Kalso City on the west shore of Kootenay Lake. A number of discoveries were made later in the year on the shores of Slocan Lake between the Columbia River and Kootenay Lake. These could not, however, be visited, owing to lack of time; and for the same reason it was found impossible to visit other discoveries in the Lardo River country and at various other points in the valleys of the Lower Kootenay and Columbia Rivers about which very glowing accounts came to hand.

"Kaslo was reached in the beginning of September, and after all necessary arrangements were made the trail up the valley of the Kaslo River was followed to Bear Lake, on the divide between that valley and the watershed of Slocan Lake and River, and trips were here made to the various groups of claims distributed along the route.

"Bear Lake was reached on the 19th of September, and an attempt made to reach the important group of mines on the surrounding mountains, but this purpose had to be temporarily abandoned, owing to the early advent of snow which effectually had everything at that elevation. Whilst waiting for the melting of the snow, a short examination was made of the Ainsworth Camp for the purpose of comparing the conditions there with those of the Kaslo-Slocan camps, and thus connecting the work with that done by Dr. G. M. Dawson in 1890.