

a long cut. Some of the beds are fossiliferous, and collections of fossil plants were made. At Mile 194 a thick band of coarse, greyish tuffs and volcanic breccias, cut by nearly contemporaneous andesitic dykes, was examined. This band is included in the Hazelton formation, of Upper Jurassic age. The ordinary rocks of this formation consists of dark feldspathic sandstone and shales, interbanded with occasional andesitic sheets. They are exposed in numerous cuttings along the railway track westward to Mile 124, and stops were made at two points to examine them. Specimens of the epidotized volcanic rocks of the Kitsulas formation were collected at Kitsulas cañon and in passing through the Coast range collections were made of the normal batholithic granodiorites, the basic schists included in them and the pegmatitic and other dykes cutting them. The last stop of the trip was made at mile 16, at a section of the Prince Rupert schists west of, but near, the western edge of the Coast Range batholith, where interesting contact effects of the batholith on the bordering sedimentary rocks were examined.

Prince Rupert was reached at 7.30 p.m. and at 10 p.m. the *Princess Maquinna* returned from Granby bay and the excursionists going north went on board. The following members of the excursion returned to Vancouver by S.S. *Prince George*. G. G. ATKEN, L. CAREZ, Mme. CAREZ, J. CHARBONNIER, J. DEPRAT, W. F. ROBERTSON, R. S. G. STORES.

Trip to Granby bay.

The members of C 8 excursion not taking excursion C 9 up the Skeena, spent the day in Prince Rupert as the guests of the City and the Board of Trade. The programme included a motor-boat trip to see the harbour, the new city water-works, cold-storage plant and dry-dock and a motor-car trip about the city. The Prince Rupert club extended its privileges to the members. At 10 p.m. the party sailed for Granby bay on the *Princess Maquinna*, under the leadership of Mr. R. W. BROCK. Anyox, the new town of the Granby Consolidated Mining Smelting and Power Company, was reached at 8 a.m. on August 31 and the party were met by Mr. O. B. SMITH, Mr. W. A. WILLIAMS, and other officers of the company. A train specially prepared for their convenience conveyed the party to the mine. The new railway cuts afforded opportunities to see the rock formation, and from the train a good view was obtained of the dense coast vegetation. After spending several hours examining the surface geology and ore outcrops and studying the underground geology of the large copper-ore bodies, the party again entrained, and were taken through the smelting and power plants, in course of construction, after which they returned to Anyox. The company's fine new hotel was formally opened by a luncheon provided to the excursionists by the company. The very pleasant and instructive visit to this new mining camp was then brought to a close, the afternoon being spent in sailing down Observatory Inlet and Portland Canal. After a stop of a few minutes at Port Simpson, the *Princess Maquinna* returned to Prince Rupert to pick up the members who had accompanied Excursion C 9.