

plans to construct an aerial tramway from the mine down to the Canadian Pacific Railway on the opposite side of Kootenay river; also to install an electrically driven compressor, power to be obtained from the Nelson City power system by connecting with its main transmission-line that passes some distance below the *Eureka* mine.

Granite-Poorman.—This property, formerly operated by the Kootenay Gold Mines, Limited, was worked in 1915 under lease and bond by the Crilly-Wilson Syndicate and sub-lessees. The most important development-work done under the new regime was that of sinking a shaft on the *Hardscrabble* to a depth of 110 feet, following down a quartz vein, in places 3 feet in width, of ore of good grade. A level has been opened at 100 feet depth, and the showing of ore continues to be good as the drift is advanced. The sub-lessees working in the *Greenhorn* mine are also getting out ore and are planning extended development to cut the ore-shoot on another level. Ore is also being extracted from the *Poorman* mine. The *Granite* 20-stamp mill has been overhauled and the machinery and plant put in good running-order. About thirty men have been regularly employed in mines and mill.

Smaller Gold-mines.—For nine months of 1915 the *California* was worked under lease with an average of eight men employed. No. 2 tunnel was extended 180 feet, and a raise was made 60 feet in ore to connect with an 80-foot winze sunk from No. 1 tunnel. A new cabin was built. Ore shipped to Trail totalled 110 tons, stated to average in value \$35 a ton in gold and 3 oz. in silver. In the *Venus* ore was stopped during the first half of 1915; operations were discontinued in June. Twenty-five tons of ore was sent to Trail from the *Eschequer*, near the *Venus*. Three men were regularly employed throughout the year at the *Perrier*; some shaft-sinking and drifting were done and some ore milled. A new mill building and an assay office were erected late in the year. Other surface improvements were made, including completion of a pipe-line and installation of a Pelton wheel which runs a three-drill compressor and two vanners. An hydraulic jet-pump was also installed.

Silver King-Dandy Group.—These properties were not worked in 1915. It is not known why the Consolidated Mining and Smelting Company, which controls them, did not resume work after metal-market matters became normal.

La France Creek.—No ore has yet been shipped in quantity from mineral claims up this creek, there not being suitable facilities available for its conveyance a distance of eight miles down to Kootenay lake. A considerable amount of development-work has been done and it is claimed that the mineral showings are good.

Near Hall's Siding.—The *Fern* mine and some neighboring mineral claims were carefully examined last summer for Spokane men, who afterward bonded the *Gold King* group and made preparations for prospecting and developing some known occurrences of ore. After a road had been made 2,000 feet to connect with the Government wagon-road to Nelson, a vein was opened at intervals along the surface for about 1,000 feet, a prospect-shaft was sunk and an adit driven. Assay returns ranged up to \$25 in gold and 7 oz. silver a ton; it is stated that the average of 168 samples assayed was \$13.85 in gold and 2 oz. silver a ton. A steam-power plant, including compressor, hoist, and sinking-pump, was put in, and at the end of the autumn eight men were being employed on the property. One member of the syndicate operating the *Gold King* leased the *Fern* mine and had two men doing development-work in it.

Ymir and Neighbourhood.—The *Porto Rico*, situated between Hall's and Ymir, was again worked for a short time and a little gold was recovered, but seemingly results did not justify continuance of operations.

In Ymir camp three properties in particular have had attention in recent years—namely, the *Wilear*, seven or eight miles from Ymir, up the South fork of Wildhorse creek, and the *Dandee* and *Yankee Girl*, both within a mile or so of Ymir. Only the last-mentioned property was worked continuously in 1915. Little, if any, ore was shipped during the year from the *Yankee Girl*, operations having been largely restricted to driving a lower adit to the vein at a depth of 900 feet below the upper main level, and drifting both ways from where the vein was intersected, this drift