

Oro Denoro.—This mine has shipped about 243 tons of low-grade ore carrying gold, silver, and copper values.

Luma.—About 33,102 tons of ore has been mined and shipped from this mine to the Trull smelter. This ore carries gold, silver, and copper values, and also a fairly high percentage of iron. The mine is not in operation at this date, December 12th, owing to the strike at Trull.

Greenwood Mining Division.

Granby Consolidated Mining, Smelting, and Power Co., Phoenix.—This company has shipped approximately 500,000 tons of ore to the smelter at Grand Forks. This tonnage is considerably below the output for 1916 owing chiefly to labour troubles in the Crownst coalfields, which created a shortage in coke at the smelter, thereby causing the closing-down of the mines at Phoenix.

Canada Copper Corporation.—The *Mother Lode* mines have been running steadily throughout the year, with the exception of a few weeks on account of coke shortage at the smelter at Greenwood. The *Mother Lode* has shipped 174,500 tons of copper ore (mine-run) and 3,941 tons of sulphides to December 1st. The *Sunset* mine shipped 2,180 tons.

The *Big Copper* mine has been under lease to J. Pogg, who shipped 683 tons of copper ore—some to Grand Forks and some to the Greenwood smelter.

The *King Solomon*, which adjoins the *Big Copper*, shipped 267 tons of high-grade copper ore to Greenwood smelter.

The *Surprise No. 3* mine, about two miles west of Phoenix, is under lease to Mike Kanex, Joe Cunningham, and Axel Gustafsen. The lessees opened up a copper-ore body averaging about 2 feet wide, by stripping, and sunk a shaft on the ledge 40 feet in ore. Some assays from the shaft showed values to the extent of 1 oz. silver and 7 per cent. copper. This seems to be a promising prospect, and has shipped 7 tons to Grand Forks averaging 6 per cent.

The *Bikhorn*, near Greenwood, has been leased for some months to Howe & Matthews. The lessees have shipped 8 tons of silver ore to Trull.

The *Prince Henry* mine was leased for a few months to Johnson, Sortunne, Nelson & Christensen, of Phoenix. Seven tons of gold and silver ore was shipped to Trull.

The *Tip-top* shipped 25 tons gold and copper ore to Greenwood.

There has been considerable activity in Wallace mountain, Beaverdell, owing to the high prices of silver and lead.

The *Sally* has been leased to Geo. Hamby, and about 117 tons of medium-grade silver-lead ore taken out and shipped to Trull smelter and Grand Forks.

The *Bell* is also under lease to Oliver & McIntosh, and 192 tons of mixed-grade silver and lead ores has been shipped to Trull and Grand Forks.

The *Kokoro* claims, owned and worked by C. M. Barrett, also silver-lead, shipped 24 tons to Trull.

The *Standard* claim, owned by W. H. Rambo, Beaverdell, shipped 41 tons of fair-grade silver-lead ore to Grand Forks smelter.

The *Rough Fraction* shipped 17 tons to Grand Forks.

Several other prospects in the vicinity of Wallace mountain have been developed, including the following: *Scandia*, 40 feet of tunnel; *Rambler*, open-cuts; *Standard Fractional*; *Standard*, tunnel; *Naponce* group, tunnel and open-cuts; *Black Diamond*, tunnel and open-cuts; *Beaver*, tunnel and open-cuts; *Revenge* and *Sunset Fractional*, *Bell Fractional*, tunnel and open-cuts.

Two miles in a south-westerly direction from Carmi, some work has been done to develop the *Inyo* claim, a tunnel having been run 65 feet, also a shaft 10 feet, showing a good lead of silver-lead ore.

The *Nipper* claim has had considerable development-work done upon it, though no ore in-place has been discovered as yet.

The *Blue Jay*, near Phoenix, has shipped 26 tons of second-class gold ore to Grand Forks smelter.

Osoyoos Mining Division.

Spotted Lake. The Stewart, Calvert Company, Inc., Industrial Chemists, of Oroville, Wash., U.S., has been operating during the year at Spotted lake. Some 412 tons of magnesium sulphate has been shipped to the company's chemical-works at Oroville, Wash., U.S. This amount represents the tonnage for 1917 up to December 1st. The company estimates that about 350 to 400