

RECO AND GOODENOUGH.—These adjoining properties are worked together. Their silver-lead ores are of high grade. The zinc ore of the Reco is of a desirable character, and it carries high silver values. The tonnage exposed is not large. The Goodenough has about 800 tons of concentrating ore on the dump, which will average 50 per cent. zinc and nearly 100 oz. silver per ton.

RAMBLER-CARIBOO (McGuigan Basin.) — Zinc is associated with high-grade silver ores in this mine. Much of it has been saved when concentrating the silver ores, the intention having been to make a suitable zinc product of it later. It is estimated that there are 30,000 tons on hand, running about 13 per cent. zinc and containing as well a considerable percentage of argentiferous galena. This season's mill run will probably add some 20,000 tons more for later concentration for its zinc values.

ANTOINE (McGuigan Basin.)—No shipments of zinc have yet been made from this mine, but it is reported to have a quantity of zinc ore running high in silver. One lot of between 20 and 30 tons recently sorted out gave an average assay of 40 per cent. zinc, 75 oz. silver and two per cent. lead.

JACKSON (Jackson Basin.)—This mine has extensive deposits of zinc and galena. The zinc ore is in many respects similar to that of the Ruth mine, mentioned above. The Jackson concentrator is being re-modelled in order to save the zinc by-product. This mine shipped several thousand tons of silver-lead ore and concentrates in past years, and it is expected that it will be re-opened next summer and produce a considerable tonnage of both galena and zinc concentrates.

MONITOR (Three Forks.)—At this mine there are on the dumps approximately 3,000 tons of zinc blende mixed with galena and iron, which was sorted out when the silver-lead ore was being shipped. The English company owning the property will probably this year erect a concentrating plant with a magnetic separator, to produce a good grade of zinc concentrates.

IDAHO-ALAMO (Three Forks.)—In former years this property produced a large quantity of high-grade silver-lead concentrates. Its old concentrator has been remodelled with the object of producing a zinc by-product. The zinc and lead ores here require careful treatment to avoid losses by sliming.

MOUNTAIN CHIEF (Slocan Lake.)—This is an old silver-lead producer and croppings of very desirable zinc ore are found on the surface of the property.

BOSUN (Slocan Lake.)—The Bosun vein near the surface was narrow and the ore galena. As depth was made the vein widened and zinc came in and latterly the proportion of zinc was three times that of lead. Zinc shipments to date total 1,440 tons—620 tons each to Antwerp and Iola, Kansas, and 200 tons to the Canadian Smelting Works, Trail, B. C. The average metal contents of this ore were 48.1 per cent.

zinc, 71.3 oz. silver, 1.8 per cent. lead and 6.4 per cent iron. The ore averaged as well 13 per cent. silica, three per cent. lime and 20 per cent. sulphur. The mine has also shipped about 2,000 tons of high-grade silver-lead ore, which went to local smelters. The property was worked under several disadvantages, among them being that the best terms the management was able to make with the zinc smelter included payment for only 75 per cent. of the silver contents of its product, whilst shipments to Antwerp involved payment of a \$21 freight rate as compared with the \$13 rate now charged.

EMILY EDITH.—This mine is situated near the Bosun and its ore is of a similar character. No zinc has yet been shipped from it.

WAKEFIELD (Silverton.)—This mine is reported to have a large body of ore. The concentrator on the property was designed for treating high-grade silver ores. During a four months' run in 1903 it produced as a by-product 235 tons of zinc concentrates, which averaged 45 per cent. zinc, 44 ounces silver, five per cent. lead and three per cent. iron. The mill feed assayed on an average 14 per cent. zinc. The zinc was shipped to the Lanyon Zinc Company. As the concentrator has been modified to suit the changed conditions, this mine's shipments will probably be much larger this year.

HEWETT.—This mine is situated near the Wakefield. Mill tests show that the ore, of which there is a large body blocked out, is suitable for the production of a desirable grade of zinc concentrates. Not much ore has yet been shipped, but that sent out for its silver contents contained as well about 12 per cent. zinc. After a mill shall have been erected on the property a considerable tonnage of zinc will be produced.

GALENA FARM AND NOONDAY.—These properties are also in the neighborhood of Silverton. They have been idle for several years, and when they were worked it was for their silver-lead ores. The conditions for zinc are considered to be similar to those above mentioned in connection with the Hewett.

ENTERPRISE (Ten-Mile Creek.)—During 1903 about 1,000 tons of silver-lead-zinc ore were mined here and shipped to local smelters. The average assay value was 23.9 per cent. zinc, 157.9 oz. silver and 17.5 per cent. lead. The mine is now being worked under lease, and the ore is hand-sorted to reduce the zinc as low as possible on account of the penalty for the excess over 10 per cent. Aside from this assorted zinc product on the dumps there is not a large tonnage of zinc ore in sight.

BLUE BELL AND SILVER HILL (Kootenay Lake.)—There is known to be a large tonnage of low-grade zinc ore on these properties, but as they have not been worked for years no particulars are available.

SOUTH FORK OF KASLO CREEK.—The Province, Cork, Florida and Montezuma, among others on this creek, give promise of producing a considerable tonnage of zinc blende.