

tons, it will be seen that the total quantity of lead ore to reach the smeltery from East Kootenay mines in nine months of 1914 was approximately 25,000 tons. No authentic information is available yet concerning the placer gold output of Fort Steele division, but this is not likely to prove to have been more than a few thousand dollars in value.

West Kootenay.

Ainsworth Division.—During four weeks ended September 24, 232 tons of lead concentrate from the Bluebell mine, Kootenay lake, and 227 tons of silver-lead ore from the Maestro in Ainsworth camp, reached the Consolidated Co.'s smelting works at Trail. None was received from the Highland and No. 1 mines, both of which were shippers every month of the year until September. Development work has been continued at the Silver Hoard mine, also in Ainsworth camp, but no ore has been shipped from this mine since last January. The Utica, near the western boundary of the division, had two cars of ore reach Trail in September, but its output thus far this year has been comparatively small. Shipment recently took place of a car of marble from the quarry north of Kootenay lake to one of the prairie cities of the West.

Slocan Division.—There was less ore shipped from Slocan mines during the month of September than in any other month of 1914. One car of silver-lead ore from the Surprise, near Cody, and 169 tons from the Rambler-Cariboo constitute the total receipts at Trail. Both these properties are being worked now, as well as several others around Sandon.

There is little change in conditions at a number of other Slocan properties that were mentioned a few weeks ago. In regard to others—the California, near New Denver, is being worked in a small way under lease, and it is reported that indications of the nearness of ore show in a raise being made; work is being continued at the Apex, where a pipe line to bring in water for power purposes is a recent addition to plant; in McGuigan basin a crosscut adit from the Rambler-Cariboo main low level working to the Best claim has been arranged for, the Rambler-Cariboo company having contracted to drive this adit for Mr. A. W. McCune and associates.

Nelson.—The Pingree Mines Co., with the management of which Mr. J. L. Stamford, of Victoria, has long been actively connected, is employing six men on its property, situated on Eagle creek, a few miles from the city of Nelson. Mr. Frank E. Pearce is in charge of development, and some showings of nice looking copper-gold ore have been opened on the property. In the same neighborhood a number of placer gold mining leases have been taken up and arrangements made to work them as a partnership property. Water was brought on to a part of the ground last season, and a little coarse gold was won, but freshets took out the water supply line, so it is probable nothing more will be done until next season.

In the southern part of Nelson mining division there has been made a change in the wages at several mines. It has been announced by advertisement in the Daily News that as from October 1 the following scale will be in effect: Miners, \$3.50 a day; shovellers and trammers, \$3; and surface laborers, \$3. The mines affected by the reduction are the Ymir-Wilcox, near Ymir; Second Relief, in Erie camp; Emerald, H.B., and Zincton, near Salmo; and the Motherlode, on Sheep creek. For a year or more the Ymir Miners' Union has had a notice in the Daily News intimating that there is a

strike on at the Queen mine, Sheep creek, at which refusal was persisted in to pay \$4 a day as regular wages for miners, though it has been stated that in some parts of that mine \$3.75 was paid, but now the scale is the same as decided on for the other mines above-mentioned.

Work is being done, under lease, on the Golden Fawn, Sheep creek, by Anderson & Burnham, who have also leased the small stamp mill at the Nugget.

Rossland.—There has been a gradual increase in the quantity of ore shipped from Rossland mines during the three quarters of 1914. For thirteen weeks ended April 2, the total was 62,143 tons, an average of 4,780 tons a week; for thirteen weeks ended July 2, it was 65,782 tons, an average of 5,060 tons a week; for twelve weeks ended September 24, it was 71,495 tons, an average of 5,958 tons a week. The total quantity for the year to September 24 was 199,420 tons.

Trail.—The fiscal year of the Consolidated Mining and Smelting Company of Canada, Ltd., ended on September 30. Approximately 386,000 tons of ore was received at the company's smelting works at Trail during that period. This quantity gives an average of rather more than 32,000 tons a month, as compared with a little better than 27,000 tons a month for the fiscal period ended September 30, 1913. The average increase, therefore, has been about 5,000 tons a month.

A TUBULAR STEEL TRIPOD.

Several novel features have been introduced into the construction of the Morris folding tubular steel tripod, and these are described in bulletin Y17, of which a copy has been submitted to us by the Herbert Morris Crane & Hoist Co., Ltd. One feature which will appeal to users of this kind of lifting gear is the ability to fold up the tripod without removing any bolts or pins. A broad flange is provided on each foot to enable the tripod to carry a load on soft ground, and a square point gives a good "grip" on harder surfaces. Another new feature is that provision of a small pulley at the top of tripod by which a small rope can be used to haul up the heavy lifting block or to handle very light loads quickly. Every tripod is tested with a 50 per cent. overload, so that the safety of the user is always assured. It is also worthy of note that even in the one ton capacity the tripod is light enough for one man to carry on his shoulder. Those who have had experience of hauling around the home-made wooden shear-leg will be able to appreciate this feature to the full.

BYERS GALVANIZING PLANT.

The new galvanizing plant recently completed by the A. M. Byers' Company at their mills in Pittsburg contains the most modern and efficient equipment for manipulating the galvanizing process known to-day. The galvanizing specifications call for a coating of highest grade prime Western Spelter, and a deposit 100 per cent. heavier than that required in Government galvanizing specifications.

A NEW MORRIS CRANE.

An interesting new standard overhead crane has been introduced to the Canadian market by the Herbert Morris Crane & Hoist Co., Limited. A description of this crane is embodied in bulletin B9 just issued by the company.