

creek in the upper Stewart district this winter. Recent advices from that section are to the effect that ten or fifteen claims on the Highatt will be worked this winter. The claims, it is stated, are not more than 10 to 15 feet deep. No. 105, on Highatt was sold not long ago for \$3,500. The creek was first worked in the summer of 1903.

Messrs. J. B. Tyrrell and F. J. McDougall have made application for 2,000 inches of water from Australia and Melba creeks. The water is stated to be required for use in connection with the mining by hydraulic or other methods of the McConnell and Croteau concessions, both being on Indian River some distance below the mouth of Sulphur. Each concession is two miles in length up and down the river and a mile in width, one being on one side of the Indian River and the other directly opposite. Winter work is now well under way in the Paradise Hill section. There being much activity from 40 to 80 on Hunker Creek, where a very busy season is anticipated.

MINERAL PRODUCTION IN OCTOBER.

The Nelson *Tribune*, which goes to much pains to secure reliable data in respect to Kootenay mineral production, publishes the following report for October:

During the month of October the mines of the Kootenays and the Boundary district produced over 91,000 tons of ore that was treated at Canadian reduction works. The total is slightly less than that for September, due to partial stoppage of Granby work for a brief period. The shipments were divided as follows:

SILVER LEAD.

	Tons.
Payne, at Sandon	107
Slocan Star, at Sandon	359
Reco, at Sandon	63
R. E. Lee, at Sandon	15
Joe-Joe, Slocan district	20
Rouse, Slocan district	20
Idaho, at Three Forks	107
Ivanhoe, at Sandon	118
Comstock, at Silverton	42
Cripple Creek, at Slocan City	20
Kilo, at Slocan City	20
Nee-pawa, at Ten-Mile, Slocan Lake	20
Ottawa, at Slocan City	131
Bad Shot, Lardeau district	32
Old Gold, Lardeau district	10
Silver Cup, Lardeau district	125
Paradise, Windermere district	71
Alice B., East Kootenay	23
St. Eugene, at Moyie	1,731
North Star, at Kimberly	1,061
Antoine, at McGuigan	21
Bismarck, Slocan district	21
Last Chance, at Sandon	62
Majestic, Slocan district	25
Mercury, Slocan district	15
Mountain Con, at Cody	37
Red Fox, at McGuigan	16
Silver Glance, at McGuigan	25
Winona, Slocan district	15
Zuni, Slocan district	15

ZINC.

Payne, at Sandon	135
Ivanhoe, at Sandon	98

SILVER-COPPER.

Silver King, at Nelson	97
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IRON-GOLD.

Iron Mask, at Kamloops	469
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GOLD-SILVER.

Arlington, at Erie	87
Hunter V., at Ymir	950
Canadian King, at Erie	20

Queen, at Salmo (concentrates)	44
Relief, at Erie (concentrates)	20
Wilcox, at Ymir (concentrates)	20
Ymir, at Ymir (concentrates)	146

GOLD-COPPER.

Le Roi No. 2, at Rossland	2,019
View, at Rossland	85
Centre Star-War Eagle, at Rossland	12,193
Spitzee, at Rossland	30
Jumbo, at Rossland	1,406
Athelstan, Boundary district	890
Brooklyn, at Phoenix	7,750
Emma, at Eholt	6,166
Stemwinder, at Phoenix	60
Sunset, at Eholt	102
Granby, at Phoenix	39,300
Oro Denoro, at Eholt	340
Mother Lode, at Greenwood	14,310
Elkhorn, Boundary district	22
E. P. U., Boundary district	20
Providence, Boundary district	23

Total 91,155

In addition to the above are the shipments from Rossland mines to the smelter at Northport, about 10,000, and the ore that is milled at mines like the Ymir, Queen, Wilcox, and the mines at Camborne, say 5,000 tons more. The smelter at Grand Forks, besides treating British Columbia ore, received during the month 654 tons from the mines at Republic, Washington.

As compared with October, 1903, the total shipments show an increase of 2,118 tons.

The product of the smelters for the month as compared with the same month last year show a decrease in shipments of 778 tons of copper matte, an increase of 31 tons of blister copper, a decrease of 386 tons of lead bullion, and an increase of 496 tons of pig lead. The pig lead shipped went to Montreal, Toronto, and London (Ontario).

COAL MINING NOTES.

Fire broke out in the No. 4 mine at the Cumberland colliery during the month, but thanks to the energetic measures taken, it was successfully checked before much damage had been done.

According to reports received through the Canadian commercial agent in Japan, the Japanese naval authorities are experimenting with Comox high grade bituminous coals with a view to their use on Japanese men-of-war. The coal is held to be equal to the best Cardiff coal, being practically smokeless and in every respect an excellent steam coal.

The discovery is reported of a promising seam of coal six feet in thickness, near Enderby, arrangements for the development of which have been already made.

Twenty inches of good coal was encountered during November, at a depth in the shaft of 334 feet, at the Kamloops Coal Mines Company's mine on Coal Hill. It is proposed to continue sinking in the expectation of striking a larger seam. The coal is said to be of excellent quality.

Mr. A. R. Wilson, mine superintendent of the Michel collieries, is reported as stating that there are now 600 men employed at these mines, and an output of about 1,800 tons of coal, 700 of which is made into coke, is being maintained daily. Mr. Wilson anticipates a busy and prosperous winter season at Michel. Meanwhile the Nos. 3, 4, and 5 mines have been closed down, but operations at Nos. 8 and 9 are being more actively prosecuted.

An explosion of gas occurred at the No. 1 mine, Morrissey, on November 18th, resulting in the death of fourteen miners. The main level leading to the No. 1 incline and to the parallel level was found to be badly wrecked.

The International Company's collieries at Coleman are being very actively developed, and are now equal to pro-