

JEFFREY SCREENS.

This is a very handsomely illustrated catalogue published by the Jeffrey Manufacturing Co., of Columbus, Ohio, in which all classes of screening machinery manufactured at the company's works are fully described and priced.

HYDRAULIC PIPING.

The plant of the National Hydraulic Mining Co. operating at Beaver River, Cariboo District, was successfully and finally installed this month. This equipment includes 2,000 feet of pipe line, the pipe being 22 inches in diameter reducing to 9 inches. The piping was manufactured by the Vancouver Engineering Works, of Vancouver, and is pronounced by the mining company's engineer as being the best he has ever laid, every joint fitting perfectly, and there were absolutely no leakages.

MINING RETURNS AND STATISTICS.

BOUNDARY DISTRICT.

PRODUCTION from this district for the year to June 21st has been divided as follows:

	Tons.
Granby Mines, Phoenix.....	168,482
Snowshoe, ".....	1,080
Mother Lode, Deadwood.....	64,684
Sunset, ".....	1,370
B. C. Mine, Summit.....	1,680
Winnipeg, Wellington.....	785
Golden Crown ".....	625
No. 7 Mine, Central.....	310
Jewel, Long Lake.....	1,580
	240,596

ROSSLAND.

The average production of the Rossland mines is being maintained at a rate of rather over 6,000 tons weekly. Shipments for the year to date approximate 163,000 tons. To June 21st the returns were:

Le Roi.....	113,304
Le Roi No. 2.....	31,395
Centre Star.....	4,070
Rossland G. W.....	2,400
Giant.....	360
Cascade.....	300
Bonanza.....	90
Velvet.....	250
Spitzee.....	20
Total tons.....	156,704

SLOCAN.

Shipments through the port of Kaslo during 1902 have been as follows:

Month.	Tons.
January.....	1,725
February.....	1,868
March.....	1,660½
April.....	926
May.....	768
To June 21st.....	874½
Total to date.....	7,822

According to a table published by the New Denver Ledge the total returns from this district to date aggregate 14,500 tons. The following mines have contributed to this result:

	Tons.
Payne.....	390
Ivanhoe.....	275
Sunset (Jackson Basin).....	641
Reco.....	302
American Boy.....	490
Arlington.....	1,361
Hewett.....	642
Bosun.....	590
Last Chance.....	150
Wonderful.....	100
Enterprise.....	520
Monitor.....	565
Queen Bess.....	160
Silver Glance.....	37
Whitewater.....	2,170
Ottawa.....	8

	Tons
Neepawa.....	60
Hartney.....	25
Marion.....	80
May.....	5
Paystreak.....	7
Surprise.....	22
Slocan Star.....	404
Duplex.....	7
Emily Edith.....	20
Prescott.....	4
Rambler.....	1,867
Molly Gibson (since last report).....	1,500
Washington.....	30
Folliott.....	2
C. O. D.....	2
London Hill.....	15

From the Slocan City division the shipments to June 20th were:

	Tons.
Mine.....	
Arlington.....	2060
Enterprise.....	640
Ottawa.....	7
Neepawa.....	60
May.....	5
Paystreak.....	7
Duplex.....	5
	2784

ATLIN.

The first clean-up of the season on McKee Creek, representing 100 hours' piping, were made on June 19th, \$1,000 being recovered.

THE METAL MARKET.

QUOTATIONS during the month have remained stationary, silver alone having slightly advanced. The *Engineering and Mining Journal*, of New York, reports the copper market quiet with little new business and no material change in prices. Most producers are well sold up, and consumption is very large, as all manufacturers are exceedingly busy. In London the market has been rather flat, and standard copper is lower. Refined copper is steady, however, and standard is merely approaching more nearly the normal difference between that grade and electrolytic. Lake copper is quoted at 12¼ and 12½; electrolytic, 12 and 12¼ and casting copper, 12.

Copper production, as reported by Mr. John Stanton, who acts as statistician for the companies, showed an increase in May which was larger even than we had anticipated. The total output from the United States mines for the month was 25,763 tons, of which 21,763 tons came from the reporting mines, and 4,000 tons from the outside sources—that is, from the smaller mines and from the smelters who treat ores carrying copper with other metals. The total shows an increase of 3,371 tons, or 15.1 per cent. over May 1901. This gain, which indicates that the mines are now, as a rule, working very actively, was large enough to do much more than offset the decreases shown in the earlier months of the year. The total output for the five months to the end of May was 113,708 long tons, being greater than that for the corresponding period of last year by 2,715 tons, or 2.4 per cent. The indications are that June will show another large gain. The foreign reporting mines—including all the principal European mines—also show a large increase in output, their total for the five months having been 44,344 long tons, a figure which exceeds that of last year by 6,019 tons, or 15.7 per cent. Notwithstanding this greater production abroad the exports from the United States continue large. Although they were 3,814 tons less than the high level reached in March, they were only 141 tons less than in April; while the total for the five months was 83,439 tons, which is considerably more than twice the quantity—35,185 tons—reported last year. Up to the end of May this year we exported 73.8 per cent. of our total production, against 33.5 per cent. in the corresponding period last year.

Lead is in about the average demand, at unchanged prices. Consumption has been good this year. New York, 4.05 @ 4.10; St. Louis, 3.97½ @ 4.05.

Spelter is still somewhat excited, and the quotations show little change. There is a very good demand at 4¼ @ 5.

Silver continues to hold its own in demand and quotations, and even to show some improvement. Indian orders in London have been fair.