

63 tons, \$50; Hampton, 13 tons, \$250; Mercury, 21 tons, \$200; Dardanelles, 21 tons, \$50; Porcupine, 2 tons, \$50; Charleston, 11 tons, \$250; Pinto, 15 tons, \$85; Noble Five, 21 tons, \$65; Soho, 64 tons, \$55; or in round numbers 28,000 tons.

Shipments from the Slovan City Division aggregate 6,529 tons from fourteen mines.

BOUNDARY DISTRICT.

The Phoenix pioneer publishes the following table of 1902 shipments:—

	Tons.
Granby Mines, Phoenix	309,858
Snowshoe,	20,800
Mother Lode, Deadwood	141,326
Sunset	7,455
B. C. Mine, Summit	15,024
Emma,	8,530
Winnipeg, Wellington	785
Golden Crown,	625
Jewel, Long Lake	2,175
Providence, Providence	172
Miscellaneous	325

Total, tons..... 507,758

Granby Smelter treatment, tons..... 312,340

LARDEAU.

The Nettie L shipped 400 tons of ore in December valued about \$40,000 and the Silver Cup shipped 205 tons valued at \$25,625. The total shipments for the year 1902 for these two principal mines of the Lardeau is valued at \$217,000.

The shipments from other properties including the Guinea Gold, Triune and Ethel are expected to increase the value of the district's output for the year, to a quarter of a million dollars.

VANCOUVER ISLAND.

Last year the Yreka mines at Quatsino, on the west coast, shipped 190 tons of ore. From Alberni canal were sent 400 tons. The Marble Bay mines, Texada, shipped 9,000. From Mount Sicker the Lenora shipped 3,000 tons to the Crofton and Tacoma smelters, and the Tyce about 3,000 tons. From Princess Island and other places on the coast about 300 tons additional were shipped to the smelters, while about 1,000 tons of iron were sent from Texada Island to the Irondale smelter.

COAL EXPORTATIONS AND TRADE.

THE output of the Crow's Nest Pass Coal Company's collieries for the month of December shows a marked increase over any month since last spring. The following are the figures for the past three months, for the three collieries:

October	42,577 tons
November	34,410 tons
December	43,631 tons

November output was curtailed by the Michel strike.

The following shows the amount contributed by each camp for the month of December:

Coal Creek	19,336 tons
Michel	13,927 tons
Morrissey	10,369 tons

It is expected that the output for 1903 will reach the grand total of 1,000,000 tons.

Production from the Vancouver Island collieries last year was divided as follows:—New Vancouver Coal Company, Nanaimo, 490,000 tons coal; Wellington Colliery Company, 800,000 tons of coal and 15,800 tons coke.

The mines in the Crow's Nest produced during the year 441,000 tons of coal and 112,000 tons of coke.

In these amounts the coke production in each case is included in the coal mined. While therefore 1,731,000 tons of coal were mined in the Province during the year, there was, roughly estimated, about 200,000 tons, making 127,800 tons of this latter product.

Last year's total production was 1,703,827 tons coal and 127,533 tons coke.

TRADE NOTES, CIRCULARS AND CATALOGUES.

CRUSHING ROLLS.

THE Allis-Chalmers Company send us a copy of a new edition (the seventh) of Catalogue No. 8, which is devoted exclusively to the description of crushing rolls. The company's standard make of crushing rolls consists of three styles, the Style A, formerly known as the Gates High Grade Roll, Style B, formerly known as the Fraser & Chalmers Standard Roll, and Style C, formerly known as Fraser & Chalmers' Old Style Belt Roll. In this catalogue these rolls are fully described and illustrated. Tables of the standard and special sizes are also given. In addition the company manufacture an auxiliary line of crushing rolls.

WIRE ROPE TRAMWAYS.

The Trenton Iron Company's new book on Wire Rope Tramways, directs special attention to the merits of the Patent Locked-Coil Track Cable and Webber Patent Compression Grip, with Patent Automatic Attacher, (used only on Bleichert tramways). The little volume contains a vast deal of useful information and contains numerous illustrations of an interesting order. A diagram showing the details of the Bleichert system of wire rope tramways is also included.

A CHICAGO SCHOOL OF ASSAYING.

From the prospectus of the Chicago School of Assaying we gather that ten different courses of instruction are here given. These include a prospector's course; a short course in fire assaying, advanced courses in assaying, and course in geology, practical and theoretical chemistry, quantitative analysis and sanitary and domestic chemistry.

THE LESCHEN WIRE ROPE SYSTEM

The A. Leschen & Sons Rope Co. issue a new catalogue, plentifully illustrated and well printed, descriptive of the Leschen automatic system of aerial wire rope tramways as well as of the Leschen friction grip system, single line tramways, two-bucket tramways, etc.

ALLIS-CHALMERS QUARTERLY DIVIDEND.

At meeting of Board of Directors of the Allis-Chalmers Company, held January 15th, 1903, regular quarterly dividend on preferred stock was declared.

THE CANTON STEEL COMPANY'S NEW OFFICES.

The Canton Steel Company have opened new offices at 1621 to 1639 Seventeenth Street, Denver, Colorado.

YUKON OFFICIAL RETURNS.

A STATEMENT of the output of gold by the Klondike has been compiled by the Department of the Interior. The figures were obtained from Government records from 1897 to the 1st of January, 1903; from statements furnished by the Northwest Mounted Police for 1896, and from trading companies from 1885 to 1895, inclusive. The output year by year was as follows:

1885	\$ 50,000
1886	50,000
1887	70,000
1888	40,000
1889	175,000
1890	175,000
1891	40,000
1892	87,000
1893	176,000
1894	125,000
1895	250,000
1896	300,000
1897	2,500,000
1898	10,000,000
1899	16,000,000
1900	22,275,000
1901	16,304,682
1902	11,930,264
Total	\$ 80,930,956

RECENT PUBLICATIONS.

THE Songs of an English Esau, (Printer, Elder & Co., London,) collection of Mr. Phillips-Wolley's poems including The Kootenay Prospector, The Sea Queen Wakes, The Strathcona Cavaliers, &c., is now on sale. Orders received at the Mining Record Office. Attention is called to the reviews of this work in such papers as The London Times, Scotsman, &c.