

ZABAYKALSKY DIVISION

Nornickel commenced the construction of Bystrinsky GOK in 2013. In October 2017, Nornickel started the pre-commissioning activities. Bystrinsky GOK was commissioned in 2019 and reached its design capacity in 2020.

In 2020, Zabaykalsky Division accounted for 13% of the Group's total copper.

MINING

Bystrinsky GOK mines gold-iron-copper ores of the Bystrinskoye deposit.

ORE OUTPUT (MLN T)

Mining asset	Mine type	2018	2019	2020
Total ore		7.86	10.49	16.04
Bystrinskoye deposit		7.86	10.49	16.04
Verkhneidikansky open-pit mine	Open-pit	7.43	8.60	11.57
Bystrinsky-2 open-pit mine	Open-pit	0.43	1.89	4.47

CONCENTRATION

The concentrator construction commenced in 2015; the facility's purpose is to process ores of the Bystrinskoye deposit into copper, iron ore and gold concentrates. The key processing stages include crushing, milling, flotation, thickening, filtration and end product packaging. The concentrator has two processing lines. In 2020, it processed 9.76 mln t of ore (2019: 7.5 mln t). The increase was due to scheduled ramp-up to design capacity.

Copper and iron ore concentrates are sold via third parties, while gold concentrates are further processed at the Polar Division.

Products:

- Copper concentrate
- Gold concentrate
- Iron ore concentrate

CONCENTRATION FACILITIES

- Concentrator

PRODUCTION VOLUMES

Product	2018	2019	2020
Ore processing, mln t	3.8	7.5	9.8
Copper (in copper concentrate), t	19,417	43,489	62,663
copper content in the concentrate, %	25.4	25.5	24.7
Gold (in copper and gold concentrates), koz	89	177	241
gold content in the concentrate, g/t	6,218	4,034	3,050
Iron ore concentrate, kt	346	1,311	2,047
iron content in the concentrate, %	64.1	64.6	64.2