

# Berezovskoye deposit

## Akmola and North Kazakhstan regions

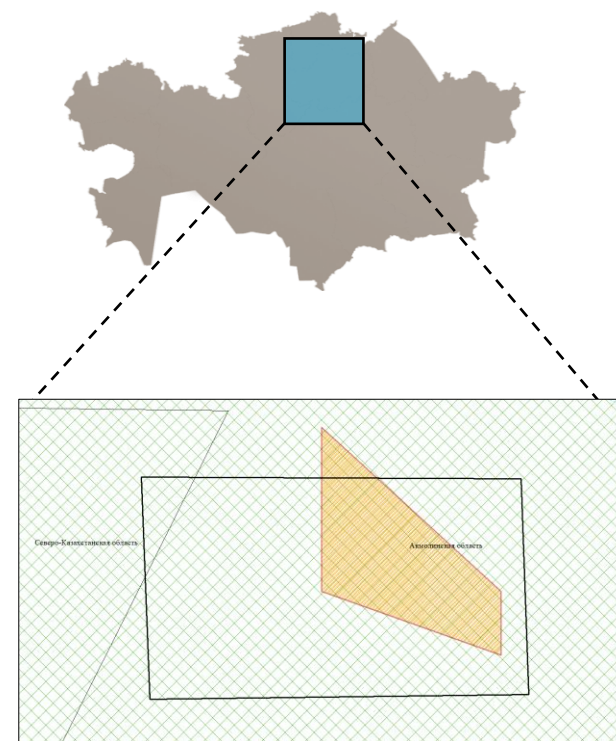
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


**Location:** 60 km northwest of Kokshetau in the North Kazakhstan region. The nearest railway station, Azat, is 45 km east of the field.

**Brief geological characteristics:** The Chegan deposits, which contain productive sands, lie on an uneven surface of eroded weathering crust. The ore-bearing sands are represented by well-sorted fine- and fine-grained varieties. Within the explored area, two ore-bearing sand deposits have been identified - Upper and Lower, as well as a number of individual lenses. Useful minerals are ilmenite, rutile and zircon. Quartz makes up 85% of the total mass of sands. The deposit is characterized by an increased zircon content. The deposit has been studied by wells along a network of 800x400 and 400x200 m, in the southeast 1600x400 m. The upper ore-bearing deposit has been traced along the strike in the northwest direction for 5.8 km with a width of 0.8 to 1.5 km. The thickness fluctuates between 0.5 and 2.5 m, the depth is from 2.5 to 9.0 m. The lower deposit is located in the southern part of the area, traced for 2.2 km with a width of 0.4 to 0.7 km. Individual lenses are opened by wells, have dimensions not exceeding 0.2x0.4 km. Sands of the Chegan suite are flooded, the waters are unconfined, they occur at a depth of 9 to 15 m. Well flow rates are from 0.1 to 1.6 l/sec, with drawdowns of 1.6-6.3 m. Water inflows into the quarry were estimated at 21.4 m<sup>3</sup>/hour.

Extract from the state inventory records as of 01.01.2024.

Useful component	Balance reserves	Off-balance sheet reserves
gold	A+B+C1 – 221.04 kg, C2 – 64.81 kg.	-
silver	A+B+C1 – 11.64 tons, C2 – 1.17 tons	-
lead	A+B+C1 – 0.36 thousand tons , C2 – 0.00 thousand tons	-
zinc	A+B+C1 – 1.77 thousand tons , C2 – 0.12 thousand tons	-



-  - the outline of the Berezovskoye deposit
-  - revoked contract of TOO "GPK Gorizont", Berezovskoye deposit (gold). Contract No. 2720 dated 21.07.2008 for exploration (revoked in 2022, there is a survey report dated 04.07.2024, the territory is not accepted, liquidation is required)
-  - license for GIN