

Mamontovskoye deposit

East Kazakhstan region

3

Location: in the north-eastern part of the Zyryanovsky ore region, located on the eastern wing of the Revnyushinskaya anticline structure.

Brief geological characteristics: The area of the deposit is characterized by a wide distribution of sedimentary and volcanic deposits of the Lower Carboniferous age, the development of synvolcanic and postvolcanic intrusive formations, faults of various directions.

The deposit has two ore zones: Eastern and Western.

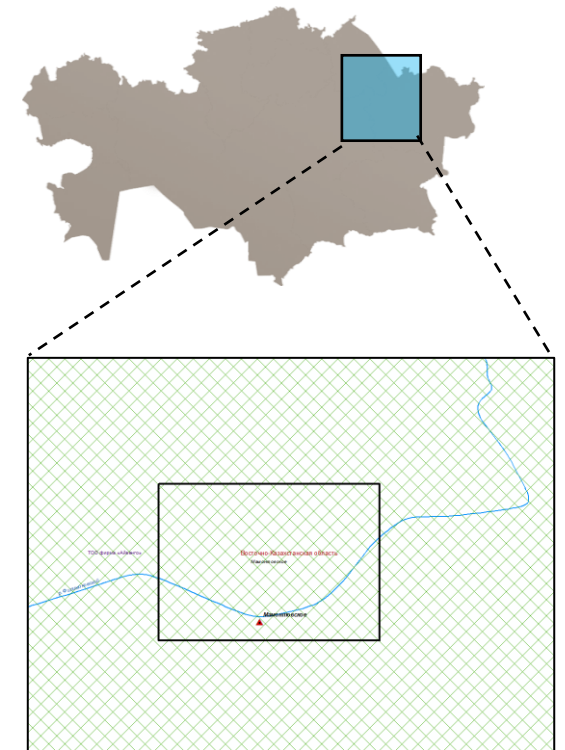
The eastern quartz vein zone extends in an echelon-like manner , with interruptions of up to 70 m to the northwest at an azimuth of 330-340°. Silicification in the zone has a substantially vein-like character. In sections, the veins form a "ladder type" with connecting "net veins". These are linearly elongated in plan and section veins gently lying at an angle of 25-45° with a thickness of up to 40 cm. Along the strike, the length of these veins reaches 125 m, along the dip up to 80 m.




The western zone occurs in aphyric andesitic porphyrites with “roots” in the endocontact of quartz diorites.

Silicification in this zone is vein-like and is represented by the following types of veins: steeply dipping, mesh-like, branching, and staircase-like.

Ore mineralization of the zone is represented by gold, silver, lead, zinc, and copper sulfides. The components are localized in nests, phenocrysts, and admixtures.

All ore bodies of the deposit have no natural boundaries and are outlined according to sampling data . Gold content ranges from 1.0 to 253 g/t, silver from 0.1 to 968 g/t.



-  - territory included in the State Natural Resources and Natural Resources Act for solid mineral extraction (Mamontovskoye field), for further auction
-  - licenses for GIN
-  - river

Extract from the state inventory records as of 01.01.2024.

Useful component	Balance reserves	Off-balance sheet reserves
gold	A+B+C1 – 68.0 kg; C2 – 803.0 kg.	-