

Chuuldak deposit, plot 1

Aktobe region

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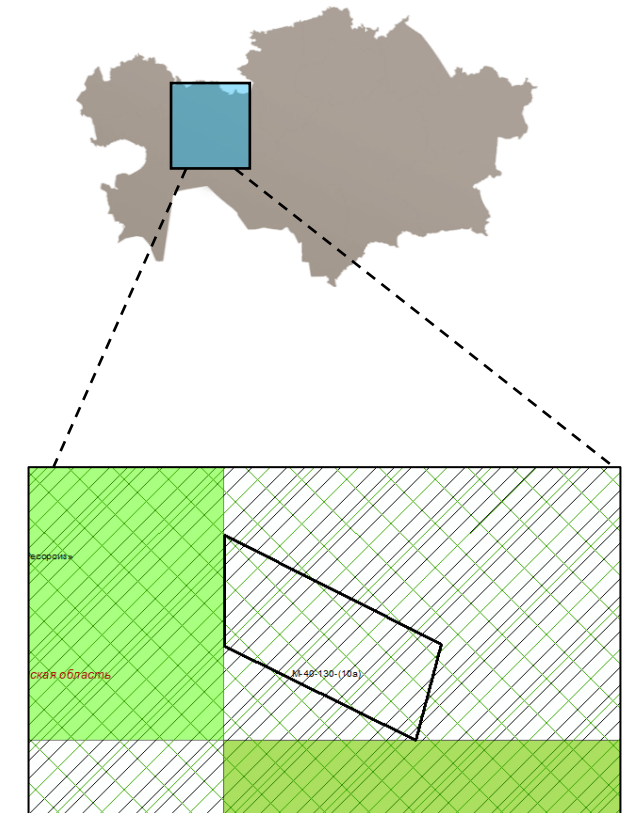
Location: located in the Mugodzharsky district of the Aktobe region.


Brief geological characteristics: Horizons, lenses and interlayers of manganese ores and manganized rocks are localized within the Shuldak horizon at its contact with deposits of the Milyashinskaya and Ulutau suites, associating with siliceous and clay-sandy-gravel formations. Industrial mineralization is controlled by the northern fragment of the Berchogur trough in its centricolinal closure. The eastern wing of the structure, where the main ore deposits are located, is characterized by a gentle bedding of rocks and ores at an angle of 20-40° to the horizon in the direction of the trough center. Fragments of ore bodies and the ore bodies themselves are subject to structural-tectonic control, localizing along the eastern edge of the syncline, and are dammed by effusive formations of the Middle Devonian.


Manganese mineralization localized within the Shuldak horizon is traced in the submeridional direction at a distance of up to 2-2.3 km. The main ore zones characterizing this horizon are the North-West, Central and South-East ore zones.


According to the material composition, the ore of the Chuuldak deposit belongs to the pyrolusite- psilomelane series of the silicate-manganese formation. In most cases, the ore is represented by pyrolusite, which is replaced by psilomelane to varying degrees.

The content of the useful component within the zones of manganese mineralization varies from 0.2-0.3 to 49.4-52.7%, and for the identified ore bodies, it fluctuates from 10.1 to 52.7%, averaging 20.41% for the deposit.



 Chuuldak field, plot 1), for further auctioning

 Chuuldak field . Contract No. 2052 dated 01.06.2006 for manganese exploration was terminated in 2017 (the submitted survey report states that the territory requires liquidation work)

 - licenses for GIN

Extract from the state inventory records as of 01.01.2024.

Useful component	Balance reserves	Off-balance sheet reserves
manganese ores	A+B+C1 – 47.9 thousand tons , C2 – 49.8 thousand tons	37.9 thousand tons