

## Kharkovskoye deposit (sections 1, 2, 3, 4)

### Kostanay region

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**Location:** in the Auliekol district of the Kostanay region, 20 km southwest of the Kushmurun railway station . Its northeastern part adjoins the Kushmurun deposit.

**Brief geological characteristics:** The deposit was explored in detail in 1947-50 (A.P. Tyurin, M.V. Bunina, G.T. Yukhno).

The coal-bearing deposits of the Kushmurun suite form a gently sloping brachysynclinal structure of north-eastern strike and contain 16 coal seams lying at a depth of 70 to 180 m. Their maximum thickness (in total) is 33 m. The most powerful seams are Moshchny, 4, 5 and 12. The coals are brown (B2), with an ash content of up to 22%, low-sulfur (0.8%), with a heat of combustion of combustible mass of 0.7 thousand kcal/kg.

The small thickness of the coal seams and their considerable depth make open-pit mining of the deposit impossible.

Extract from the state inventory records as of 01.01.2024.		
Useful component	Balance reserves	Off-balance sheet reserves
coal	A+B+C1 – 16782 thousand tons , C2 – 324 thousand tons	4482 thousand tons

