

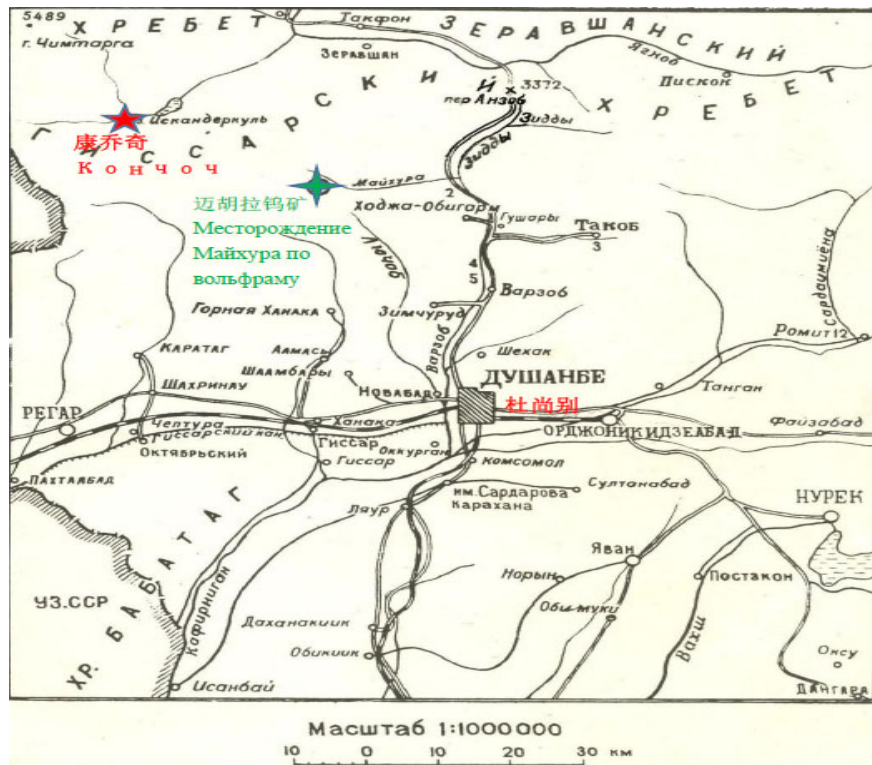


Summary of the Maykhura Tungsten Deposit



GENERAL INFORMATION

LOCATION



The Maykhura field is located near watershed part of the southern slope of the Gissar ridge, in the upper reaches of the

Maykhura River

Has an area of 0.5 sq. km Maykhura River

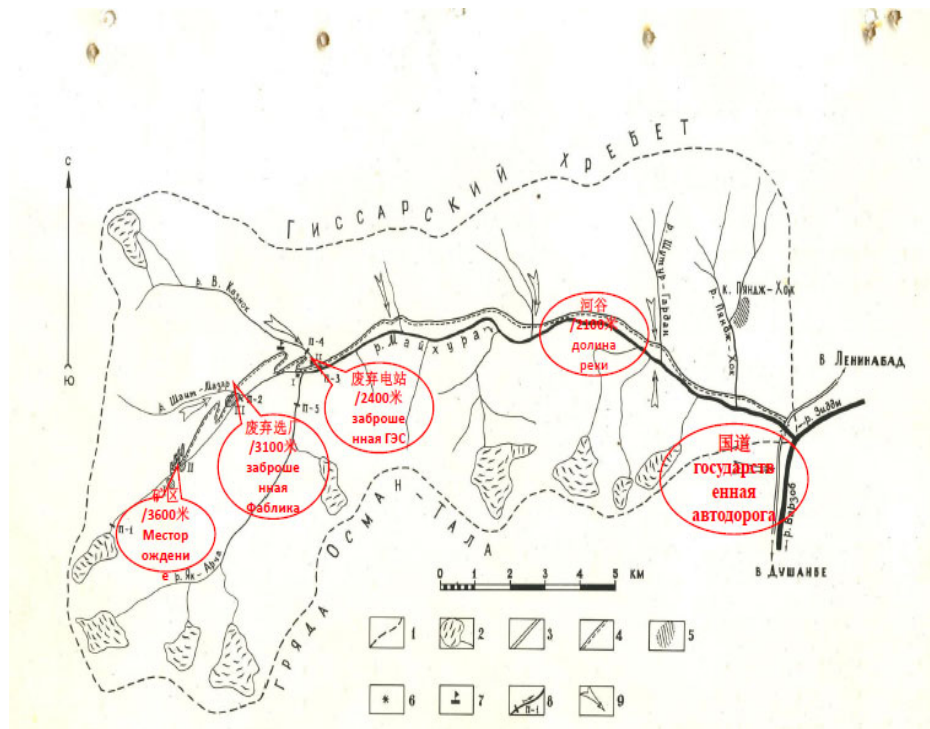
The deposit is located 97 kilometers away from Dushanbe city

Distance from the main road is 30 km



GENERAL INFORMATION

PHYSICAL MAP OF THE FIELD



Maykhura deposit is located on the southern slope of the Gissar ridge with an altitude of 3400-4160 meters.

Maykhura River

The valley of Maykhura has an altitude of 800-1600 meters with steep relief Maykhura River

GENERAL INFORMATION

HISTORY

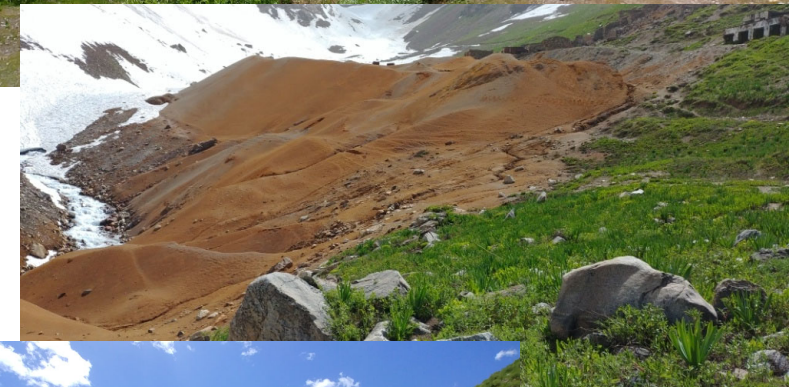
The Maykhura tungsten deposit was discovered as a tin-tungsten deposit in 1938 by geologists of the Kabutinskaya Hydraulic Fracturing Plant of the Soyuzredmetrazvedka Autonomous Okrug»

1954 -1959 Exploration works were carried out by Tajik Geological Department

1969-1972 Preliminary exploration of the South part of the field was carried out

1972-1975 Detailed exploration was conducted

The deposit was mined on a small scale from 1941 to 1966, and the mining area was developed from 1967 to 1976



FIELD RESERVES

CERTIFICATE

In 2017, the Government granted to Talco daughter company a license to develop the Maykhura tungsten deposit in the Varzob district of the country

To start the work on this field, it is necessary to cooperate with the Research Institute to develop a suitable enrichment scheme and conduct a preliminary technological test of tungsten

DATA FROM THE LAST APPROVED RECALCULATION OF THE FIELD'S RESERVES

- Stock status as of 01.01 2020. (by category C¹).
Inventories are calculated by category C¹
Mineral reserves: 1,554 thousand tons
- Metal reserves:
 - ❖ Tungsten oxide-15,351 tons.
 - ❖ Zinc - 21,476 tons



MINERAL COMPOSITION OF ORES

The principal ore mineral is scheelite, while the minor minerals are sulfides, sphalerite, chalcopyrite, and bismuthine

The principal non-ore minerals are garnet, pyroxene, quartz, minor-feldspar

Scheelite accounts for 97% of tungsten in both types of ores

Scheelite forms irregular grains with sizes of up to 2-4 cm

