

S1\_12

# **PRODUCTION PROBLEMS OF MERCURY IN KYRGYZSTAN**

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# Short history of mercury mining in the territory of Kyrgyzstan

- Mercury was extracted in the territory, concluded in the current borders of the Kyrgyz Republic, in I-II millennia before of our era.
- Blossom of mercury extraction falls on VIII-XI centuries of our era. Practically all known mercury deposits of Kyrgyzstan were found out by traces of ancient miners. In total in the territory of Kyrgyzstan over 2000 ancient developments (not only mercury) are fixed. Extraction stopped at the turn of XII-XIII century, in connection with the Mongolian conquest.

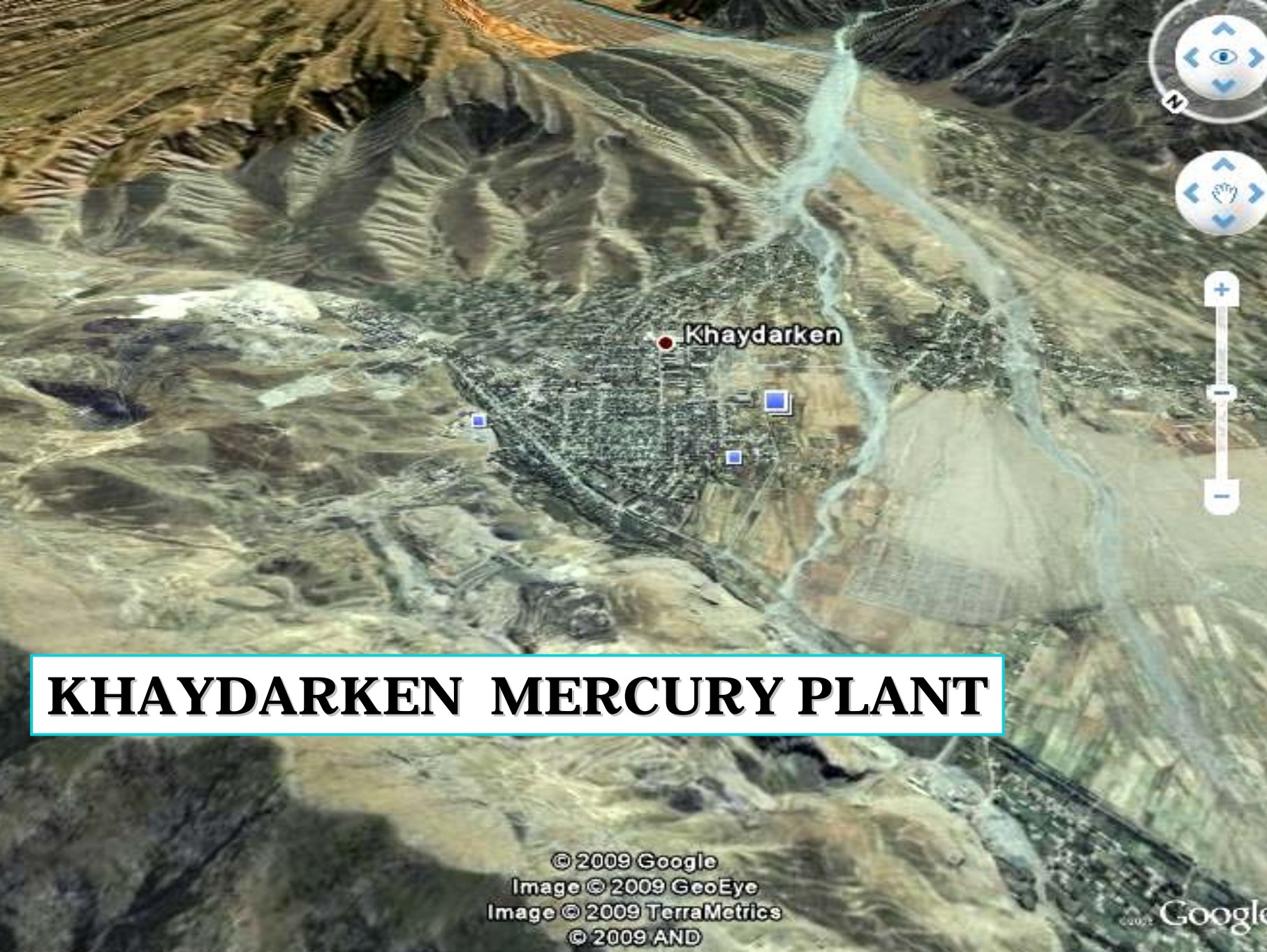
# Mercury ores

- Mercury deposits located in the territory of Kyrgyzstan are a component of the Central Asian mercury and antimony provinces.
- The central position is occupied by the South Fergana (Kyrgyzstan) and Zeravshano-Gissarsky (Tajikistan) mercury and antimony ore belts.
- The general extent of mercury ore belt exceeds 1000 km, with the from 50 to 100 km.

# Mercury ores

- The largest deposits of mercury ores and complex mercury-antimony and fluorite ores are located in the territory of Kyrgyzstan.
  - Khaydarken deposits;
  - Ulu-Too deposits;
  - Chauvai deposits;
  - Symap deposits, etc.
- Their active development started since 1941 by Khaydarken mercury plant other enterprises in a primitive way.





# **KHAYDARKEN MERCURY PLANT**

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# Location of Khaydarken Mercury Plant

- The enterprise is located in a high-mountainous city type settlement of Khaydarken on Alay ridge of Tian-Shan ( $\geq 1900$  m asl)
- Khaydarken settlement:
  - Population – 11 thousand people;
  - 3 comprehensive high schools, a hospital, preschool institutions and, branches of state post service and telecommunication, the enterprises of utility and other auxiliary services.
- The settlement functions in a close connection with industrial activity of the mine. There are several villages located nearby, population of which is also closely connected with the mine's activity.





**Metallurgical plant**



**Metallurgical plant**

预览已结束，完整报告链接和二维码如下：

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