

**Name of the deposit site:** “Undur-Tsakhir”

**License no.:** 10439X

**Mineral type:** non-ferrous and precious metals

**Location:** The survey site is located on the administrative territory of “Taishir” soum (primary administrative division) of Govy-Altai aimag (province). The place is called “Undur-Tsakhir” and occupies a territory of 2’365 hectares. It is distanced from Ulaanbaatar, the capital city of Mongolia for 900 km, for 170 km from the province center, therefore for 300 km from the Chinese border.

**Coordinates:** East longitude: 96o 33’ 00” – 96o 37’ 00” and,

North latitude: 46o 39’ 00” – 46o 41’ 30”

**Geological survey works brief history:** A Soviet geological expedition of Shmelev and his team had delivered air geophysical cartographic and  $\gamma$ -spectrometric map of 1:1’500’000 scale.

The “Gurvan-Talst” Co., Ltd. had prepared their own 1:50’000 scale map about the site “Taishir” in 2000-2001 basing on the data of previous survey works and in accordance with the customer order to prepare geological survey works map. The detailed results are formulated in the report.

**Geological structure of the site:** The geological structure of the site is composed of sedimentary, metamorphosed, intrusive and effusive conglomerates having a range from reefs to contemporary Quaternary age rocks situated in discordant position. In the tectonic crack disorder there are seen quartzified (albite metamorphosed), kaoline metamorphosed, breccia metamorphosed, cataclase metamorphosed and other forms of metamorphosis joined by quartz and quartz-sulfide veins.

