

Paromivske ilmenite deposit

Type of subsoil use: geological study, including research and commercial development of mineral deposits of national importance.

Special permit number 4346 of 13/03/2013 to 13/03/2018 for geological study, including research and commercial development of titanium ores owned by LLC "Zhytomyrburrozvidka."

Information about the deposit:

Deposit - Paromivske Plot-№1, plot-№ 2

The total area of the deposit - 193.79 ha

Plot № 1 - 35.99 ha

Plot № 2 - 157.80 ha

Paromivske deposit is occur Volodarsk – Volynsk in Zhytomyr region, on watershed area of Upper Irsha and its right-bank tributary – Poromivka river, between the district center Volodarsk - Volynsk and villages Nemyrivka and Poromivka.

Type of minerals: titanium ores.

Between 1955 and 1959 the Westernukrainian expedition of 01/08/1957 (Zhytomyr expedition of trust "Kyivgeologiya") within the Volyn discovered and explored a number of large alluvial and remining reserves deposits of ilmenite, known under the general name of Irshansk cluster of fields (Mizhrichne, Lemnenske, Bukynske, Ushyts'ke , Ushomyrske, Katerynivske, Torchynske, Poromivske and others).

Exploration degree:

In 1969 - 1971 Paromivskyi alluvial was originally drilled by wells of hammer – impact drilling on the network's 1600 x 320-80 meters, followed by thickening on the second phase to 800-400 x 160-80 meters, on the more perspective parts the network brought to 200 x 80 -40 m.

Productive strata of Paromivsk alluvial sophisticated by quartz kaolinite inequigranular sand of Paleogene-Neogene age and kaolin weathering crust (eluvium) on habroides. In the total volume of the reservoir alluvium be of 60%.

Due to the stationary structure of ilmenite and absence of toxic contaminant, this raw material is suitable for high-quality pigments.

Exploratory resources are classified by categories C1 and C2.

Reserves of ilmenite deposit is estimated as high.