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## **The Largest Gold Deposits in the World**

Gold is a precious metal which is known to be used in jewelry mostly. Though it is the amount of gold that reflects a country's richness. Throughout history, mankind produced about 166.6 thousand tons of gold. 50% of these, was spent on jewelry, 12% for technical purposes.

That is why it would be appropriate to analyze five largest deposits of gold in the world and the ways of it extracting and amalgamation.

One of the largest gold open pit mine is Mauntau. Today, this deposit is one of the most extensive in the world, the development is conducted in an open pit, the quantity of reserves is 1 750 tons.

Grasberg. It is located in the province of Papua in Indonesia. Gold reserves were estimated at 73.1 tons.

Goldstrike in north-central Nevada. Is located in the richest gold-bearing region of the western hemisphere. Proven reserves of gold are 299 tons. The work is carried out in an open pit and in underground mines

Cortez Is located in Lander County. The development is carried out both open and underground. The proven reserves amount to 306 tons

Pueblo Viejo is located in the Dominican Republic. Development here is conducted in an open pit, the amount of reserves is 280 tons

Amalgamation it is method of extracting gold from finely divided ores and sands by dissolving it in mercury. This method is based on mercury, which has a natural property to envelop gold. At the bottom of the wooden barrel, mercury was placed in which a rock with a certain content of noble metal was poured. In consequence of the chemical process, even the smallest particles adhered to mercury.