Method of processing mineral waste from the copper ore flotation process into an aggregate material

Description of the solution:

The object of the invention is a method of processing mineral waste from the copper ore flotation process into an aggregate material for use in the road and construction industries, particularly as a material for fill, embankments and for use in improved subsoil.

Benefits of the solution:

- Possibility of obtaining aggregate material for construction purposes (by processing flotation waste together with part of the process water from copper ore processing).
- Meeting environmental requirements (the processing of the waste is carried out in multiple stages and under varying conditions, affecting the physico-chemical transformations in the flotation tailings, and the resulting granulated aggregate material).

Area of application:

Waste management, construction

Technological readiness level:

5

Intellectual property:

Invention: P.447612

Owner:

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