

Method for separate groundwater collection during underground mining of deposits includes formation of reservoirs at various levels of mine, corresponding to the location of aquifers, and pumping of collected water through pipeline system into water collector. Location, flow rate, and mineralization of aquifers are determined. Water collectors at different levels of mine are shielded. Closed water collection channels are formed along mine workings at the corresponding level with incline that allows water to naturally flow into underground shielded water collectors at that level. Shielded storage reservoirs are formed on surface, into which water is pumped from underground shielded water collectors to separately accumulate water with different levels of mineralization; from these reservoirs, water is supplied separately for treatment and use by consumers for purposes corresponding to the water quality.