

Method for open-pit development of mineral beds, in which for transportation of mineral inclined stem is used, and workings, is improved through addition of surface transport communication and semi-mobile grinding machine. At that, transport communication is arranged in inclined trench of the lower working zone of the open pit at angle $40-70^{\circ}$. Semi-mobile grinding machine after working the upper group of faces is displaced to working site of the following group of faces of the lower working zone of the pit, and is connected to the situated higher reloading bunker by means of surface transport communication. Decrease of volume of works at working underground drifts is achieved in capital buildings construction, and optimization of the scheme of mining-transport complex as well.