

The method for open-pit development of steeply dipping seams of mineral deposits includes formation of stages by rock opening rocks at frontal sides, beginning from the mineral show at the lower opening ledge at the laying and hanging sides of the bed in the cross-section. One directs the steps along the bed propagation. The length of the working sites on those are taken not larger than the length of excavator blocks, and the width beneath additionally includes catching sites, dimensions of those are determined by formula; at that the width of the lower working sites of the first from beneath stage by the laying and the hanging sides of the bed is determined through formula, and the upper working sites at the stages are installed as not less than the width of the sites of the drill-blast works. The resulting angles of inclination of the front sides of the pit by rocks for the laying and the hanging sides of the bed are determined through formulae as well.