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**RESEARCH OF DISCHARGE GROUND FROM SCRAPER BUCKET  
BY REAR WALL**

*This article reviews studies on unloading traditional scraper and with a semicircular bottom with pendulum unloading. Investigations of unloading with colored layers were leaded. Through the researches it was found that using of a semi-circular bottom scraper can reduce power and energy costs during unloading.*

**Keywords:** *semi-circular bottom, unloading, color layers.*