

## عنوان مقاله:

Effects of pH and pulp potential on the selective separation of Molybdenite from the Sungun Cu-Mo concentrate

## محل انتشار:

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## خلاصه مقاله:

In this research, selective flotation of Mo from the Sungun Cu-Mo concentrate was evaluated in different operating conditions. It was found that the addition of 16 kg/t Na<sub>2</sub>S into flotation pulp and aeration decreased rapidly the initial oxidized- reduction potential (ORP) of the pulp from +228mV to -597 mV (with reference to standard Ag/AgCl electrode) and increasing the amount of Na<sub>2</sub>S by 50kg/t did not change the pulp potential. The highest metallurgical and selective separation of Mo from Mo-Cu concentrate were achieved at pH= 10.5 and ORP

## کلمات کلیدی:

Cu-Mo concentrate, Nitrogen, Pulp potential, Separation efficiency, Sodium sulphide

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/871669>

