

## عنوان مقاله:

Using ۲D Lerchs and Grossmann Algorithm to Design Final Pit Limits of Sungun Copper Deposit of Iran (TECHNICAL NOTE)

## محل انتشار:

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## خلاصه مقاله:

The Sungun copper deposit is located in about ۴۰km north west of Ahar city in the east Azarbaigan province of Iran. The total geological ore deposit is estimated to be ۷۴۰ million tons. In this study using all information from exploration and geotechnical studies of the area, final pit limits of Sungun copper deposit is designed by the ۲-D Lerchs & Grossmann Algorithm. By this method, from ۷۴۰ million tons of geological ore reserve, ۴۱۱ million tons can be mined by open-pit method with overall stripping ratio of ۲.۱۴:۱. Cut off grade is found to be ۰.۳۲% Cu. The average ore grade is found to be ۰.۶۶۵% Cu.

## کلمات کلیدی:

Open Pit, Final Pit Limits, Lerchs, Grossmann Algorithm, Economic value

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1415526>

