

# **Mpumalanga Mineral Information**

## **Description of land and minerals**

Mining in Mpumalanga produces valuable quantities of minerals to South Africa's industry including

- chrome
- coal
- gold
- Industria iron ore
- nickel and PGM (Platinum Group Metals)

## **Ore extraction methods**

The primary methods used to extract minerals from the ground include: Underground mining. Surface (open pit) mining. Placer mining.

## **Geotechnical factors/location**

Site observation survey and actual geotechnical fieldwork procedures that the site topography is gentle in slope from the in all directions of the area of interest. Engineering geologist conducted geological and topographic studies using ArcGISpro software.

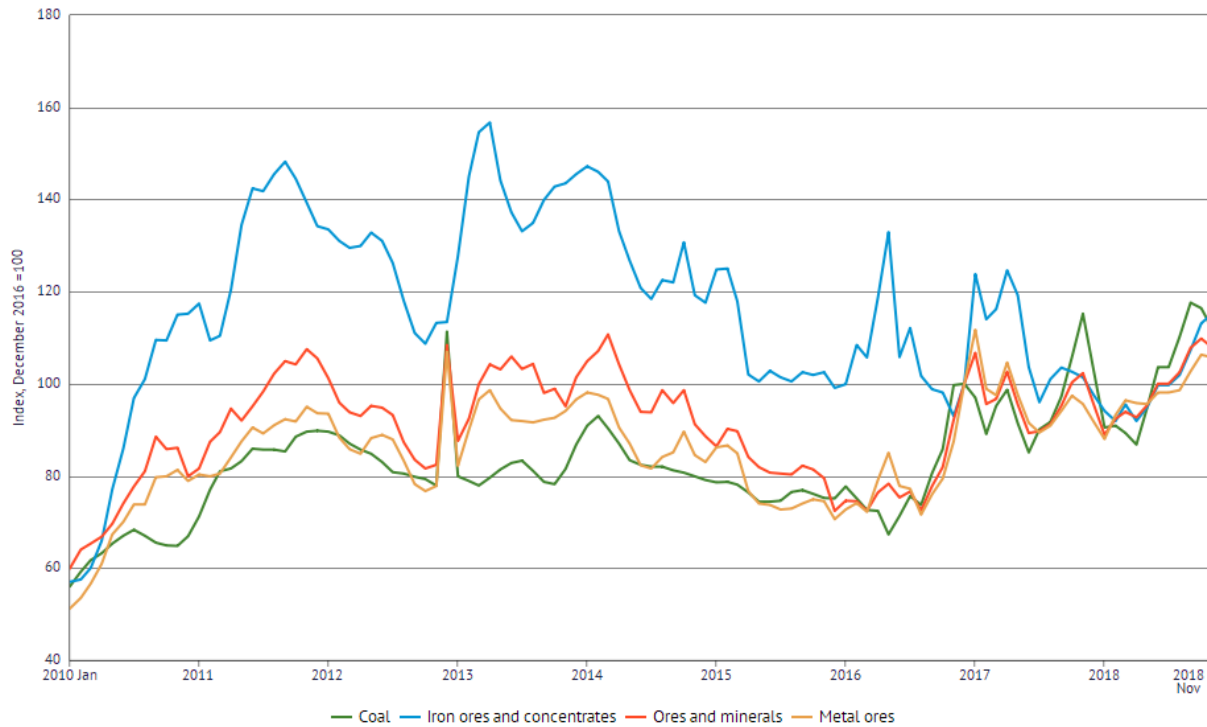
## **Current mining/quarrying and prospecting activities**

There are 141 projects currently listed on Africa Mining IQ, providing up-to-date data and key contact details for all listed mining in Mpumalanga projects. This pertinent verified data allows both potential investors and project suppliers to expand their business and gain a competitive edge.

Mining in Mpumalanga accounts for 83% of South Africa's coal production. Current mining in Mpumalanga projects include 80 Coal, 19 Industrial, 16 Platinum Group Metals, 17 Gold, 4 Nickel, 3 Iron Ore and 1 Chrome. Africa Mining IQ categorises all projects for mining in Mpumalanga in terms of grassroots, pre-feasibility, feasibility, bankable, active, operational and dormant phases for an enhanced, easy-to-use information database offering.

The highest capital value project regarding mining in Mpumalanga, listed on Africa Mining IQ's intelligence portal, is the Camden, Grootvlei and Komati power stations project valued at R340-billion. These 3 power stations, also known as the Simunye Project, have a combined nominal capacity of 3 800 MW, equivalent to one modern six-pack power station.

Export and Import Unit Value Indices, November 2018



## Reference

- <https://projectsiq.co.za/mining-in-mpumalanga.htm>
- <https://www.dmr.gov.za/mineral-policy-promotion/operating-mines/mpumalanga>
- <https://www.molemole.gov.za/docs/mine/MINERAL%20AND%20MINING%20DEVELOPMENT%20STUDY.pdf>
- <https://sahris.sahra.org.za/sites/default/files/additionaldocs/Dwarsloop%20Final%20Revised%20Geotechnical%20Report.pdf#%5B%7B%22num%22%3A89%2C%22gen%22%3A0%7D%2C%7B%22name%22%3A%22XYZ%22%7D%2C69%2C489%2C0%5D>
- <https://www.gcis.gov.za/sites/default/files/docs/resourcecentre/pocketguide/2012/15%20Mineral%20Resources.pdf>
-