



The Geological Society of South Africa
Presents

Deposits of the Northern Cape

10 - 11 October 2019

Red Sands Country Lodge, Kathu

The official relaunch of the Northern Cape branch of the GSSA will take place on the evening of 9th October 2019.

Confirmed Speakers - 10 October 2019

- Keynote address by Prof Nic Beukes (University of Johannesburg): Regional geological setting and character of iron and manganese ore deposits of Griqualand West.
- Prof Hari Tsikos (Rhodes University): Title to be confirmed
- Mrs. Lauren Blignaut (University of Johannesburg): Latest studies in the characterisation of the Mn and Fe ore from the Main Kalahari and Leinster Deposits, Kalahari Manganese Field.
- Mr. Sakkie van Niekerk (Assmang): Khumani Mine: Exploitation of two ore types.
- Mr. Louw van Schalkwyk (Orion Minerals): The Geology of the Prieska Copper-Zinc project.
- Mr. Lyndon de Meillon (Paleostone Mining): The alluvial diamond deposits of the Middle Orange River.
- Mr. Marthinus Mathee (Vedanta Zinc International) & Mr. Franco Burger (Earthlab): The Geology of Riemvasmaak with reference to pegmatites.
- Mr. Justin Nel (University of the Free State): Namaqua tectonics - new insights.
- Mr. Deon Bowers (Jodesi Drilling and Services): Holistic overview of the West Coast diamond deposits and their economic potential.

Dinner for night of the 10th October will include Ina Paarman-roasted springbok leg. Springbok from the farm Houwater in the Britstown district of the Karoo.

More speakers from base metals and iron ore mines, including consultants and technology companies, are awaiting confirmation of their titles and content of their talks and the programme will be updated accordingly and regularly. Speaker confirmations with confirmed titles of their talks should reach the event committee on or before 31st July 2019; contact Deon du Plessis (deon@earthlabtech.com) and Noleen Pauls (noleen.pauls@imdexlimited.com)

11th October 2019: A half-day mine visit to the King operation at Khumani Mine, courtesy of Mr. Marius Burger – MRM Manager at Assmang Iron Ore – Khumani Mine.

About King Mine: King Mine is predominantly a conglomeratic ore body and contains the largest reserves of Khumani. This mine is divided into five sub-pits of which four is currently mined. Ore is blended in the pits and fed into the King Crusher, crushed to <80 mm and then conveyed 2,100 m to the Parson Plant. Here it is stockpiled and blended with ore from Bruce as either On Grade ore for the Wash-and Screen process or as Off Grade for the Jig process. The fleet at King Mine consists of Caterpillar 789 and Komatsu 860 trucks loaded with Komatsu PC 4000 and PC 5500 shovels moving approximate 130,000 tonnes per day.

SPONSORS ARE WELCOME: Please contact Mr. Mike Wuth on mikew@xbt.co.za to provide you with the information on sponsorship options for the event.

The venue is located on the N14 towards Kathu with the following GPS coordinates: -27.502952, 23.285421 (<https://www.redsands.co.za/>).

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