

35TH INTERNATIONAL GEOLOGICAL CONGRESS

27 AUGUST - 4 SEPTEMBER 2016 | CAPE TOWN, SOUTH AFRICA



POST 7

Geology of the Barberton Greenstone Belt: Processes on the early Earth

FIELD TRIP LEADERS:

Christoph Heubeck, Eugene Grosch and Paul Mason



This 6-night / 7-day trip will provide participants with an overview of BGB geology and its context within the Kaapvaal Craton. Participants will examine the principal outcrops, lithologies, style of preservation and deformation of the Onverwacht, Fig Tree and Moodies Groups (3.57-3.21 Ga) and discuss key lines of evidence on which much of our knowledge of early Earth processes is based. (See pre-conference BGB excursion for a summary of these topics).

Compared to the pre-conference excursion (Pre16), this field trip will spend more time studying the lower stratigraphic members of the greenstone belt, including their type sections, and on the igneous rocks surrounding the BGB. Participants will be based in Badplaas and Barberton (3 nights each) and use minibuses to access outcrops in the Makhonjwa Mountains, mostly using tarred roads. All meals are included in the trip fees. The trip begins and ends by shuttling participants to/from Nelspruit.

Field Trip Leaders: Christoph Heubeck, Eugene Grosch, Paul Mason

Start: Participants will be picked up in Nelspruit on Sept. 4th and transferred to Badplaas

End: Program ends in the evening of Sept. 9. Participants will be transferred from Barberton to Nelspruit early on Sept. 10

Departs: Monday Sept. 5th, 9a.m., from Cradle of Life outside Badplaas for first day in the field

Dates: 6 days, Sunday 4th to Saturday 10th September 2016

ACCOMMODATION

4 Sep to 7 Sep 2016 Overnight at Cradle of Life in Badplaas	
7 Sep to 10 Sep 2016 Overnight at Jathira Guesthouse in Barberton	
	DESCRIPTION:

ITINERARY

DATE	ROUTING
04 SEPTEMBER 2016	Cradle of Life in Badplaas (*BB)
05 SEPTEMBER 2016	Cradle of Life in Badplaas (*BB)
06 SEPTEMBER 2016	Cradle of Life in Badplaas (*BB)
07 SEPTEMBER 2016	Jathira Guesthouse in Barberton (*BB)
08 SEPTEMBER 2016	Jathira Guesthouse in Barberton (*BB)
09 SEPTEMBER 2016	Jathira Guesthouse in Barberton (*BB)
10 SEPTEMBER 2016	DEPARTURE
	END OF TOUR

Meal Key

BB	Bed and Breakfast
DBB	Dinner, Bed and Breakfast
DBB+	Dinner, Bed and Breakfast plus one additional activity
DBB++	Dinner, Bed and Breakfast plus two additional activities
FB	Full Board (includes 3 meals per day)
FB+	Full Board (includes 3 meals per day) plus one additional service
FB++	Full Board (includes 3 meals per day) plus two additional services
FI	Fully Inclusive (includes all meals and local drinks), plus all activities

Min/Max Number of Attendees 19/19

Vehicles:

2 x mini busses will provide all transport

COST INCLUDES:

- 3 x Nights at Cradle of Life in Badplaas
- 3 x Nights at Jathira Guesthouse in Barberton
- 6 x lunch
- 5 x dinner
- Transport in minibusses

COST EXCLUDES:

- All airfares, air reservations and airport taxes
- All other accommodation
- All other meals
- All other transport
- All other sightseeing
- Personal expenses such as tips for meals, gratuities for guides & drivers, all alcoholic and other beverages, telephone calls and laundry
- Any other services not mentioned above