













ITINERARY

The Mesoarchaean Pongola Supergroup is an exceptionally well-preserved succession of volcanic and sedimentary rocks that extends for 270 km close to the eastern margin of the Kaapvaal Craton in South Africa and Swaziland. It represents a volcano-sedimentary continental or epicontinental deposit that is one of the most extensive coherent Archaean terrains in the world, and the oldest of this extent. Its characteristics are unique amongst supracrustal terrains of this age and are unlike those of other Archaean greenstone belts. Its unique nature is that it marks the transition in southern African crustal development from preceding early greenstone belts, such as observed in the Barberton and Nondweni greenstone belts, to late Archaean basin formation on stable continental crust.

Field Trip Leader: Allan Wilson

Start: Durban End: Johannesburg

Dates: 7 days, Saturday 3rd to Friday 9th September 2016

DATE ROUTING

3 – 4 September 2016	Fugitives Drift
4 - 6 September 2016	Melmoth
6 - 7 September 2016	Ithala Game Reserve
7 - 9 September 2016	Paulpietersberg
8 - 9 September 2016	Piet Retief

Meal Key

BB Bed and Breakfast
FB Dinner, bed and breakfast

DAY	1
	Sat 3 Sept
Geology	Mhlatuze inlier.
	#1 Stanhope Mine and Mhlatuze Inlier
General Interest	Intro to Zululand
Accommodation	Fugitives Drift Lodge (note: variety – Lodge and guest house accommodation) on a FB
	basis or similar
Traveling	Airport to Fugitives Drift Lodge 360 km with one stop

Lunch (excluding beverages)

Dinner (excluding beverages)

DAY	2
	Sun 4 Sept
Geology	Buffalo River and Nkandla Inliers
	#2 Ndikwe Fm and intro to Buffalo R geology from the look-out deck at
	Fugitives drift
	#3 Short visit to Isandlawan battle site and the Karoo geology
	#4 Central Syncline view and Agatha Fm Volcanics and Singeni Fm
	#5 Agatha Fm volcanics in road traverse and White Mfolozi Fm sandstones
General Interest	Anglo-Zulu war of 1879
Accommodation	Mtonjaneni Lodge (Melmoth) or similar on a BB basis
Traveling	To Melmoth 150 km

Lunch (excluding beverages)

Dinner (excluding beverages)

DAY	3
	Mon 5 Sept
Geology	White Mfolozoi inlier
	Whole day
	#6 White Umfolozi Traverse Nsuze Group - Matatane Lodge River section
	Pick up at high level bridge
Accommodation	Mtonjaneni Lodge (Melmoth) or similar on a BB basis
Traveling	To Melmoth 150 km

Lunch (excluding beverages)

Dinner (excluding beverages)

DAY	4
	Tues 6 Sept
Geology	White Mfolozoi inlier
	#7 White Umfolozi Mozaan GP – Denny Dalton Mine and glacial pavements?
	#8 White Umfolozi Mozaan Gp - Mr Greefs Farm, traverse to Banded Iron
	Formation on river section
	Must leave after lunch. Cannot do upper volcanics
Accommodation	Ithala Game Reserve or similar on a BB basis
Traveling	To Ithala 250 km

Lunch (excluding beverages)

Dinner (excluding beverages)

DAY	5
	Wed 7 Sept
Geology	Lower Nsuze Gp
	#9 Spectacular panoramic view of the Pongola SG from Ithala.
	#10 Mantonga Formation on Commondale area incl palaeosaprolite –
	lowermost unit of the Pongola SG
	#11 Commondale Greenstone Belt
	#12 Lower volcanics on Bivane R traverse and Usushwana complex on
	Koudbad Farm.
General Interest	Start day with a short game drive at Ithala Game Reserve
Accommodation	Koubad Lodge or similar on a BB basis
Traveling	From Ithala to Koudbad Lodge 140 km

Lunch (excluding beverages)

Dinner (excluding beverages)

DAY	6
	Thurs 8 Sept
Geology	Mozaan Gp Hartland area. #13 Stop at Singeni Formation near Altona Mine
	and view conglomerates and Altona Mine BIF.
	#14 Stop at Klipwal Mine – Diamictite
	#15 Stop at Tobolsk Lava – topmost unit of the Pongola SG.
	#16 Stop at Gabela volcanic unit.
	#17 Mozaan Banded iron formation unit
Accommodation	Dusk to Dawn Farm lodge or similar on a BB basis
Traveling	Local travel

Lunch (excluding beverages)

Dinner (excluding beverages)

DAY	7
	Fri 9 Sept
Geology	Piet Retief to JHB
	# 18 Visit to the 3.45 Ga gneissic basement to the PSG at the quarry outside of
	Piet Retief
	#19 Stop at Singeni Formation along R33 before Amsterdam
Accommodation	None
Traveling	One transfer: 500 km to OR Tambo Some flights may be leaving early
	afternoon

Lunch (excluding beverages)

Minimum persons 20 Maximum Persons 20

COST INCLUDES:

- 1 night accommodation at Fugitives Drift or similar (note: variety Lodge and guest house) on a FB basis
- 2 nights' accommodation at Mtonjaneni Lodge (Melmoth) or similar on a BB basis
- 1 night accommodation at Ithala Game Reserve or similar on a BB basis
- 1 night accommodation at Koubad Lodge or similar on a BB basis
- 1 night accommodation at Dusk to Dawn Lodge (Piet Retief) or similar on a BB basis
- 7 x lunch (excluding beverages)
- 5 x dinner (excluding beverages)
- Transport in private touring vehicles
- Vehicle E-toll fees
- Local English speaking driver on all transfers
- Driver meals & accommodation where necessary
- Toll fees on the 3rd and 9th September 2016

COST EXCLUDES

- All airfares, air reservations and airport taxes
- All other accommodation
- All beverages
- All other meals
- All other transport
- All tours and any entrance fees
- All other sightseeing
- Any park entrance fees and conservation fees en-route, etc...
- Personal expenses such as tips for meals, gratuities for drivers, all alcoholic and other beverages, telephone calls and laundry, etc...
- Any other services not mentioned above