



# SOCIETY OF ECONOMIC GEOLOGISTS, INC.

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## Student Chapter Annual Report Cover Page

Submission Deadline: September 30th

Submit to: studentprograms@segweb.org

Month/Year Reported: From 01/2022 (mm/yyyy) – To 03/2023 (mm/yyyy)

STUDENT CHAPTER:

Check if update needed at segweb.org

Name: The Western Cape SEG Student Chapter

University Affiliation: Stellenbosch University

Mailing Address: \_\_\_\_\_

Dedicated E-mail: westerncape.segsa@gmail.com

Website: \_\_\_\_\_

Logo: \_\_\_\_\_

Facebook: \_\_\_\_\_

Twitter: \_\_\_\_\_

Instagram: seg\_su\_student\_chapter

LinkedIn: \_\_\_\_\_

YouTube: \_\_\_\_\_

Chapter Executive Committee (in office during the time frame captured on this report) (type "Vacant" if position not filled):  
The new committee is reported on the Student Chapter Membership Information form (SCMIF).

President:	<u>Rutger La Cock</u> Name	<u>21745889@sun.ac.za</u> E-mail
VicePresident:	<u>Daniel Ferreira</u> Name	<u>21656118@sun.ac.za</u> E-mail
Secretary:	<u>Jesse van Niekerk</u> Name	<u>22761616@sun.ac.za</u> E-mail
Treasurer:	<u>Ruan Raath</u> Name	<u>18971601@sun.ac.za</u> E-mail

Chapter Academic Sponsor:

Check if SEG Fellowship in good standing

<u>Bjorn Von der Heyden</u> Name	<u>bvon@sun.ac.za</u> E-mail	<u>+27 (0)84 685 2642</u> Phone
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_____	_____
Address	Fax

Chapter Industry Sponsor (not affiliated with the student chapter's institution):  Check if SEG Fellowship in good standing

<u>Mike Venter</u> Name	<u>mvpjenter@gmail.com</u> E-mail	_____
_____	_____	Phone

_____	_____
Address	Fax

Sponsoring Institution or Company(name): Stellenbosch University

## The Western Cape SEG Student Chapter Annual Report for 2022-2023

The Stellenbosch SEG student chapter has hosted a meet and greet event that took place on the 9<sup>th</sup> of April 2022 at the Jordan Wine Farm where members were treated to a wine tasting whilst learning about the important roles' geology plays in the growing and culturing of different wine grapes in the region. The student chapter will facilitate a visit to the Jordan Wine Farm in January of 2023 for the South African Geocongress, an event hosted by Stellenbosch University Earth Science Department. Visitors will again sample some of the wine whilst learning about the regions' geology, followed by a short visit to one of several adits where tin was once mined on the farm.

A short visit was undertaken to Dutoitskloofpas in Paarl on the 24<sup>th</sup> of July 2022, where members were able to see an old artisanal manganese mine on the saddle of one of the hills. Here some measurements of structures (manganese veins and joints in the host rock) were taken followed by drone imagery and a video of the mine itself. These images were used to supplement research projects of students within the Earth Science Department and were presented by Rutger La Cock during the SEG Conference in Denver in August.

The main field trip for the year involved ten students and took place from 21-23 November and was led by the SEG chapter committee. The first day of the field was dedicated to a lengthy drive from Stellenbosch University to a campsite in Wilderness, with a few stops along the way to discuss the Cape Fold Belt and study some localised, hot-spring associated Mn-Fe mineralisation. Day two included visits to the historical Millwood gold mine near Knysna and the Volmoed quarry just outside Oudtshoorn, where they mine greywacke to be used for road building within the Western Cape. The last day of the trip involved looking at more hot-spring associated Mn-Fe mineralisation and some fossil hunting at Warmwaterberg Spa, where we had overnighted. The journey home via the Route 62 which cuts through the Klein Karoo provided some spectacular views of the folded Cape Supergroup sandstones.



*Map of Africa Viewpoint (Wilderness).*



*Historical Millwood gold workings with Rowin Marais explaining the orientations of the different adits and associated quartz vein sets.*



*Volmoed quarry (left) and lab facility used for QAQC (right).*

The Western Cape SEG student chapter committee and members express their gratitude towards the SEG for providing funding which allowed these field trips to take place.

*RLaCock*

Rutger La Cock  
WC SEG Chapter President

*DFerreira*

Daniel Ferreira  
WC SEG Chapter Vice President

# Expense Report

Society of Economic Geology Western Cape Student Chapter  
C/O Meriman and Ryneveld, Stellenbosch, Western Cape, RSA

**TOTAL** **R12,533.64**

Name: Ruan F. Raath      Purpose: Annual Expense Report  
Dept: SEG Student Chapter      Start Date: 09/04/2022  
Position: Treasurer      End Date: 06/12/2022  
President: Rutger La Cock      Approved By: Rutger La Cock

<b>ACCOMODATION</b>	<b>TRANSPORT</b>
<b>R1,400.00</b>	<b>R9,128.14</b>
<b>MEALS</b>	<b>OTHER</b>
<b>R1,961.00</b>	<b>R44.50</b>

Date	Account	Description	Accomodation	Meals	Transport	Other	Total
09/04/2022	SEG welcome event	Refreshments		R900.00			R900.00
21/11/2022	Economic Field Trip	Petrol			R1,196.25		R1,196.25
21/11/2022	Economic Field Trip	Petrol			R948.85		R948.85
22/11/2022	Economic Field Trip	Petrol			R604.15		R604.15
22/11/2022	Economic Field Trip	Petrol			R581.15		R581.15
22/11/2022	Economic Field Trip	Food		R293.00			R293.00
22/11/2022	Economic Field Trip	Food		R468.00			R468.00
23/11/2022	Economic Field Trip	Petrol			R1,519.39		R1,519.39
23/11/2022	Economic Field Trip	Petrol			R692.42		R692.42
23/11/2022	Economic Field Trip	Petrol			R545.06		R545.06
23/11/2022	Economic Field Trip	Camping	R1,400.00				R1,400.00
23/11/2022	Economic Field Trip	Toll				R44.50	R44.50

<b>Date</b>	<b>Account</b>	<b>Description</b>	<b>Accomodation</b>	<b>Meals</b>	<b>Transport</b>	<b>Other</b>	<b>Total</b>
23/11/2022	Economic Field Trip	Cash (food)		R300.00			R300.00
01/12/2022	Economic Field Trip	Reimbursement			R909.16		R909.16
06/12/2022	Economic Field Trip	Reimbursement			R1,000.00		R1,000.00
06/12/2022	Economic Field Trip	Reimbursement			R1,131.71		R1,131.71