

RIVALDO MARCO ALVES



Personal

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Cape Town, South Africa
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- Driving license**
C1 Manual Transmission
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Interests

- Hiking
- Operating drones
- Alluvial Diamonds

Languages

- English ●●●●●
- Afrikaans ●●●●●
- Portuguese ●●●●●

Skills

- Microsoft Office ●●●●●
- ArcGIS and QGIS ●●●●●
- Leapfrog Modelling ●●●●●
- Field Mapping ●●●●●
- Survival Aid (Rio Tinto) ●●●●●
- Handling pXRF ●●●●●
- Core Logging ●●●●●
- Python ●●●●●
- 4x4 Driving Certification ●●●●●
- Defensive Driving Certification ●●●●●

As a passionate exploration geologist with a background in mining, I am dedicated to delivering exceptional results in the field. With my commitment to excellence, attention to detail, safety and accuracy-driven approach, I strive to make significant contributions in the role of a geologist. I possess the ability to think critically and thrive in high-pressure environments characteristic of the fast-paced mining industry.

Education and Qualifications

- BSc Earth Sciences (Hons)** Jan 2022 - Nov 2022
Stellenbosch University, Stellenbosch
 - Conducted an in-depth investigation of a SkyTEM anomaly discovered by Orion Minerals (Ltd) within the Okiep Copper District.
 - Integration of various techniques, including extensive field mapping with a primary focus on structural geology as well as the utilization of ArcGIS, QGIS, and Leapfrog 3D modeling.
 - The primary objective was to discern the origin of an intriguing steep electromagnetic anomaly from regional structure working under the expert guidance of Professor Alex Kisters.
- BSc Earth Sciences** Jan 2018 - Nov 2021
Stellenbosch University, Stellenbosch

Work experience

- Junior Geologist** Dec 2022 - Present
Remote Exploration Services, Africa
Commodity of interest: Copper, Nickel, Cobalt
Countries operated in: Namibia, Botswana, Zambia, Angola
 - My responsibilities centered around critical tasks such as planning in ArcMap, coordinating geology teams for soil sampling campaigns, and managing data processing.
 - Responsible for producing the daily exploration report.
 - Gained hands-on experience in diamond, AirCore, and micro RC drilling campaigns. Proficient in tasks from drill rig management to core logging, ensuring the production of high-quality data.
 - Supervisor of AirCore team responsible for production and ensuring safety standards are upheld in the field.
 - Comfortable with the integration and QAQC of data within spreadsheets up to 2,34 million cells (Aircore drilling September 2023).
 - Contributed to both greenfield and brownfield exploration projects gaining valuable insights into pre-mine startup as well as life of mine extension.
 - Throughout these exploration campaigns, I successfully led field teams while also devising efficient plans behind the scenes to optimize our available resources.
 - HSEC officer for Remote Exploration Services Namibia campaigns.
 - Responsible for the maintenance of a fleet of 8 manual transmission 4x4 vehicles.
- Intern Geophysicist** Nov 2020 - Feb 2021
Remote Exploration Services, Postmasburg, Northern Cape
Commodity of interest: Iron
Country operated in: South Africa
 - Operated the CG5 and CG6 gravimeters as well as FDEM equipment and set the RES record for most CG5 sample points completed in a single day (215 points at 50m spacing)
 - Processed geophysical data and was involved in data interpretation.
 - Utilized ArcGIS software to plot planned points and set routes for field team.
 - Responsible in the field for an 8-person team conducting the geophysical survey.
 - Logged and sampled upwards of 1500m of diamond core at Anglo-American standard.
 - Grade control experience with a focus on extending life of mine. (Kolomela Mine)

House Committee Member
Stellenbosch University, Stellenbosch Central

Oct 2020 - Oct 2021

Mentor
Stellenbosch University, Stellenbosch Central

Oct 2019 - Oct 2020

Courses

Diamonds from Exploration to Manufacturing
Geological Society of South Africa

Jun 2022 - Jul 2022

- Facilitated by the Geological Society of South Africa, of which I am a member.
 - De Beers geologists with 40+ years of diamond exploration knowledge.
 - The first week of the course focused on diamond exploration with the geologists explaining the sampling methods undertaken during early Botswana and DRC exploration ventures.
 - The second week of the course took us through the extraction and processing of diamonds from being kimberlite-hosted to market ready.
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References

Professor Alex Kisters (Head of Department)
0827557530
akisters@sun.ac.za

Stellenbosch
University

Louw Van Schalkwyk (Executive Exploration)
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Orion Minerals Ltd.

Eric Kruger (Project Geologist)
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Remote Exploration
Services