

AVHURENGWI COLBERT NENGOVHELA

Pr.Sci.Nat | Mining and Sustainability Executive | Mining, Sustainability & Metals

Johannesburg, South Africa | +27 82 082 0873 | acnengovhela@gmail.com | linkedin.com/in/avhu

EXECUTIVE PROFILE

A results-driven senior manager with 20 years of extensive experience across mining, sustainability, and metals sectors. Proven expertise in transforming complex challenges into strategic opportunities, driving sustainable growth, and fostering innovation. Adept at leading high-performing teams, managing multi-million-dollar projects, and engaging with diverse stakeholders. Recognized thought leader with a strong track record in corporate strategy, operational excellence, and ESG integration.

CORE COMPETENCIES

Strategic Leadership & Execution	ESG & Sustainable Development	Financial Management & P&L
Corporate Strategy & Development	Social Performance	Stakeholder Relations & Communications
Mining, Technical and Sustainability	Risk Management & Governance	• Digital Transformation & Innovation

PROFESSIONAL EXPERIENCE

The Coaltech Research Association NPC | Chief Executive Officer

May 2024 - Present

- Leading collaborative research and innovation to advance South Africa's coal industry through strategic partnerships.
- Setting strategic direction for research in safety, health, environment, and productivity.
- Fostering partnerships with industry, government, and academia to drive ESG integration and sustainable development.

Petra Diamonds | Head of Sustainability

Jan 2023 - May 2024

- Developed and implemented comprehensive sustainability strategy, integrating ESG principles across all operations.
- Led climate change response, including emission reduction targets and decarbonization initiatives.
- Managed Social and Labour Plans, community development projects, and stakeholder engagement programs.

Deloitte Consulting | Senior Strategy Manager (Mining & Sustainability)

Mar 2022 - Jan 2023

- Advised C-suite clients in mining and metals sector on corporate strategy, operational improvement, and digital transformation.
- Conducted Financial Provisioning Audits and Mineral Resources Audits for major mining operations.
- Developed innovative solutions for mine closure, rehabilitation, and financial provisioning optimization.

South32 | Manager, Closed Mines (Coal)

Apr 2019 - Jul 2021

- Managed portfolio of 15 defunct mines, ensuring environmental compliance and community commitments.
- Oversaw 20 ML/day water treatment plant, mitigating environmental risks and creating sustainable water sources.
- Directed Lehlaka Property Development, managing mine village property portfolio.

South32 | Manager, Technical Services & Resource Geology

May 2015 - Apr 2019

- Led development of Life of Operations Plan, optimizing mine plans and resource utilization for the group.
- Accountable for Coal Resource and Reserve governance, including public declarations per JORC/SAMREC standards.
- Provided expert geoscience input for M&A activities and managed brownfields exploration projects.

BHP Billiton | Team Lead, Resource Geology & Exploration (Manganese)

Jun 2011 - May 2015

- Served as Competent Person for Resource Estimation and JORC Code Reporting for manganese assets.
- Managed all aspects of resource geology from drilling and database management to geological modeling and estimation.

EDUCATION

- MBA, University of Johannesburg (2024) | Focus: Entrepreneurial Marketing
- MSc, Mining Engineering (Coal Geostatistics), University of the Witwatersrand (2018)
- Post Graduate Diploma in Digital Business, Emeritus - MIT & Columbia Business School (2020)
- Graduate Diploma in Mining Engineering (Gold Estimation), University of the Witwatersrand (2011), Cum Laude
- MSc, Geoscience (Acid Mine Drainage), University of Venda (2006)
- BSc (Honours), Geology, University of Venda (2003)

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

- Financial Analysis and Management Account, London School of Economics (2025)
- Corporate Governance Series (5 Parts), Institute of Directors South Africa (2021-2024)
- ESG and Sustainability: Creating New Strategic Growth Opportunities, GIBS (2023)
- Blockchain Technologies Specialization (3 Courses), INSEAD (2019)
- Advanced Resource Estimation, Snowden (2014)
- Technical and Financial Valuation of Mineral Projects, Imperial College London (2014)
- Finance for Non-Financial Managers, University of Pretoria (2013)
- Project Management Professional, PM.Ideas (2006)
- Quality Service Programme, Disney Institute

THOUGHT LEADERSHIP & PUBLIC ENGAGEMENT

- Author of two books: "Ubuntu Leadership" (2024) and "What I Learned Interviewing 150 African Leaders" (2025)
- Host & Executive Producer, '1000 African Voices' podcast, SABC (2018-2021) - 150+ interviews with African leaders
- Founder & Presenter, Mining901 - Media platform for responsible mining in Africa
- Creator, 'Sustainability and Mining' newsletter on LinkedIn (3,500+ subscribers)
- Keynote Speaker: NICOLA 2025, SACESHA, Mining Indaba, SAICA Finance Leaders Conference
- Guest Lecturer, University of the Witwatersrand (SAMREC Code & Mineral Resources Estimation)
- Former External Examiner, University of Pretoria (Ore Reserve Estimation, 2012-2015)
- Published peer-reviewed research papers on acid mine drainage (Water Research Commission)