



AI
GEOSERVICES
(PTY) LTD

Company Profile · Capability Statement

Geological & Mining Consulting



WHO WE ARE

Insight-Led Geological Consulting

VISION

Modernised geological services with sustainable, long-term client relationships.

MISSION

Understand client needs, deliver cost-effective, responsible solutions first-hand.

VALUES

Integrity, Reliability, Transparency

Company Overview

AI Geoservices (Pty) Ltd is a multidisciplinary geological and mining consulting firm dedicated to providing specialist geological services for the development and evaluation of mineral resources.

Building on a foundation of deep industry expertise, we prioritise transparency, agility, and technological advancement to deliver optimal outcomes for our clients.

We act as a complete solutions partner, supporting projects from initial discovery through to active mining operations.



01

GEOLOGICAL & EXPLORATION

- Target generation & exploration planning
- Drill program management & core logging
- Sampling & QA/QC
- 3D geological modelling
- Mineral Resource estimation

02

MINING & OPERATIONAL SUPPORT

- Open-pit & underground mine design
- Pit optimisation & reserve estimation
- Mine layout & scheduling
- Grade control solutions
- Operational technical services

03

TECHNICAL ADVISORY & REPORTING

- SAMREC / JORC compliant CPR
- Regulatory Documents – Mining Work Programme, Prospecting Work Programme.
- Due diligence & independent audits
- Project reviews for investors
- Financial modelling & feasibility
- Strategic advisory services

04

SPECIALISED GEOPHYSICAL

- Drone-based aeromagnetic surveys
- Ground-based (Mag, ERT, IP, Gravity)
- LiDAR & Photogrammetry
- Bathymetric Surveys
- Geophysical data processing
- Geophysical interpretation



RPO AFFILIATIONS & EXPERIENCE

01

SACNASP

Registered Professional
Natural Scientists

02

GSSA

Geological Society of South
Africa

03

SAIMM

Southern African Institute of
Mining and Metallurgy

04

SAMREC

SAMREC Committee Affiliation

COMMODITIES & EXPERIENCE

Southern Africa & International

BULK COMMODITIES

Coal

Iron Ore

Manganese

Chrome

PRECIOUS & BASE METALS

Gold

Platinum (PGMs)

Copper

Other Metals



FULL VALUE CHAIN WORKFLOW

01 → **02** → **03** → **04** → **05** → **06**

01	02	03	04	05	06
<p>TARGET GENERATION</p> <ul style="list-style-type: none">• Exploration design & planning• Geophysical Surveys• Satellite Imagery Alteration Mapping	<p>FIELD SERVICES</p> <ul style="list-style-type: none">• Exploration Drilling, logging & Sampling• QA/QC• Data Management• Operational Audits	<p>RESOURCE ESTIMATION</p> <ul style="list-style-type: none">• Geological Modelling• JORC/SAMREC Compliant reporting	<p>MINING ADVISORY</p> <ul style="list-style-type: none">• Designs, scheduling & optimisation	<p>GRADE CONTROL</p> <ul style="list-style-type: none">• Advisory and Implementation• Maximise mining yield	<p>REPORTING & ADVISORY</p> <ul style="list-style-type: none">• Competent Person's Reports (CPR)• Due diligences Exercises• Project Reviews Financial models





AI
GEOSERVICES
(PTY) LTD

SOUTH AFRICA

(+27) 082 615 0444

EMAIL

Aigeoservices@gmail.com

AFFILIATIONS | STANDARDS

SACNASP · GSSA | SAMREC · JORC

COVERAGE

Southern Africa & International

