

CAPABILITY STATEMENT:
MINERAL EXPLORATION

From geological uncertainty to a clearer next decision.

Strategic exploration planning, field investigation, and geological interpretation that connect technical evidence with the next investment decision.

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EXPLORE WITH PURPOSE

EXPLORATION STRATEGY

Exploration capital is finite. Geological uncertainty is not.

Every mapping campaign, sample, and drill hole should answer a question about the asset. Poorly directed work can consume budget without resolving the uncertainty that matters most.

THREE QUESTIONS THAT SHAPE THE PROGRAMME

01

IS THE TARGET WORTH TESTING?

Prioritise the evidence needed to support or challenge a prospect.

02

DOES THE MODEL HOLD?

Test geological assumptions as new observations emerge.

03

WHAT JUSTIFIES FURTHER CAPITAL?

Identify the remaining uncertainty before committing to the next stage.

VBKOM'S ROLE

VBKOM structures exploration around these decisions. From greenfield investigations to resource definition and expansion, our geology team combines practical field experience, programme management and technical interpretation to build a credible basis for what comes next

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PLAN THE WORK.
PROTECT THE EVIDENCE.

FIELD PROGRAMMES

Field programmes shaped by objectives, budgets and geological reality.

A sound exploration programme starts with the geological setting, the available evidence and the decision ahead. Scope and methods must remain adaptable as the information improves.

A Field-to-Office Connection ensures geological objectives, operational realities and project resources are aligned.

01

PLAN & MANAGE

Exploration planning and execution:

- Budgeting
- Site, programme, and contractor management
- QAQC procedures
- ESG compliance considerations
- Site rehabilitation

02

MAP & SAMPLE

Site assessments:

- Surface
- Trench
- Pit and underground mapping
- Geochemical soil and stream sampling
- Chip and core sampling
- Metallurgical bulk sampling
- Density measurements in hard rock, soft sediment and tailings

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03

TRENCH, PIT & DRILL

Trenching and pitting, with planning and management of diamond, RC, rotary mud, percussion, and hand or machine auger drilling programmes, selected for the technical objective.

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READ THE SIGNALS.
TEST THE MODEL.

GEOLOGICAL INTERPRETATION

Integrated interpretation turns observations into direction.

Exploration findings rarely speak for themselves. Their value lies in interpreting separate observations together, challenging assumptions and deciding where further investigation is warranted.

GIS, REMOTE SENSING & GEOPHYSICS	GIS mapping, data integration, satellite and aerial image interpretation, and geophysical survey management and interpretation
GEOCHEMISTRY & TARGET DEFINITION	Geochemical analysis, high-resolution geomagnetic and other geophysical data, in-field handheld XRF, and geological target identification.
MODELS & DATA INTEGRITY	Geological database compilation and management, preliminary interpretive models, and implicit or traditional geological modelling.



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MAKE THE EVIDENCE USEFUL

DECISION-READY OUTPUTS

Clarity from the field to the next technical and commercial conversation.

Reliable geological information must remain usable when it leaves the field. We compile, manage, model, and present data with the needs of downstream teams and decision-makers in mind.

01

EXPLORATION LEADERS

Prioritised targets, updated interpretations and focused programmes that can respond to new evidence.

02

TECHNICAL TEAMS

Clear transfer of geological data, sampling information, assumptions and limitations to geotechnical and metallurgical specialists.

03

INVESTORS & ASSET OWNERS

Technical graphics, investor presentations, geological audits and due diligence inputs that make the evidence reviewable.

SUPPORTED BY DISCIPLINED DATA

Database management • Geological modelling • Resource estimation • Audits and due diligence

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By unearthing opportunities, our solutions have the power to improve lives.

VBKOM

ABOUT VBKOM

VBKOM is a strategic technical mining consultancy connecting geological, engineering, and commercial insight across the project lifecycle. We bring practical technical judgement to the decisions that shape mineral asset development.

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