

Exploration



Capability Statement

The VBKOM Geology Team has excellent experience in the following exploration activities:



Exploration Management

- ✓ Exploration Planning & Execution
- ✓ Budgeting
- ✓ Site, Programme & Contractor Management
- ✓ Site Rehabilitation
- ✓ QAQC
- ✓ ESG Compliance



GIS

- ✓ Mapping
- ✓ Planning
- ✓ Data Integration
- ✓ Investor Graphics



Geological Mapping

- ✓ Site Assessments
- ✓ Surface
- ✓ Trench
- ✓ Pit
- ✓ Underground



Remote Sensing & Geophysics

- ✓ Satellite & Aerial Image Interpretations
- ✓ Geophysical Surveys Management & Interpretation



Sampling

- ✓ Geochemical Soil- and Stream Sampling
- ✓ Chip (Surface, Underground)
- ✓ Pit (Metallurgical Bulk Sampling)
- ✓ Core
- ✓ Trench
- ✓ In-field Density Measurement (Hard Rock)
- ✓ Soft Sediment and Tailings Density Measuring



Data Interpretation

- ✓ Geochemical Analysis
- ✓ High-Resolution Geomagnetism & Geophysics
- ✓ In-field Handheld XRF
- ✓ Target Identification
- ✓ Technical Graphics
- ✓ Database Compilation & Management



Trenching



Pitting



Drilling

- ✓ Diamond (Surface, Vertical, Surface Incline, Underground Electro-Hydraulic & Air-Kempe, Underground Long-hole)
- ✓ Reverse Circulation (RC)
- ✓ Rotary Mud (Resource, Metallurgical Bulk Sampling)
- ✓ Percussion (Grade Control & Target Testing)
- ✓ Hand and Machine Auger Drilling



Geological Modelling

- ✓ Preliminary Interpretive Modelling
- ✓ Implicit and/or Traditional Modelling
- ✓ Resource Estimation



Investor Presentations



Audits & Due Diligence Studies



Deposits

- ✓ Primary (Sedimentary, Magmatic, Metamorphic)
- ✓ Alluvial
- ✓ Tailings Storage Facilities



North America | Canada

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Delivering Agile and Insightful Mineral Exploration Solutions

At VBKOM, we specialise in providing tailored, effective, and well-managed exploration services. We design strategic programs to de-risk projects and to optimise your financial resources to deliver the best possible results. Our lean, experienced team offers a hands-on approach, ensuring direct communication, rapid adaptation, and a deep understanding of each client project's unique requirements from greenfields to resource definition and expansion.

Our Experience

We excel in navigating the complexities of mineral exploration, adapting our methodologies to meet specific project demands related to:



Project Scale and Complexity

From rapid, focused campaigns with tight budgets to intricate multi-commodity explorations requiring diverse methodologies for regional to local scale investigations.



Geological Diversity

Proven multi-commodity experience across various geological terrains and deposit types.



Rapid Mobilisation and Data Delivery

Our agile structure facilitates quick deployment and efficient data acquisition, allowing for expedited technical data transfer to downstream stakeholders, including investors and geotechnical and metallurgical teams.

We are strategically positioned to partner with:

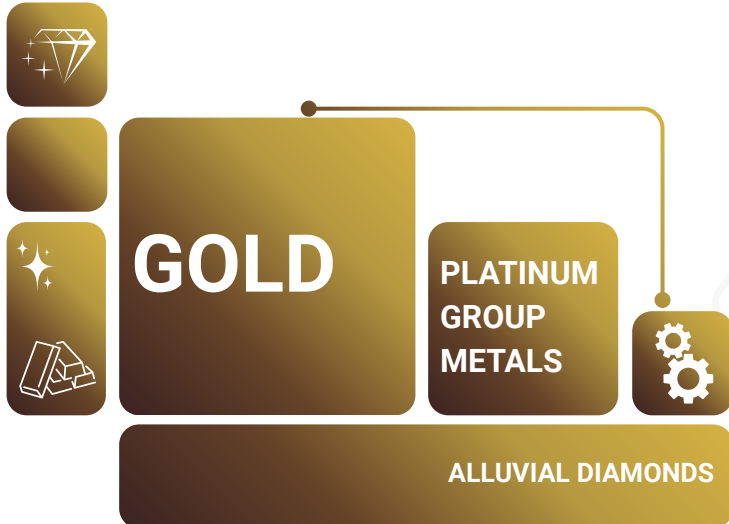
- **Junior Mining and Exploration Companies:** Providing specialised expertise to complement in-house teams and accelerate project timelines.
- **Mining Startups:** Offering comprehensive exploration support to help new ventures establish their initial resource base and attract further investment in both greenfields and brownfields environments.
- **Initial Mineral Resource-based Capitalists:** Delivering robust and verifiable technical data for informed investment decisions in mining exploration projects.



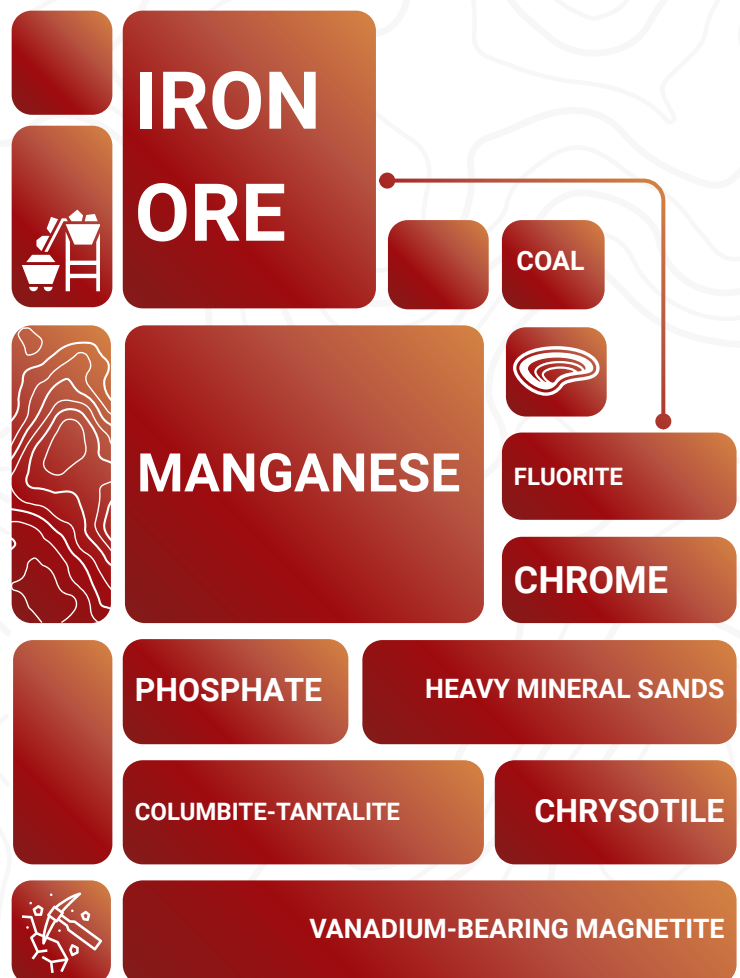
Commodity Exposure

Our strength lies in our versatile experience across a wide array of commodities and exploration techniques. We offer:

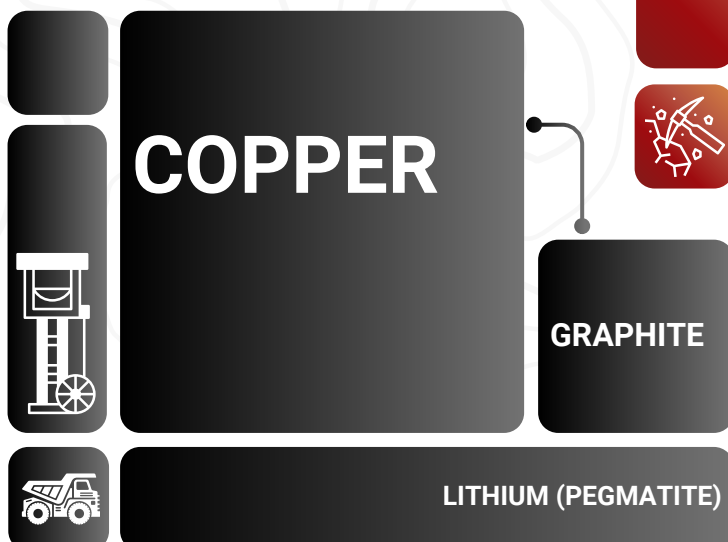
PRECIOUS METALS & GEMS



BULK & INDUSTRIAL MINERALS



BASE & BATTERY MINERALS



Key Differentiators

- › **Small and Intimate Team:** Believes in and practices direct field-to-office communication, ensuring agility, rapid decision-making, and immediate problem-solving.
- › **Hands-On Experience:** Our team possesses practical, boots-on-the-ground experience across diverse projects and challenging environments.
- › **Downstream Stakeholder Understanding:** We anticipate and understand the data requirements of geotechnical and metallurgy teams, providing technical data in a format that expedites their processes.
- › **Growing Portfolio:** Committed to expanding our track record with each successful project, demonstrating our consistent ability to deliver.

Technical Team

Our core team brings a wealth of specialised knowledge, broad commodity expertise and practical field experience across diverse geological environments:

CHANTELLE OBERMEYER

*Principal Geologist
VBKOM*



Various sampling techniques (soil, trenching, pitting, underground), diverse drilling methodologies (RC, percussion, auger, diamond - surface & underground rigs), remote sensing, data interpretation (geophysics, geochemistry, aerial photography), exploration planning and management, QAQC and standard operating procedures development and implementation, data management, site rehabilitation

Witwatersrand, greenstone and alluvial gold, chrome, PGMs, phosphates, heavy mineral sands, and manganese.

MARIA ANTONIADES

*Senior Geology Consultant
VBKOM*



GIS, investor presentation compilation, technical results graphics, handheld XRF, exploration planning and management, data interpretation, data management, rotary mud drilling and sampling, QAQC, exploration ESG monitoring.

Phosphates, PGMs, chrome, diamonds, coal, and gold.

KONSTANT PETZER

*Geology Consultant
Associate*



Exploration planning and management, field mapping, geochemical sampling, trenching, logging and sampling, geological modelling of various deposits and report writing.

Vanadium-bearing magnetite, fluorite, greenstone gold, chrome, PGMs, lithium, manganese, copper, alluvial diamonds, limestone, graphite, columbite-tantalite, clay, and coal.

The VBKOM Value Proposition

VBKOM delivers agile and insightful mineral exploration solutions. We specialize in de-risking projects, putting your and your project's interests first to get the best possible result in line with your budget.

Our lean, experienced team offers a hands-on approach, ensuring direct communication, rapid adaption, and a deep understanding of each client project's unique requirements from greenfields to resource definition and expansion.

Our expertise is defined by our ability to navigate the complexities of mineral exploration across many commodities and geological environments. We adapt our methods to project scale and complexity. We pride ourselves on rapid mobilization and efficient data collection and delivery. We also have an intimate understanding of project advancement stages and will help you expedite technical data transfer to all downstream stakeholders, including investors and geotechnical and metallurgical teams. This agility and understanding makes us an ideal partner for junior mining and exploration companies, mining startups and venture capitalists to move your project quickly through the project value curve. We provide robust and verifiable technical data for informed investment decisions.

What sets VBKOM apart is our small, intimate team that actively practices direct communication and rapid informed decision-making, coupled with extensive hands-on, boots-on-the-ground experience in challenging environments. We are proud of our growing portfolio of successful projects. We have deep commodity expertise across many commodities.

VBKOM is strategically positioned to deliver precise, efficient, and insightful solutions that drive your project forward.

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