



Geo Audit Archive

PRESERVING GEOLOGICAL KNOWLEDGE.
VALIDATING RESOURCES.
SUPPORTING INVESTMENT DECISIONS.

SERVICES FOR MINERAL RIGHTS HOLDERS AND INVESTORS

From archival data to project decisions

Preserving geological knowledge.
Verifying the project foundation.
Planning the next steps.

Archives / Analysis / 3D / Mineral exploration

SUPPORT AT EVERY PROJECT STAGE

From initial screening to exploration support

We help licence holders, mineral project operators and investors make decisions based on verifiable geological data.

01 Select a project

Archive research, portfolio screening and identification of prospective exploration areas.

PP. 03-05

02 Review a project

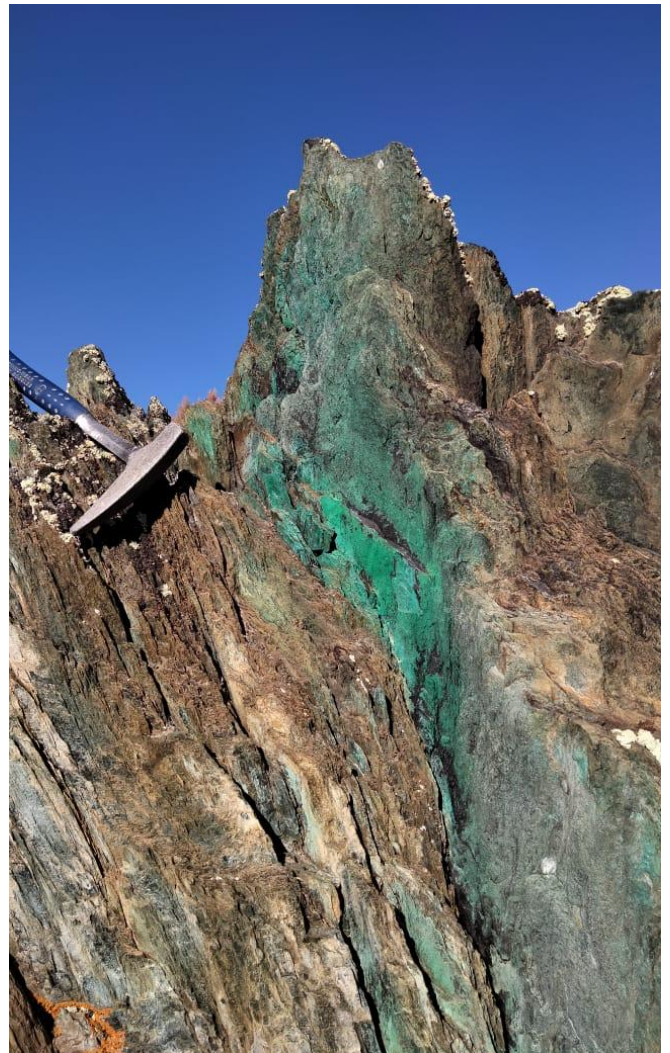
Digitisation, 3D modelling, geological Due Diligence and preliminary development scenarios.

PP. 06-08

03 Organise the work

Exploration programmes, terms of reference, contractor selection, quality control and client support.

PP. 09-11



Outcrop showing visible signs of mineralisation. Field photograph.

CLIENT DELIVERABLES

Choose a standalone service, a phased project or ongoing support. Before work begins, we agree on the objective, input data, deliverables, schedule and budget.

01 / SOURCE DATA

Geological archive services

We locate records for your site and reconstruct its exploration history.

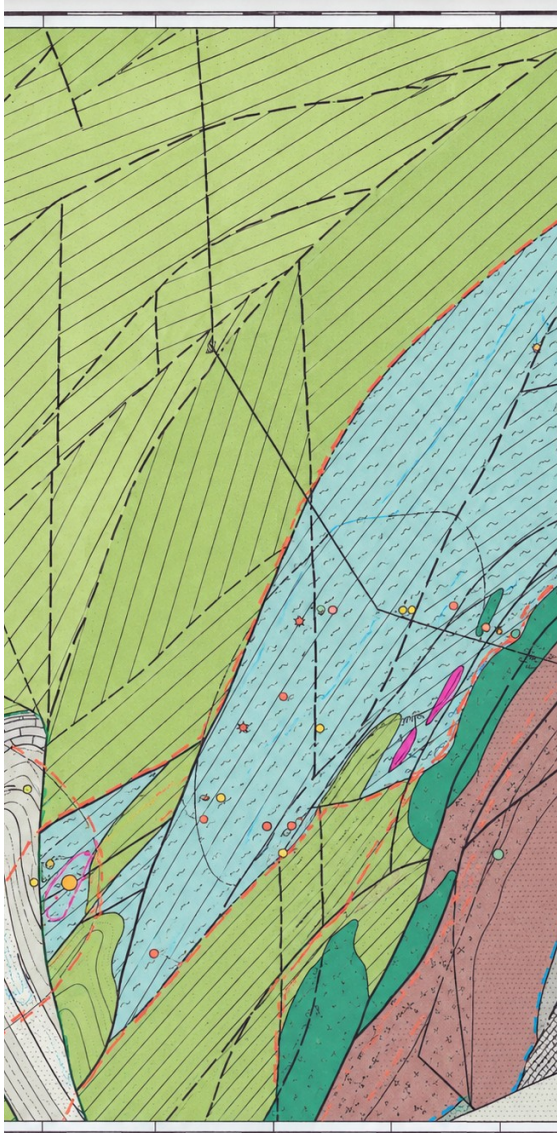


Illustration based on a scanned archival geological map. Site names and coordinates have been removed.

Search and source register

Search by coordinates, map-sheet references, site names and historical name variants.

Source material collection

We identify reports, maps, sections, drill logs, sampling, geophysical and geochemical records. We prepare and follow up on archive requests.

Organisation and traceability

Archive references, contents, availability and acquisition priorities. Each entry is linked to its original source.

Geological review

We compare sources, identify inconsistencies, review previous work and plan verification of historical results.

Search and registration, obtaining copies, full digitisation and interpretation are scoped separately. Copies are used in accordance with the archive holder's conditions.

CLIENT DELIVERABLES

A source register, a review of previous exploration, material acquisition priorities and a list of data requiring further verification.

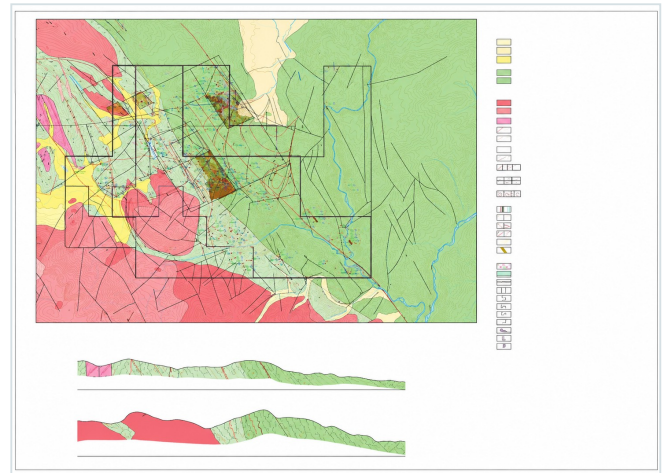
02 / INITIAL SELECTION

Geological screening

We identify which projects merit more detailed investigation.

A single site or a portfolio

- We define selection criteria for the commodity, deposit type and client objectives.
- We integrate geology, structure, mineralisation, drilling, geochemistry and geophysics.
- We compare depths, thicknesses, grades, exploration maturity and infrastructure.
- We review relevant analogues and licensing information available as of the review date.



Geological map and sections. Anonymised illustration.

SCREENING QUESTIONS

- What is already known?
- What supports the potential?
- What is missing for a decision?
- What should be checked next?

A clear next step for each project

Investigate further, request additional data, defer or remove from the current shortlist. We assess site potential and the reliability of supporting evidence separately.

CLIENT DELIVERABLES

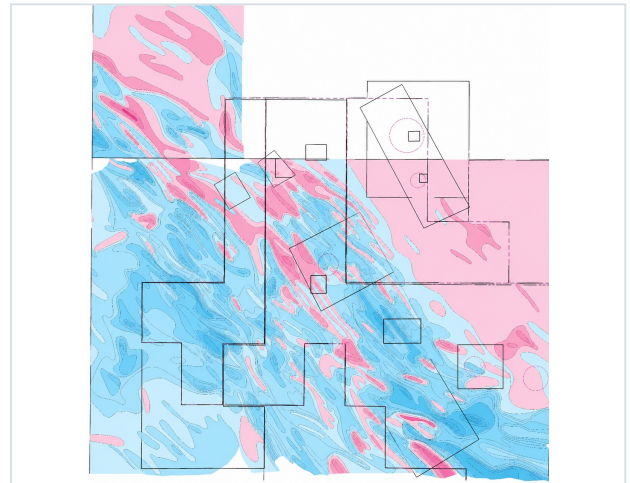
A project comparison matrix, maps, priority ranking and a list of verification tasks for the next stage.

03 / EXPLORATION TARGETS

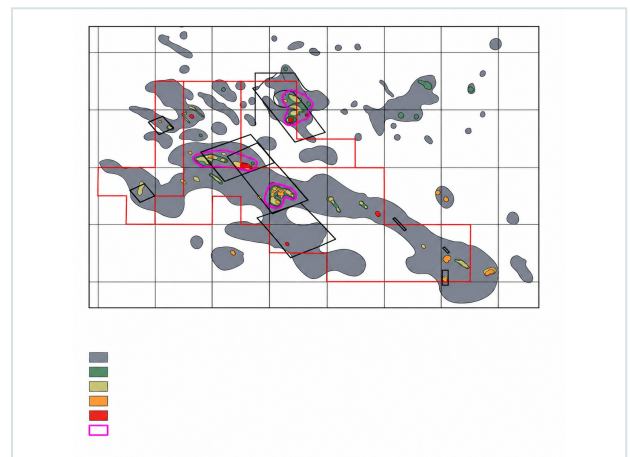
Selecting areas for exploration

Exploration Targeting: we integrate exploration indicators to justify where to investigate and what to test first.

- **Geology and metallogeny:** lithology, age, mineralised horizons, intrusions and alteration zones.
- **Tectonics:** faults, structural intersections, folds, contacts and zones of permeability.
- **Geochemistry:** target-element and pathfinder anomalies, sampling density and quality.
- **Geophysics:** magnetic, gravity, electrical and other relevant datasets.
- **Satellite imagery and terrain:** lineaments, alteration, palaeochannels and weathering surfaces.
- **Archives and analogues:** occurrences, trenches, drillholes, historical results and conflicting evidence.



Magnetic anomaly field. Anonymised illustration.



Multi-element geochemical halos. Anonymised illustration.

We integrate indicators in GIS and rank targets by potential and confidence. We review licensing information, site access and infrastructure as of the analysis date.

CLIENT DELIVERABLES

Priority polygons and coordinates, an exploration indicators map, a selection rationale and an initial exploration programme.

A numerical Exploration Target is scoped separately: conceptual ranges of tonnage and grade with stated assumptions. Identifying a prospective area does not itself establish Mineral Resources or Ore Reserves.

04 / DIGITAL GEOLOGY

Digitisation and 3D modelling

We turn maps, plans, sections and drillhole records into a consistent digital foundation for your project.

From source records to spatial data

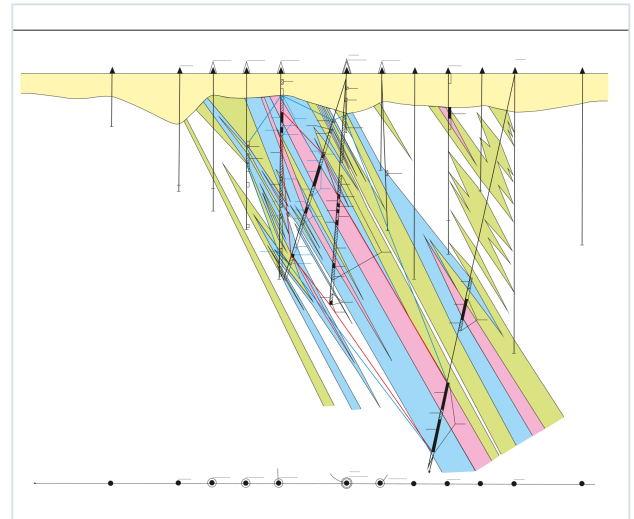
We extract tables and build drillhole and interval databases. We georeference, vectorise and establish elevation references for source materials.

From sections to 3D geometry

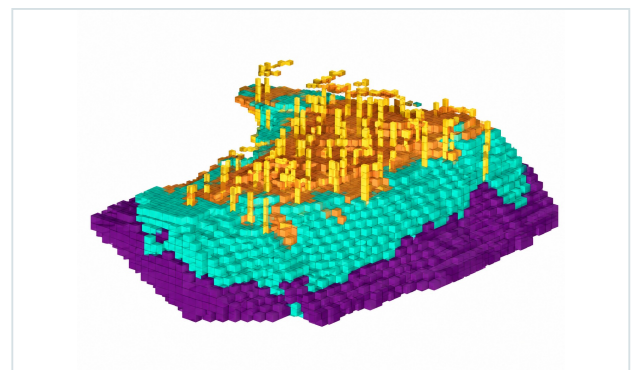
We reconstruct mineralised bodies, horizons, faults, workings and surfaces. We reconcile plans and sections and check spatial discrepancies.

Models with a traceable basis

We distinguish verified geometry from interpretation. We check wireframes and domains and prepare data for block modelling and resource estimation within the agreed scope.



Geological section with identifying labels removed. Example source material for digitisation.



Resource block model. Anonymised demonstration visual adapted from a previously discussed example.

GIS and digital mapping

Exploration coverage maps, licence polygons, geological and structural maps. Delivery in KML/KMZ, SHP, GeoPackage, GeoTIFF or DXF, with the coordinate reference system specified.

CLIENT DELIVERABLES

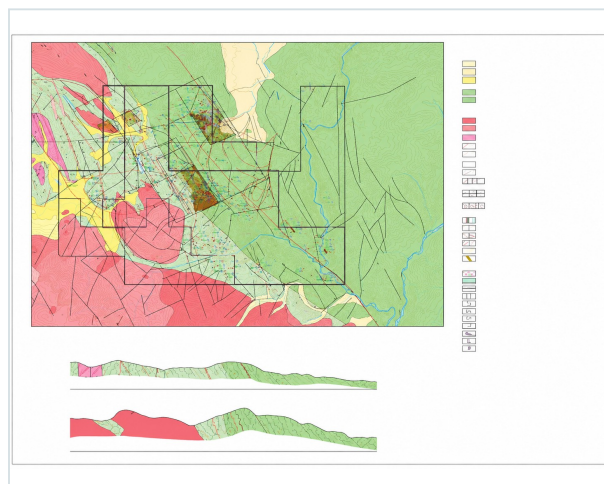
A digital database, outlines, surfaces and wireframes linked to source records. Formats are agreed for Micromine, Leapfrog and other software; accuracy depends on source quality.

05 / PROJECT VERIFICATION

Geological Due Diligence

Detailed technical review before acquiring an asset, entering a partnership or funding exploration.

- We compare project claims with original reports, drillhole databases, sampling records, maps and models.
- We assess historical data reliability, geological continuity, sample representativeness, bulk density and QA/QC.
- We review model assumptions and identify critical gaps, inconsistencies and areas requiring further specialist review.
- We screen licence documents and the history of rights, and prepare questions for legal due diligence.



Comparison of a geological map and sections. Anonymised illustration.

REVIEW FOCUS

Data sources
Quality of evidence
Model assumptions
Material risks
Verification programme

Historical estimates and resource reporting

We assess the readiness of State Commission on Mineral Reserves (GKZ) materials for KAZRC, JORC or NI 43-101 reporting. We identify gaps and plan how to address them. Classification requires justification by the appropriate CP or QP; categories are not converted automatically.

CLIENT DELIVERABLES

A material risks report, missing evidence list, questions for the owner and a verification programme to support a decision.

06 / DEVELOPMENT SCENARIOS

Scoping studies and mine plans

We connect the geological foundation with possible development scenarios and further studies.

Scoping Studies

- We identify preliminary mining, processing, recovery and saleable-product options.
- Where data are sufficient, we estimate indicative capital and operating costs and assess infrastructure, water and energy requirements.
- We test scenario sensitivity to grade, recovery, throughput, costs and price assumptions.
- We develop a study plan for the next project stage.



Site exposure and access conditions. Field photograph.

We lead the geology and coordination. Mining, processing and economic sections are developed with relevant specialists.

Mine plans

Prepared and updated with mine design specialists: geological basis, mining sequence, scheduled ore and waste volumes, mine geometry and infrastructure. We coordinate the sections and support responses to technical comments.

CLIENT DELIVERABLES

Development scenarios, an assumptions register and a study plan. For mine planning: a coordinated set of written and graphical materials.

Where input data are insufficient, we undertake a conceptual review. A Scoping Study cannot support a declaration of Ore Reserves (JORC Code 2012, clauses 37-38).

07 / PREPARING EXPLORATION

Exploration plans and contractors

We translate geological objectives into methods, work quantities, schedules and verifiable deliverables.

Exploration plans and programmes

Prospecting, exploration, infill work and verification of historical data. We justify drilling targets, methods, sequencing, work quantities and schedules.

Terms of reference

Drilling, geophysics, geochemistry, sampling, laboratory, surveying and office-based work. We define input data, methods, delivery formats and acceptance criteria.



Field visit: working with equipment. Photograph from previously discussed materials.

Contractor selection and comparison

- We identify contractors and prepare a shortlist for the specific task.
- We request and compare proposals by experience, personnel, equipment, methods, schedule and cost.
- We prepare a comparative assessment and selection recommendations for the client.
- We include QA/QC, budgets, milestones and pilot work where needed.

CLIENT DELIVERABLES

An exploration plan or programme, work layouts, terms of reference, a contractor comparison matrix, an indicative cost estimate and acceptance criteria.

08 / DELIVERY OVERSIGHT

Exploration support and consulting

We support clients in the field and during data processing, helping adapt programmes as new evidence emerges.

Field and office-based support

Oversight of geological logging, sampling and QA/QC. Database maintenance and timely interpretation of results.

Contractor coordination

We check work quantities, schedules and compliance with terms of reference. We review reports and prepare comments and acceptance documentation.

Project consulting

One-off expert sessions or ongoing support. Independent review of models and reports, advice to management and support in resolving technical comments.



Field photograph from previously discussed materials.

DATABASES AND QA/QC

- Coordinate and unit checks
- Missing records and duplicates
- Overlapping intervals
- Standards, blanks and duplicates
- Correction log

Data quality control

We review assay results and control samples and design check-sampling programmes. We assess whether the database is fit for further interpretation and modelling.

CLIENT DELIVERABLES

Regular reports, a checked database with a change log, comments on contractor deliverables and an updated action plan.

09 / PRESENTING THE PROJECT

Investor materials and industry analysis

We help present the geological basis of your project clearly and consistently, with the status of the data explained.

Project profile and presentation

Technical summaries, investor presentations and virtual data rooms. We check consistency of figures and trace conclusions to their sources.

Technical discussions

We prepare responses to questions, missing-material lists and model explanations. English-language summaries and participation in working meetings are provided as agreed.

Industry analysis

Targeted monitoring of licences, projects and public corporate information. Databases of specialist contractors and publicly available business contacts.



Satellite base image with a site boundary. Site names and coordinates have been removed.

Delivery formats:

PDF / presentation

GIS layers / database

register / model

digital archive

Industry communications

Through Geology KZ & Asia: separate packages for technical content, vacancies, events and branded topics. Commercial placements are contracted separately and do not influence expert conclusions.

CLIENT DELIVERABLES

A coordinated set of materials for technical project discussions, contractor sourcing and presentation to the client or investor.

WAYS TO WORK WITH US

Service packages

From a single task to a phased project and ongoing geological support.

PACKAGE	MAIN DELIVERABLE
Site archive	Source register and acquisition priorities
Project or portfolio screening	Maps, project comparisons and priorities
Exploration area selection	Polygons, rationale and verification programme
Digitisation and 3D	Digital database, outlines, surfaces and wireframes
Pre-transaction review	Due Diligence, risks and verification programme
Exploration preparation	Programme, terms of reference, budget and contractors
Scoping and mine planning	Scenarios, assumptions and design materials
Resource estimation readiness	Checked database, QA/QC and gap closure
Geological support	Periodic reviews and an action plan

Getting started

Send us your objectives, coordinates or project list, and available records. We agree on scope, deliverables, schedule and budget. Pricing depends on the project stage and the condition of the data.

Fieldwork, laboratory services, material acquisition and specialist reviews are separate cost items. A Competent Person or Qualified Person (CP/QP) is engaged for public resource reporting. Mining, processing and legal sections are handled by relevant specialists.

LET'S DISCUSS YOUR PROJECT

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Maps and the resource model are adapted from working materials as anonymised demonstration illustrations. Site names and coordinates have been removed. Original data are used for technical calculations.