RIIKONKOSKI
COPPER–GOLD PROJECT

A drilled copper deposit in Finland's Central Lapland Greenstone Belt — 127 historic holes for 25,302 m, gold recorded inside the copper, and the one dataset that would settle it never published

Geomorphic AI Finland Oy · Kittilä, Finnish Lapland · open to joint venture · August 2026

The position	A granted Tukes reservation of 6,087 ha over the historic deposit and its untested extensions, valid to May 2028 – priority to apply for an exploration permit, not an authority to drill
The historic deposit	127 state-survey holes for 25,302 m in 1970–1973 delineated three copper bodies: about 9.54 Mt at roughly 0.48% Cu, including an eastern body of 2.45 Mt at 0.68% Cu whose higher-grade component is 0.70 Mt at 0.77% Cu. Historic 1970s figures – non-compliant, and not a current Mineral Resource
Gold already on the record	Selected intervals from the 2011 re-assay of historic core, on approximate true thickness: 6.0 m at 6.75 g/t Au with 0.48% Cu · 6.0 m at 5.694 g/t Au with 1.38% Cu · 5.1 m at 1.144 g/t Au with 1.05% Cu · 3.49 m at 0.729 g/t Au with 2.86% Cu
And the copper carries width	From the same selected disclosures: 18.8 m at 1.32% Cu with 0.192 g/t Au · 18.0 m at 1.82% Cu with 0.420 g/t Au · 13.5 m at 1.54% Cu with 0.289 g/t Au
Corroborated in the state survey's own logs	Independently of that re-assay, GTK per-hole forms carry sampled intervals such as 2.00 m at 3.47% Cu with 2.4 g/t Au and 1.00 m at 3.95% Cu with 0.6 g/t Au, and the 1972 report recorded occasional 1–4 g/t Au in all three bodies
What was never published	No endpoints were released with those intervals, and the complete 1,424-sample assay table, certificates and QA/QC record have never been recovered – the asymmetry a partner closes for archive money, not drilling money
Sought	A joint-venture partner to fund a staged, gated, archive-first programme, with technical execution and the data position provided by Geomorphic AI

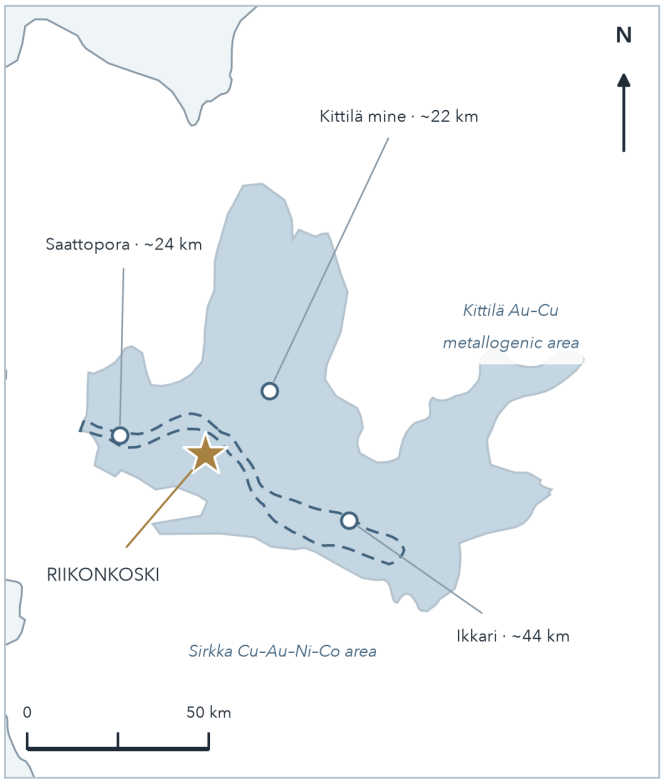

Figure 1 – Regional setting

Riikonkoski Cu–Au Project

Central Lapland Greenstone Belt

Kittilä, Finnish Lapland

The project sits inside GTK's compiled Kittilä Au–Cu metallogenic area and on the Sirkka Cu–Au–Ni–Co core area. Agnico Eagle's producing Kittilä mine lies ~22 km northeast, Rupert Resources' Ikkari ~44 km east-southeast and past-producing Saattopora Cu–Au mine ~24 km west.

LEGEND

- Riikonkoski Cu–Au Project (reservation held)
- Third-party mine or deposit – not Company ground
- Kittilä Au–Cu metallogenic area (GTK)
- Sirkka Cu–Au–Ni–Co core area (GTK)

Belt outlines are GTK's Fennoscandian metallogenic-area compilation. Third-party mines and deposits come from the same official compilation, are not Company ground, and are not indicative of any result at Riikonkoski. Distances approximate; title geometry withheld.

Figure 1. Riikonkoski in the Central Lapland Greenstone Belt, inside GTK's compiled Kittilä Au–Cu metallogenic area. The mines and deposits shown are third-party ground, named for location only and not indicative of any result at Riikonkoski.

Why this ground

- **A drilled deposit with a data problem — not a grassroots concept.** The official collar inventory carries 127 holes for 25,302 m over 1970–1973, and the historic estimate was built off just 52 of them at a 0.3% Cu inclusion threshold. Drilling is shallow — broadly above 400 m — and the state survey described the higher-grade eastern body as bounded downwards only at its northern end.
- **The grades are on the record. The dataset that would make them bankable is not.** The 1972 state report noted occasional 1–4 g/t Au in all three bodies with gold following copper, and the per-hole forms carry intermittent gold analyses — selective, and biased toward sulphide and copper intervals. The 2011 re-analysis then disclosed fifteen intervals out of 77 re-logged holes and 1,424 re-assayed samples, but published no endpoints with them and never released the assay table. That gap is the opportunity.
- **The decisive spend is archival, not metres.** Recover the full sample list, assay table, certificates and QA/QC record; map which intervals were and were not analysed for gold; re-assay archived pulps and core under modern QA/QC. Thousands of euros of data work stands between today's position and a defensible answer — the first euros buy evidence, not metres.
- **The value question is bounded, and already located.** The practical gate is the higher-grade eastern body and the targets beside it; the larger, lower-grade western tonnage is materially constrained by a protected river corridor across the drilled ground — one defined question, not an open-ended district.
- **The belt consolidated around this ground in 2026.** Agnico Eagle completed its Fingold, Aurion and Rupert transactions in the second quarter of 2026, describing the resulting platform as approximately 2,492 km². That raises the value of technically credible, data-resolved projects on this belt. It is no evidence of interest in Riikonkoski itself.

The opportunity

Riikonkoski is unusual for early-stage ground: the copper system is already drilled and described, and the open question is not whether there is gold in it, but how much, where and how continuous. Both the state survey and the one modern operator that touched the core found gold, and neither left a dataset that can be audited. That gap closes with archive recovery and confirmatory assays, before a partner funds geophysics or a metre of drilling. The reservation is granted and the ground is open now, ahead of the answer.

The programme, and how it gates

Stage	Work	Advance only if
1 · Source recovery	Obtain the complete 2011 sample list, assay results, certificates and QA/QC record; reconcile every disclosed interval to its endpoints	Data integrity and spatial continuity can actually be assessed
2 · Archive audit	Verify the historic gold rows and map which intervals were and were not analysed for gold	A ranked archive sample list, and unsupported corridor claims off the table
3 · Confirmatory assays	Re-assay archived pulps and core for gold and multi-element with blanks, standards and duplicates	Grades replicate in coherent geological continuity, not as isolated highlights
4 · 3D integration and permit-stage design	Reconstruct collars, surveys, bodies, protected river geometry and verified intervals into one exploration-grade model, then design and cost mapping, geophysics and drill concepts around the legal and environmental constraints	The model defines a field test worth permitting, and tenure, environmental and social re-screening supports advancing

Talk to us

The full evaluation brief — tenure, drilling record, gold-evidence audit, gated programme and source register — is available to qualified counterparties under confidentiality. Enquiries: info@geomorphic.ai · geomorphic.ai

Important notice. Conceptual and preliminary. Riikonkoski has no current Mineral Resource or Ore Reserve; the historic tonnage is a non-compliant 1970s state-survey estimate. The 2011 intervals are selected third-party disclosures on historic core, published without endpoints and not representative of any body; state-survey intervals are individual sampled lengths, not composites. A reservation gives priority to apply for an exploration permit; it does not authorise exploration or drilling. Coordinates and title geometry released only under confidentiality.