EKOMETALL

THE GATEWAY TO AUSTRIA'S CRITICAL MINERAL WEALTH



SCHWAZ-BRIXLEGG

A 90 km² silver, copper, and antimony license over the most prominent historical mining district in the Alps

TECHNICAL SUMMARY · NORTHERN GREYWACKE ZONE

Ag Cu Sb

CONFIDENTIAL

31 August 2026

THE OPPORTUNITY

The most prominent historical mining district in the Alps, entirely unexplored in modern times

Schwaz-Brixlegg is an approximately 90 km² license area along the Lower Inn Valley in Tyrol, Austria. It is a single metallogenic district contained within the Lower Devonian Schwaz Dolomite, with the dominant ore mineral being fahlore, a group of complex sulfosalt minerals of the tetrahedrite-tennantite series. Fahlore and sulfosalts are mined globally in places like Keno Hill (Yukon), Orcocampa (Arequipa, Peru), and the Galena Complex (Coeur d"Alene, Idaho). It is controlled by a single late-Alpine brittle structure, expressed across over 20 km of strike length.

The production record includes over 75 million ounces of silver produced throughout its multi-century history. Falkenstein alone is credited with approximately 1,676 tonnes (over 55 million ounces) of silver produced, and historic fahlore at Ringenwechsel is described at roughly 34.5% Cu, 20% Sb and 4,500 g/t Ag. The archives that record this have now been machine-read at scale.

Little to no modern exploration drilling has occurred on this ground. The license package is contiguous, the historical workings are accessible, and the smelter that processed this ore for five centuries is still operating in the valley.

90 km²	~20 km	23	197	2
CONTIGUOUS LICENSE AREA	DISTRICT STRIKE LENGTH	HISTORICAL MINES	HISTORICAL DOCUMENTS	CRMA-LISTED METALS

WHY PARTNER WITH EKOMETALL IN AUSTRIA?

An exploration and drill permitting pathway already proven on Ekometall ground, in a Tier-1 EU jurisdiction, with the A12 Autobahn, the Munich-Innsbruck-Verona main line, hydroelectric power and an operating primary copper smelter all inside or against the license. An Austrian-based, German-speaking technical team with proven operational capability in-country.

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DOCUMENT CONTROL

Field	Detail
Document	Schwaz-Brixlegg Technical Summary
Prepared by	Ekometall Exploration GmbH
Date	31 August 2026
Geological basis	GexplOre AI LM platform synthesis of historical Austrian mining archives; regional geology by Ekometall
Classification	Confidential - distribution restricted



01

Project Overview, Access & Infrastructure

Brixlegg is Alpine, but it is not remote. Autobahn, main-line rail, hydro power and an operating copper smelter all sit inside or against the license.

IN THIS SECTION

01 The license at a glance, and how to reach it

02 Road, rail, power and a copper smelter in the valley

03 Permitting under MinroG, and what Tessenberg proved

1.1 At a glance

Parameter	Detail
Project	Schwaz-Brixlegg, Tyrol, Austria
License area	Approximately 90 km²; centred near 47.38°N, 11.84°E
Annual license fees	Approximately €1,550
Domain (this package)	Northern Greywacke Zone | Lower Devonian Schwaz Dolomite
Lead CRMA commodity	Copper, Antimony
Primary deposit model	Carbonate-hosted Ag-Cu-Sb(-Hg) fahlore replacement and vein-breccia (tetrahedrite and tennantite)
Historical anchor	Centuries of documented workings; the most prominent historical mining district in the Alps, reportedly producing most of the silver that fueled the Habsburg dynasty
Historical intelligence	197 historical documents; 106 points of interest generated in GexplOre's historical data scraping exercise
Stage	Target generation; historical-data compilation complete



Figure 1. Forestry road access to the Kaiserbrundl and Gratlspitz workings. Most historical workings in the district are reached by existing forestry road or Alpine trail.

1.2 Access, infrastructure & communities

The license sits in one of the best-serviced mining districts in the Eastern Alps. The Inntal Autobahn (A12) and the Munich-Innsbruck-Verona railway, one of Europe's primary trans-alpine freight and passenger corridors, run the length of the block along the Inn Valley floor past Schwaz, Brixlegg and Rattenberg. Innsbruck lies approximately 40 km west of the license area.

Regional centres within or immediately adjacent to the block include (approximate populations in parentheses) Schwaz (13,900), Wörgl (14,500), Brixlegg (2,900), Rattenberg (400) and Reith im Alpbachtal (2,900). High-voltage transmission infrastructure and abundant hydroelectric power cross the valley. Most significantly, the district hosts an operating non-ferrous metals smelter, Montanwerke Brixlegg, one of the few primary and secondary copper smelters in the Eastern Alps.

This infrastructure base materially lowers the cost and timeline of exploration programmes and provides a uniquely favourable downstream and logistical context relative to remote critical minerals jurisdictions.

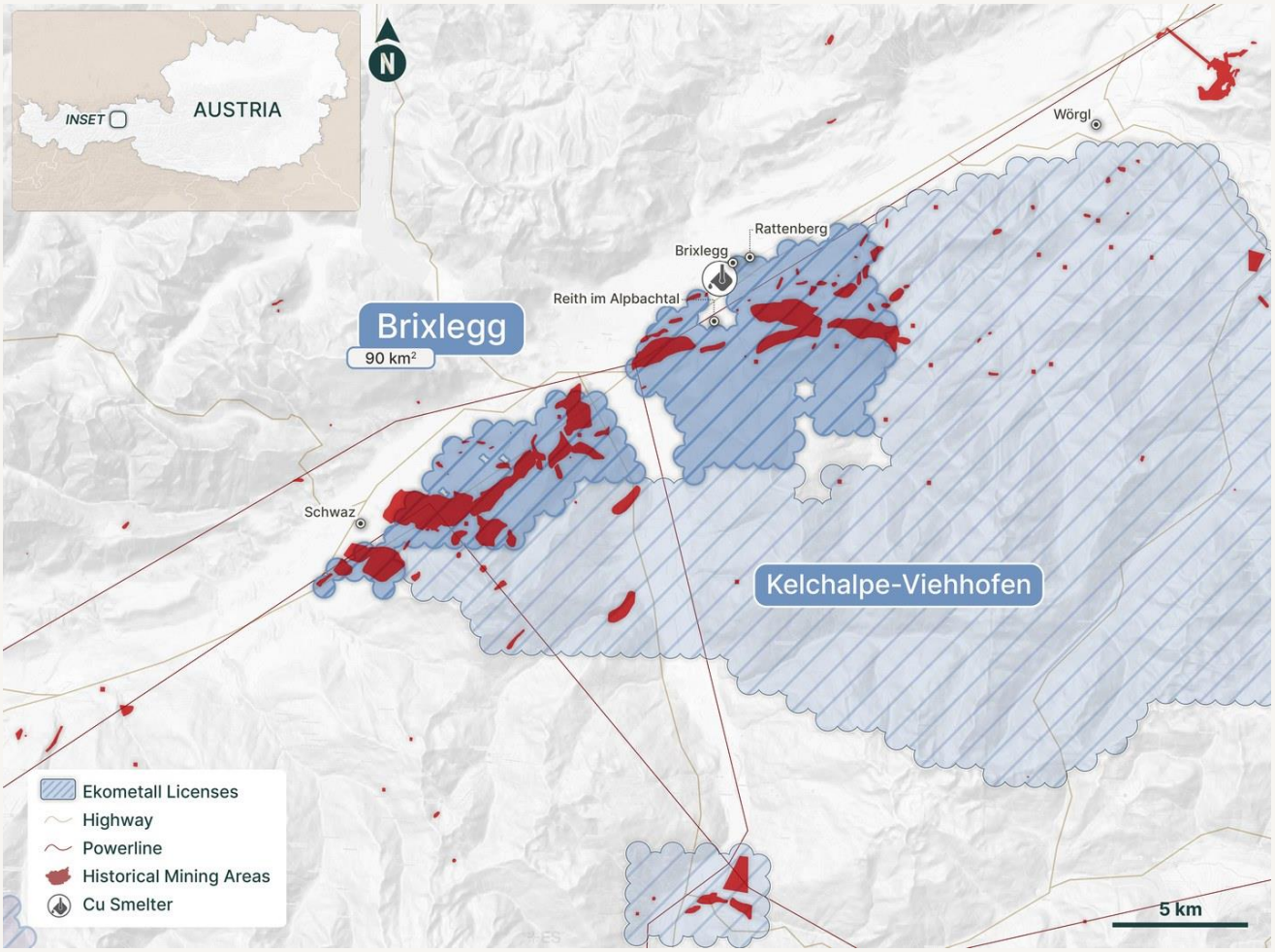


Figure 2. Schwaz-Brixlegg project infrastructure: highway, rail, powerlines, historical mining areas and the Montanwerke Brixlegg copper smelter. Project outline and Ekometall licenses shown.

1.3 Permitting & community

The Tessenberg case study

Austria offers one of the most predictable permitting environments in the EU for early-stage exploration. Under the Mineral Raw Materials Act (MinroG), the process is technical and formal rather than political, and landowner consent is the primary requirement. A single oral hearing with site inspection is typical, and private-law flexibility keeps timelines short and predictable. This contrasts with jurisdictions that impose mandatory multi-stage public participation, formal social-license tests and extended approval timelines.

The centre of the Schwaz-Brixlegg license area sits approximately 82 kilometres northwest of Tessenberg in East Tyrol, where Ekometall's 2025 drill program delivered the proof of concept for this package. Early engagement with municipal mayors enabled trust-building, stakeholder identification and the contracts that proved decisive. The result was an initial drill permit in roughly five months from application, and approximately eight months from first engagement to drilling, with local contractors assisting in drill path and pad preparation, equipment haulage, and core storage.

The Schwaz-Brixlegg license area is made up of 196 individual exploration licenses, or "Freischurfen." The annualized holding cost for this license is approximately €1,550, based on the number of individual exploration licenses held. Licenses are allowed to be dropped at any time with no penalty, and expanding the license area or portfolio requires an application to and approval by the Austrian Mining Authority.

PROCESS TIMELINE

Spring 2024	Mar 2025	Apr 2025	Jun 2025	Aug 2025	Nov–Dec 2025
Stakeholder preparation	Landowner assembly	Work programme submitted	Hearing and approval	Initial drill permit	Drilling executed

Tessenberg outcome	Detail
Time to initial drill permit	~5 months from application
Application to execution	~8 months total
Stakeholders engaged	17, led by early mayor engagement
Permitting pathway	MinroG: landowner consent; single oral hearing with site inspection
Environmental oversight	Independent ecological supervision; spring/water monitoring before, during and after; mine-survey assessment; full site restoration
Independent assessment	Impacts found “minor, locally limited, and fully reversible”



The Gateway to Austria's Critical Mineral Wealth

REQUEST THE COMPLETE TECHNICAL AND COMMERCIAL PACKAGE

The full package is accessible via mutual non-disclosure agreement and carries the complete technical and commercial record for the entire license area, with both regional and project overviews along with target-specific data points.

What does the NDA release?

- Regional geological overview and metallogenic framework
- Domain technical summary
- Deposit style target framework
- AI-based historical intelligence overview
- Historical occurrences, key data points, and deposit style analogues

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