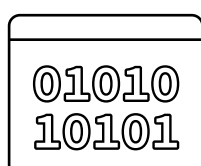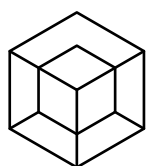# 5 steps to robust, defensible mineral resource estimates

Discover how the Leapfrog Edge extension helps Leapfrog Geo users integrate geological modelling and resource estimation into a single, visual, audit-ready environment.
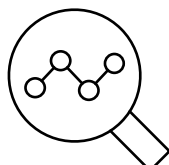
01

Ingest and validate data

Import drillholes and surveys directly into Leapfrog Geo, then flag erroneous data and outliers in seconds. Starting with validated data reduces the risk of downstream surprises and speeds up QA sign-off.

02

Build 3D geological domains

Leapfrog Geo's implicit modelling creates domains, contacts, and structural trends more efficiently, giving the team a clear, visual understanding of ore geometry so they can refine drilling plans sooner.

03

Use Leapfrog Edge for estimation

Access the mineral resource estimation capabilities in Leapfrog Edge directly within your Leapfrog Geo project — no exports required.

04

Iterate quickly

Choose kriging, IDW, or RBF, tweak variograms live in 3D, update models with new data, and re-run estimates without leaving the project. Live refresh keeps geology and estimates in perfect sync, creating a single source of truth everyone can view, analyse, and annotate in real time.

05

Validate and report

Generate swath plots, reconciliation stats, and comprehensive resource reports that meet standards such as NI 43-101 and JORC. Built-in audit trails boost investor confidence and streamline regulator reviews.

Read the white paper or visit **Seequent.com** to learn more.

SEEQUENT