



Coeur Kensington Revolutionizes Production Workflow with FaceCapture



At a glance

Coeur Mining uses FaceCapture in its Kensington Mine, an underground gold mine in Southeast Alaska, to implement a fully digital, data-driven workflow, resulting in optimized planning, and daily orebody modeling.

“ Our MVS system has elevated every part of our geology work—mapping, interpretations, and block modeling—bringing an accuracy and confidence we’re truly excited about. ”

- Rae Keim,
Technical Services
Manager

CHALLENGES

- Outdated, imprecise, paper-based mapping
- Manual processing and analysis
- Limited survey frequency in production headings
- Need for georeferenced geology data and position information
- Data collection and the end-of-heading-life

SOLUTIONS

- Implemented FaceCapture in 2025
- Fully digital geologic data collection
- Collected scans in every production heading, every shift
- Integrated digital production data to modeling platforms on a per-shift basis



Daily orebody modeling



Optimized planning



Higher production output

BENEFITS

- Significant reduction in face and geologic mapping time
- Optimized planning for lateral headings and stopes
- Provides real-time face positioning against the mine plan and orebody model, offering supplemental geolocation between survey pickups—without requiring surveyor measurement.
- Expanding FaceCapture program to 2 more sites in 2025
- Georeferenced channel samples for up to the shift modeling



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