



CAVE MINING SERVICES

Turn to the Experts in Block and Sub-level Caving

Extending beyond software training and support, Gemcom's Services for block and sub-level caving operations span every mine phase from concept and pre-feasibility studies through reconciliation. In fact, it is the Gemcom geologists and engineers behind Gemcom PCBC™ – the leading block cave planning and scheduling solution worldwide – and the Gemcom GEMS™ sub-level caving module (PCSLC) who can best deliver cost-effective and timely assistance to clients when they don't have time or in-house resources available. With a global reach and local presence, our cave mining experts can help you drive productivity, improve efficiencies, and control costs whether at your head office or mining site.

Concept Studies

The Gemcom cave mining team recognises the increasingly important role that concept studies are playing in mining, and can therefore provide you with valuable planning assistance to help optimise cost management, risk assessment, and overall project success. A common application of conceptual planning, for example, considers the pros and cons of block caving versus sub-level caving when transitioning open pit mines

underground. Our services experts will work with your mining teams to explore how best to leverage either your PCBC software or GEMS PCSLC module in order to determine the best possible course of action for your mine site.

Pre-feasibility and Feasibility Studies

To ensure you are getting the most out of your pre-feasibility and feasibility studies, Gemcom's block and sub-level cave experts conduct sensitivity and risk analyses by looking at detailed layout and production specifics.

Implementation Work

Onsite assistance ensures seamless systems integration during the initial stages of mine production. Not only will our experts be on hand to have your Gemcom software up and running quickly, they will also set up its Cave Management System, ensuring a seamless interface to Sandvik AutoMine® or equivalent dispatch system. At this stage, they will train your team on the interaction between daily production, short-term planning, and long-term strategic planning.

Gemcom Services are available for exploration, geology, engineering, and mine operations projects.

Reconciliation

Gemcom Services are also available to support mining activities for the mature block or sub-level cave mine. Once there is sufficient historical operating data available, our experts will help to calibrate the operating parameters for your Gemcom software solution to better reflect the mine's historical performance, thereby improving confidence in future forecasts and schedules. Our team can also model the residual block or sub-level cave material in preparation for subsequent mining lifts.



Work side-by-side with our cave mine experts to get projects done quickly.

For more information email sales@gemcomsoftware.com or visit www.gemcomsoftware.com/services.

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