

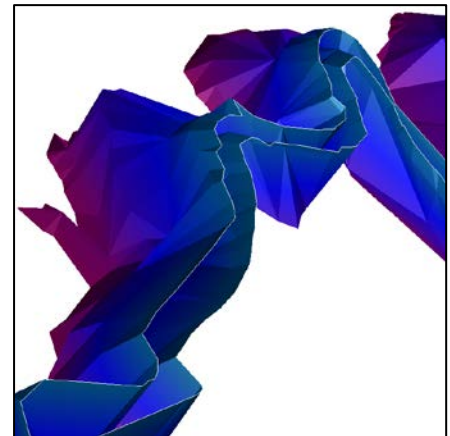


CUBECONSULTING™

ECX for Estimation

Practical Solutions, Quality Outcomes

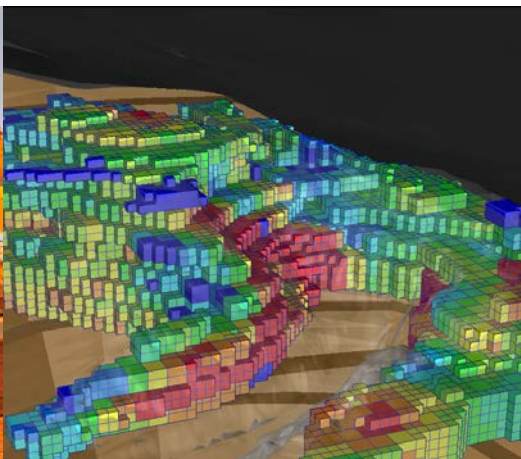
Cube Consulting has a very strong focus on the operating needs of producing mine sites, with a history in building, implementing and training in grade control and estimation systems built around **Surpac**. With successful deployments in Africa, Asia and Australia, our geology team have experience across a range of commodities in underground and open pit environments.



Our new Estimation Control System (ECX) provides the flexibility needed to manage estimations in multi-element and multi-domain environments in a **repeatable** and auditable fashion. The ECX system allows dynamic estimation into folded domains, providing significant time savings and added functionality to Surpac.

The system is **easy to use**, with a wide range of useful outputs, including kriging neighbourhood analysis and a detailed audit report of the estimation run. External parameters are saved to and loaded from Excel, ensuring **minimal** data entry and a convenient check for external auditors.

ECX is a stand-alone addition to Surpac mining software for whenever you need assistance running simple or complex estimations. ECX can also be installed within Cube's GCX Grade Control System for both new and existing clients.





About Cube

Cube Consulting provides consulting services and software systems to the global mining industry. We are a quality team of Geologists, Mining Engineers and IT professionals with a wide range of skills and experience applicable from advanced exploration projects through to operational mines.

Our Mining Solutions team have delivered systems into many mine sites and have established skills in structuring, managing and extracting meaningful information from mining data.

Cube Estimation Control System - Audit Report			
Control Parameters			
Assay File:		Constrain Assays:	
Assay File Id:		Assay Constraint File:	
Assay String Range:		Save Constrained Assays:	
Assay D Field:		Constrained Assay File Output:	
		Assay File Id:	
Blockmodel:			
Estimation Attribute:			
Constrain Estimate:			
Estimate Constraint File:			
Search Parameters			
Search Method:		Limit Samples by Hole Id:	
Minimum Samples:		Hole Id D Field:	
Maximum Samples:		Maximum Samples per Hole:	
Maximum Search Radius:			
Maximum Vert Search Radius:		Max No. of Adj. Empty Octants:	
Bearing:			
Plunge:			
Dip:			
Major / Semi Major Ratio:			
Major / Minor Ratio:			
Estimation Parameters			
Estimation Method:		Dynamic Dip Step:	
X Descretisation:		Dynamic Dip Direction Step:	
Y Descretisation:		Dynamic Dip Attribute:	
Z Descretisation:		Dynamic Dip Direction Attribute:	
Inverse Distance Power:			

- Geological and Mine Engineering Consulting services based on extensive practical and field based experience.
- Software applications that support our customer’s business systems, focusing on the critical areas of Mine Production Management and Grade Control.
- IT services for mining in Database and Systems Administration.

Our goal is to ensure our customers succeed through practical and professional advice.

For more information email enquiries@cubeconsulting.com or call Rebecca Kellam on +61 8 9442 2111

Helping our Clients Succeed