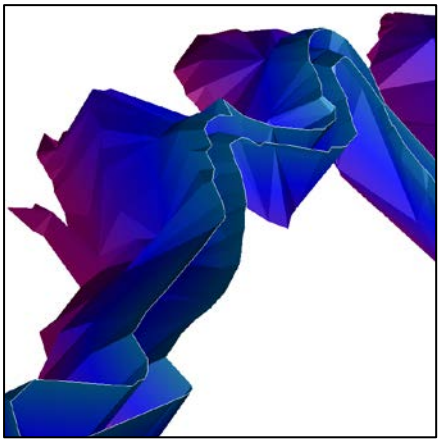
CUBE CONSULTING

ECX for Estimation

Practical Solutions, Quality Outcomes

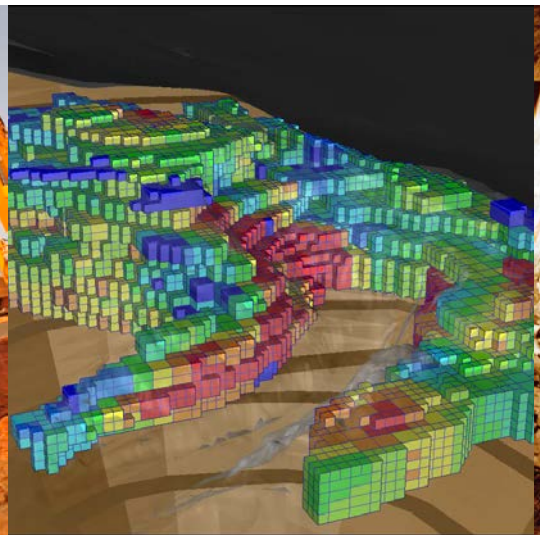


Cube Consulting has a very strong focus on the operating needs of producing mine sites, with a history in building, implementing and training in grade control and estimation systems built around Surpac. With successful deployments in Africa, Asia and Australia, our geology team have experience across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

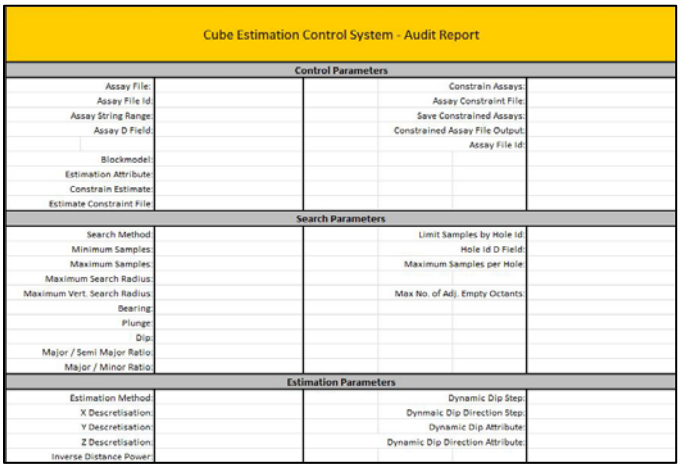
ECX is an easy-to-use addition to Surpac mining software for managing estimations in multi-element and multi-domain environments. ECX provides the flexibility needed to manage multi-pass estimations in an auditable fashion. External parameters are saved to and loaded from Excel, ensuring minimal data entry and a convenient check for external auditors.

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.

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 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:		Dynmaic Dip Direction Step:	
Y Descretisation:		Dynamic Dip Attribute:	
Z Descretisation:		Dynamic Dip Direction Attribute:	
Inverse Distance Power:			

Cube Consulting provides specialist consulting services and software systems to the global mining industry. We are a quality team of geologists and mining engineers with a wide range of skills and experience, applicable from advanced exploration projects through to operational mines across multiple commodities.

Established in 2000 in Perth, Western Australia, Cube Consulting has grown to become a world class Mining Services Company, working with our customers to add value to their projects through considered and practical analyses and advice.

- Geological Services based on extensive operational and field based experience.
- Mine Engineering Consulting Services supporting sound commercial decisions.
- Technology solutions focused on Mine Grade Control and Reconciliation.

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

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

Helping our Clients Succeed