

Mining

Adding Value

Maxwell GeoServices is working to make companies more valuable. Exploration data is an important asset, and there is a value associated with this asset. We work with companies to improve this value, and then to ensure that it has a lasting impact on the business.

dataFIRST

dataFIRST is a review process developed by Maxwell GeoServices that understands and documents a client's data management requirements, and then provides a solution. Whether it's for a company with an existing data management system or for a recently listed company, the dataFIRST process maps and documents the required workflows and solutions. No two data management systems are the same, and therefore key to this process is understanding and flexibility to deliver customisable solutions.

Digital Data Capture

Maxwell has developed two data capture tools: Nomad (PDA application) and LogChief (laptop application) that allows for a seamless migration of data to the Maxwell Data Management System. These application can be mapped to the master database or used as a standalone application. Central point of administration. Automated functionality for uploading data. Application includes data capture templates, with data validated and maintained with a strong audit trail. In house data capture templates such as xls and Access can also be integrated into the system.

Auditing

Maxwell has a suite of auditing services to provide an independent and comprehensive assessment of the quality of the data, database structure and data management process. Our audit services significantly reduce data risk across the organisation and improve discovery decision making.

Training

Maxwell provides both structured and customised training programs to address the challenges of integrating exploration data. The training programmes improve the effective usage of software and data, thereby adding value to the project.



Mining Solutions Data Management



Maxwell is a leading provider of data management software to the mining industry.

Maxwell's Mining Data Management Solutions are used by leading explorers around the world to help with the challenge of mineral discovery. The inbuilt or customised workflows provide structure and discipline to managing exploration data. At Maxwell, we believe that exploration data management solutions require experienced field people, people who have got their hands dirty with the business, people who thrive on solving data management challenges, whether they are big or small.

Maxwell's Exploration Data Management Solutions provides exploration companies with integration of functionality, service and technology. The solutions can be implemented "out the box" or as a customised data management solutions.

No two databases are the same.

The Maxwell Data Management Solutions can be set up with a number of business processes that will assist with the business of exploration:

- Establish disciplined exploration workflows
- Drilling logistics and cost management
- Sample tracking
- Contract management
- Automated assay management
- GIS file management

Open Pit Operations

Data management for successful Open Pit optimisation is crucial. It is at this point that data pertaining to all relevant aspects of the entire project are accumulated. This can include geological, grade, geotechnical, hydrological, mining, processing and environmental. The quality of this data will play a crucial role in determining the eventual economic viability of the project.

Underground Operations

The staff at Maxwell has considerable experience in with underground mining which means we are ideally placed to setup data management systems. Optimisation of underground mine design is dependant on data quality and integrity. Our experience with underground data management takes in a unique, global appreciation of all the key parameters of a project and their integration.

RC and Diamond Drilling Face Sampling Surface Sampling Geotechnical Data Grade Control Environmental Hydrological Metallurgical

Core photo viewer with geological and Geotechnical information



Structure and Grade Views



Geotechnical Drilling Reporting



QAQC Monitoring and Reporting

