

Exploration



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.

Exploration Solutions

Data Management



Maxwell's Exploration 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 provides workflows that assist with the business of exploration:

- Drilling logistics and cost management
- Sample tracking and reporting
- Contract management and cost integration
- Automated assay management
- GIS file management
- Comprehensive Reporting

Key Features of DATASHED™

Software Connectivity

Geocomm is a protocol designed to enable DataShed to dynamically exchange information with other applications such as GIS and mining applications, and Google.

Extensions and Reports

DataShed includes a series of extensions and reports that add to its rich functionality.

Tiered Security

The Configuration Application allows for tiered security levels, with user groups and modules designed to allow restricted access to the database.

Data Validation

Extensive validation workflows occur on importing exploration data, to ensure the integrity of all data loaded.

QAQCR

The QAQCR module monitors and reports on the quality of internal and external assay values. The application functionality includes control charts, comparative charts, screen size monitoring, sample reporting and QAQCR report generation.

Geology and Assay Management

DataShed includes a very comprehensive geology and assay management system to ensure that all data and metadata is collected, validated and hosted.

User Interface

DataShed has a very simple, intuitive, easy to use interface that requires minimal training. Exploration users can apply comprehensive filtering, run extensions, export selected data, integrate all types of exploration data.

Data Importing

DataShed can import files through its Import Layout function. Import layouts can be done on single files or multiple files. Automated Data Loading can be setup for the import of assay files.

Data Exporting

Data can be exported from DataShed in a variety of formats, tables, layouts and schemas. There are also exports for specific exploration software applications.

Spatial Search

The Spatial Search engine allows for viewing of drill holes and point data within DataShed. The Spatial Search can use objects and shapes to select data.

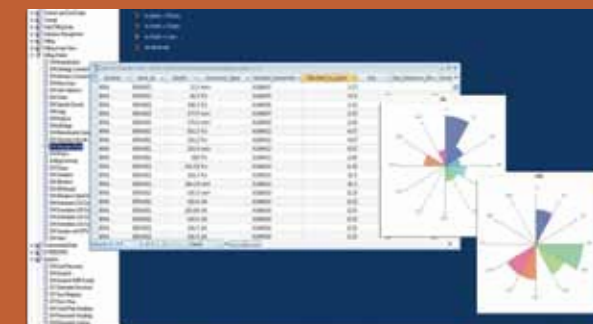
Spatial Reference Systems and Grid Transformations

DataShed has the functionality to manage and store all exploration grid transformations. Coordinates for drill holes and point data can be transformed between grid systems using DataShed.

Core photo viewer with geological and Geotechnical information



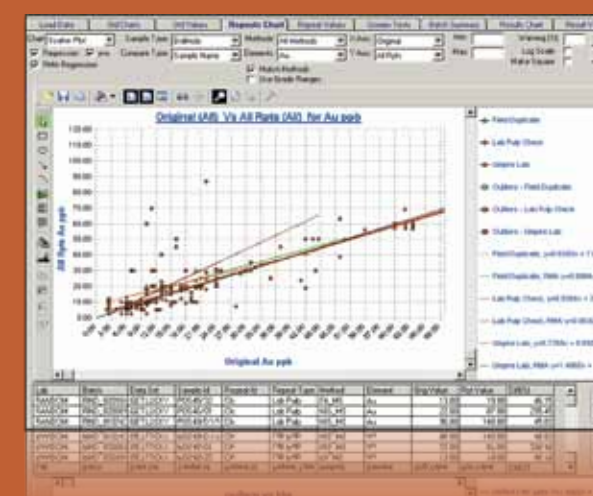
Structure and Grade Views



Geotechnical Drilling Reporting



QAQCR Monitoring and Reporting



RC and Diamond Drilling Assay Data Surface Sampling Geotechnical Data GIS Environmental Hydrological QAQCR