

SABLE 7.4

Release Notes



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Published: Friday, 17 October 2025

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Overview

SABLE® is a scalable geoscientific database management system that delivers a Standardised Approach to Borehole Logging for Exploration and Evaluation, trusted by geologists, strata control officers and samplers for over 40 years to ensure data integrity by enforcing data standards. SABLE ensures data quality through adherence to international standards and best practices. This is achieved through its core functionality and a variety of customisable additional services, which ensure compliance with international mineral codes (for example, SAMREC, NI 43-101, JORC) and ICT compliance frameworks, such as segregation of duties (SoD) and the Sarbanes-Oxley Act (SOX). The customisation in SABLE allows for the implementation of your standard operating procedures (SOPs) through governance, without compromising the integrity of the geoscientific data. With SABLE, you can be confident in the accuracy and reliability of your geoscientific data through its trusted quality management (QM), quality assurance (QA) and quality control (QC) data governance principles.

Further Information

This document includes release notes for SABLE 7.4.

Release notes for other versions of SABLE® are available via the Support Portal <https://www.dataminesoftware.com/support/>.

SABLE 7.4 Release Notes (October 2025)

CRM Performance Over Time

A new feature enables users to track the performance of Certified Reference Material (CRM) over time. The system now reports key statistical metrics, allowing users to observe trends and assess CRM stability and reliability across multiple sample batches and time intervals.

Colour-coded Evaluation

A new colour-coded evaluation feature enables quick and informed decision-making. Users can configure limits per analyte and unit of measure (UoM) to identify outliers for analytical methods in the Data Explorer grid. This functionality can be applied to any numeric field.

Spatial QM Service

The Spatial QM Service is a visualization and validation platform that provides powerful tools for plotting and evaluating geoscientific data in both 2D and 3D. It improves project understanding, assists with planning, and adds value to management reports.

ETL Mapper

A new ETL Mapper tool is available in the LIMS menu. It allows users to define and configure XML or CSV templates and mappings for importing data from external sources, such as laboratories and survey departments.

QA/QC Status Write-back

To strengthen quality-assurance processes, the system includes automated QA/QC status updates within the ETL Clearing tables. Based on results from the

Statistical Analysis Tool (SAT/QC), sample batches are flagged with a WARNING validation when outliers are identified. This enhancement improves both control and visibility over the validation and reliability of laboratory results.

SABLE View (Strip Log) in the ETL Section

This enhancement allows users to visualize and validate batch sampling data by exposing ETL clearing tables directly within the SABLE strip-log interface. It provides a visual quality-assurance step, ensuring alignment between logged geology and assay data before a batch is accepted.

Auto Sign-off Reports

The Audit QM report tool has been enhanced with a system-authorised data sign-off feature, based on defined quality-assurance rules. This allows users to perform data-completeness checks before exposing data to third-party applications.

Depth Alignment Tool

A new Depth Alignment Tool enables geologists to use the adjustment factor to align geophysics Depth From and Depth To values with lithology Depth From and Depth To values. This assists in accurately locating and allocating core losses and/or gains.

Defect Fix

- During the import of tables and validations between SABLE project definitions (SPDs), the system now prevents duplicate lookups and validations being saved to the updated SPD.

Datamine enables efficient and sustainable mining through the application of world-leading technology and services.

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