



Reconcilor

Release Notes Reconcilor v9.1





© Snowden Pty. Ltd. All rights reserved.

Table of Contents

What's New for Reconcilor 9.12
NEW FEATURES. 2 Block Module 2 Role assignments through Windows Active Directory (AD) groups including auto-user creation 4 Schedule import jobs with parameters 4 Allow clients to call specific Reconcilor API's externally 5
ENHANCEMENTS
More Information7
RESOLVED TICKETS – Reconcilor v9.1
New feature
Enhancements
Resolved Bugs





WHAT'S NEW FOR RECONCILOR 9.1

Reconcilor embeds and integrates the knowledge from our mining engineers, geologists, metallurgists and planners and when it is used to standardise operations across multiple sites, it enables sophisticated analysis and guidance to trouble-shoot and optimise multiple sites.

Snowden's Reconcilor has been developed to deliver this as a COTS (Commercial Off-the-Shelf) offering, with the added potential to enhance or supersede the existing functionality present in earlier versions of the product. Reconcilor assists key stakeholders on site and at head office to quickly see how operations are performing, get early notification of any issues and take action to resolve them.

This is a **major version** update for Reconcilor. It presents a brand-new "Grade Block" module, (naming to be determined by individual Site Administrators) which allows users to compare design, haulage and survey of a distinct grade block both graphically and with underlying material movements. Another major feature of this release is the ability for users to be automatically created and assigned roles using AD groups.

Performance enhancements have been implemented across the analysis and management modules. Snowden is committed to improving performance where required on every Reconcilor release.

NEW FEATURES

Block Module

The blocks module provides users the ability to compare model estimates for each grade block, against survey and haulage movements.

The name of the screens that are listed under the blocks module can be configured in System Settings>Implementation Detail.

An example of custom naming (free text) is shown below:

Implementation Detail

B Save ⊗ Cancel	
Grade Block Module Main Menu Display Name	Grade Block Main
Grade Block Module Sub Menu Display Name	GB Sub

The Blocks Module will display directly below the Stockpiles Module on the main menu list.

The Blocks Module can have system changes to it through System Settings / Application Settings / Grade block Settings.

The Blocks list gives an overview of all grade blocks loaded into Reconcilor.

It is a requirement that the filtered along the top of the screen are used to return the grade block of interest. The following filters are available:





Location All		Current State Mining C	ommenced * Period Mar 2019	* Block Name Filt	er by block name	Custom	▼ Select filter values ▼
i Grade Block Name	Material Type	Lithology Type	Mining Commenced	Design Tonnes	Hauled Tonnes	Hauled Volume	Remaining Tonnes (Combined)
SW1_G_515_5_2	High Grade	Primary	23 Mar 2019	210	10,371	3,704	
SW1.G.515.4.1000	ROM	Primary	23 Mar 2019	210	14,888	5,317	
SW1_G_515_4_1002	ROM	Primary	27 Mar 2019	230	14,561	5,200	
SW1_G_515_1_1000	Waste	Primary	26 Mar 2019	419	21,438	7,658	
SW1_G_515_1_6	Waste	Primary	28 Mar 2019	210	357	128	
SW1_G_515_4_1001	ROM	Primary	24 Mar 2019	210	9,060	3,236	
SW1_G_515_5_1000	High Grade	Primary	23 Mar 2019	210	8,977	3,206	
SW1_G_515_5_1001	High Grade	Primary	25 Mar 2019	210	15,674	5,598	
SW1_G_515_1_4	Waste	Primary	24 Mar 2019	210	6,939	2,478	
SW1_G_515_3_2	Low Grade	Primary	24 Mar 2019	210	1,261	450	
	High Grade	Primary	26 Mar 2019	210	3,715	1,327	
SW1_G_515_5_5							

Figure 1 Block list returned using Current state, period and partial block name

rade Block List - Default	Edited							
Location All	Current State Mining	Commenced * Period Mar 2019	* Block Name SW1_G_515	Custom Select	▼ Select fi	ter values 💌		
			511(20,515					
Crade Block Name	Material Type	Lithology Type	Mining Commenced	Design Tonnes	Hauled Tonnes	Hauled Vol	wms Remaining Tonne	(Haulage)
SW1_G_515_5_2	High Grade	Primary	23 Mar 2019		210	10,371	3,704	-10,161.3
SW1_G_515_4_1000	ROM	Primary	23 Mar 2019		210	14,888	5,317	-14,678.4
SW1_G_515_4_1002	ROM	Primary	27 Mar 2019		210	14,561	5,200	-14,351.4
SW1_C_5I5_1_1000	Waste	Primary	26 Mar 2019		419	21,438	7,658	-21,018.3
SW1_G_935_1_6	Waste	Primary	28 Mar 2019		210	357	128	-1477.3
SW1_G_515_4_1001	ROM	Primary	24 Mar 2019		210	9,060	3,236	-8,849.
SW1_G_515_5_1000	High Grade	Primary	23 Mar 2019		210	8,977	3,206	-8,766.1
SW1_G_515_5_1001	High Grade	Primary	25 Mar 2019		210	15,674	5,598	-15,464.3
SW1_G_\$15_1_4	Waste	Primary	24 Mar 2019		210	6,939	2,478	-6,728.4
SW1_G_515_3_2	Low Grade	Primary	24 Mar 2019		210	1,261	450	-1,051.
SW1_G_\$15_5_5	High Grade	Primary	26 Mar 2019		210	3,715	1,327	-3,505
SW1_G_515_4_1	ROM	Primary	26 Mar 2019		210	751	261	-521.
SW1_G_515_5_3	High Grade	Primary	26 Mar 2019		210	19,275	6,084	-19,064.1
SW1_G_515_2_1000	Minerialised Waste	Primary	27 Mar 2019		210	6,257	2,235	-6,047.4
SW1_G_\$15_1_1	Waste	Primary	24 Mar 2019		210	926	331	-715.4
SW1_G_515_4_3	ROM	Primary	28 Mar 2019		210	2,260	807	-2,0494
SW1_G_515_5_4	High Grade	Primary	27 Mar 2019		210	17,063	6,094	-16,852.1
SW1_G_515_4_2	ROM	Primary	27 Mar 2019		210	2.285	816	-2.0743

Figure 2 Block list showing block name and remaining tonnes column

The View Block screen will provide a complete overview of the attributes for one block, the model comparison data for that one block and the mining activity undertaken on that block. It is easy to identify if a block has been under or over depleted on the Mining Activity chart and table.

The Models listed in the Model Comparison table will include all available model types in Reconcilor. The total % of block for each model will always equal 100% but may be grouped by material type or lithology type.

The Mining Activity section (chart and tables), allows a user to define if the haulage grouping is none (haulage will be displayed for each destination per day), end of month (one haulage total per calendar month) or survey period (one haulage total per survey month).

By viewing the haulage tonnes alongside survey tonnes, it is easy to see if a block has been over depleted or has tonnes remaining on it.

Navigating to the view block screen (Figure 3) can be directly from the Blocks Module or the Blocks List screen. When navigating from the Blocks list screen, the user will have a block automatically loaded into the View Block screen based on the selected block in View Block.

The online guidance has been updated for this module.









Role assignments through Windows Active Directory (AD) groups including auto-user creation

Site System Administrators can assign Reconcilor roles to Windows AD groups so that user role assignments can be managed externally.

The Windows AD groups will only be available if they have been configured through an API call by Snowden Consultants (Figure 4).

-	Reconcilor 9.1.0.0			
		Edit Role - Administra	tor	
්ධි	Home	🖻 Clone 🗟 Save 🍵 Dele	ete 🛞 Cancel	
<u>k</u>	Data Analysis	Role*	Administrator	
Â	Stockpiles	Description Windows Active Directory Groups	System Administrator	0
Ŷ	Grade Block		snowden\Reconcilor	
88	Dashboards	Security Option		
	Reconcilor Tasks	ANALYSIS		



Schedule import jobs with parameters

For any site with multiple source pit / underground locations, there is now the option to schedule an import based on a location. The start date, end date and look back days can also now be defined in the Import Definition Schedule screen.





Schedule
🖄 Edit 🛛 🐻 Save 🛞 Cancel
Day: Mon Tue Wed Thu Fri Sat Sun at 353 pm (Australia/Perth)
○ Every: 0 🖕 hours, starting at 3:53 pm 🕑 (Australia/Perth)
Every: 0 ♣ minutes within each hour, starting at 3.00 pm ④ (Australia/Perth)
Import Definition: Haulage Import into Reconcilor
Import Parameters
Define the parameters for this job to be used when querying the source
MineSiteCode*
StartDate*
EndDate*
LookBackDays*



Allow clients to call specific Reconcilor API's externally

Clients wishing to trigger and monitor imports without the need to access Reconcilor is now available. This will be triggered from a middleware/Integration platform and as such won't be using a username/password

The following actions are permitted:





ENHANCEMENTS

Continuum now has material type filter

The Continuum has an added filter – material type! This is a multi-select filter and will ensure the ore and waste designations are returning the expected data for your configuration.





Continuum - Default	Edited	Save								
Period Feb 2021	 Location 	All	Ŧ	Designation	Ore and Waste	Ŧ	Measure Type	Raw	Material Type	Select some items 🔻

Figure 7 Continuum with material type filter

Material movements crusher to plant diagram dataset filters

A filter has been added to the dataset filters for Stockpiles and Control Points to enable users to specify material movements to or from a selected one of more stockpiles or control points for each metric (Figure 8).

Configure	×
🕐 Apply 🛛 📎 Apply & Close	
Crusher to Plant Product	
Measures	
Select some items	-
Display % difference to first dataset	
Add Dataset	
*	^ ¥ 💼
Measure Type Display L	abel
Raw 💌 Raw	
Affected Movements	
All	× 🔻
Filters	
Select Filter	<u>^</u>
Crushers	^
Destination Stockpile	
Plants	
Source Mining Complex	
Source Stockpile	
Weightometer	•

Figure 8 New dataset filters on material movements crusher to plant diagram; destination stockpile, source stockpile and weightometer (control point)

Import configuration rules

Snowden consultants now have the option to modify or "turn off" redundant import health validations. This provides an improved user experience with all import validations being relevant and requiring action. Let us know if there are any validations that are redundant for your site and we will do some configuration around the import health.





MORE INFORMATION

The following general resources are available to help you use your product:

- **Integrated Online Guidance**: your product online guidance (information icon in top right of the User Interface Shell) is your first stop for assistance and contains a wealth of information, including the latest information about this version.
- **Online video tutorials**: check out our YouTube channel for video tutorials for step-by-step guides to some of our more complex features.

https://youtube.com/Reconcilor

• **Support Portal**: The Datamine Support Portal allows you to get in touch with our global support teams for direct assistance with any software related issues.

https://datamine.freshdesk.com/en/support/login

The support portal also hosts the:

- Reconcilor FAQ's https://datamine.freshdesk.com/en/support/solutions/Reconcilor/FAQ
- Reconcilor Basic Troubleshooting
 <u>https://datamine.freshdesk.com/en/support/solutions/Reconcilor/BasicTroubleshooting</u>
- **Latest version**: The latest 9.1 release version can be upgraded by contacting your Snowden Reconcilor consultant.





RESOLVED TICKETS – RECONCILOR V9.1



An enhancement to an existing function or feature

A resolved bug

The following tickets have been resolved since the last released version of Reconcilor:

For more information on individual cases, please refer to your online guidance, or contact your local support representative.

New feature

ID	Туре	Description
SM-1953		Role assignment through AD groups
SM-1956		Schedule import jobs with parameters
SM-1965		Auto-user creation
SM-1966		Import parameter date entry
SM-1967		Import parameter list selection
SM-1970		Grade block screen - configure model comparisons
SM-1971		Grade block screen - model comparisons
SM-2322		Online Guidance - Updated for 9.1 Grade block
SM-2456		Allow clients to call specific Reconcilor API's externally

Enhancements

ID	Туре	Description
SM-1710		Continuum - add material type filter
SM-1830		Enhancement: Material Movements crusher to plant





SM-1928INMStockpile Adjustment Add/Edit - Stockpile SelectionSM-1952INMImport parameter default valuesSM-1954INMImport parameter number entrySM-1964INMGrade block screen - mining activitySM-1964INMSpatial analysis - improvements (to be released in v9.1.1)SM-1964INMSpatial analysis - improvements (to be released in v9.1.1)SM-1978INMCustom import validation rulesSM-1978INMImport into other database schemaSM-1978INMImport into other database schemaSM-2000INMImport schlow custom processing of import parameters prior to import run (support look-back parameter)SM-2173INMImmort schlow custom processing of import parameters prior to import run (support look-back parameter)SM-2268INMSockpile Analysis - Stockpile filter must dynamically load stockpiles to remain responsiveSM-2281INMImports: Increase size of staging schema columns for source and destination names to S0SM-2282INMImports: Increase size of staging schema columns for source and destination names to S0SM-2283INMImports: Increase size of staging schema columns for source and destination names to S0SM-2284INMImports: Increase size of staging schema columns for source and destination names to S0SM-2284INMImports: Increase size of staging schema columns for source and destination names to S0SM-2285INMImports: Increase size of staging schema columns for source and destination names to S0SM-2384INM	SM-1863	Mining Analysis measure type filter
SM-1954Import parameter number entrySM-1954Import parameter number entrySM-1962Import parameter number entrySM-1964Import parameter number entrySM-1964Import spatial analysis – improvements (to be released in v9.1.1)SM-1964Import spatial analysis – improvements (to be released in v9.1.1)SM-1964Import spatial analysis – improvements (to be released in v9.1.1)SM-1974Import spatial analysis – import validation supportSM-1974Import into other database schemaSM-2000Import s - Allow custom processing of import parameters prior to import run (support look-back parameter)SM-2173Import s - Allow custom processing of import parameters prior to import run (support look-back parameter)SM-2174Import s - Allow custom processing of import parameters prior to import run (support look-back parameter)SM-2268Import s - Allow custom processing of import parameters prior to import run (support look-back parameter)SM-2268Import s - Allow custom processing of import parameters prior to import run (support look-back parameter)SM-2268Import s - Allow custom processing of suging schema columns for source and destination names to 50SM-2268Import s - Custore Feed & Mining Analysis - Stockpile group filter requiredSM-2302Import s - Custore Feed & Mining Analysis - Stockpile group filter requiredSM-2336Import s - Quine Guidance - 9.1 Data HealthSM-2540Import s - Quine Guidance - 9.1 Phyto View	SM-1928	Stockpile Adjustment Add/Edit - Stockpile Selection
SM-1962Import parameter number entrySM-1962Import parameter number entrySM-1964Import spatial analysis – improvements (to be released in v9.1.1)SM-1968Import spatial analysis – improvements (to be released in v9.1.1)SM-1968Import spatial analysis – improvements (to be released in v9.1.1)SM-1968Import spatial analysis – improvements (to be released in v9.1.1)SM-1978Import spatial analysis – import validation supportSM-1978Import into other database schemaSM-2000Import into other database schemaSM-2010Import analysis - mine plan sortingSM-2173Imports - Allow custom processing of import parameters prior to import run (support look-back parameter)SM-2174Imports - Stockpile Analysis - Stockpile filter must dynamically load stockpiles to remain responsiveSM-2268Imports : Increase size of staging schema columns for source and destination names to 50SM-2285Imports : Increase size of staging schema columns for source and destination names to 50SM-2285Imports : Increase size of staging schema columns for source and destination names to 50SM-2285Imports : Increase size of staging schema columns for source and destination names to 50SM-2285Imports : Increase size of staging schema columns for source and destination names to 50SM-2396Imports : Increase size of staging schema columns for source and destination names to 50SM-2396Imports : Increase size of staging schema columns for source and destination names to 50SM-2396Import : Increase size of staging schema columns for source and destination s	SM-1952	Import parameter default values
SM-1964Spatial analysis – improvements (to be released in v9.1.1)SM-1968Import analysis – improvements (to be released in v9.1.1)SM-1968Import analysis – improvements (to be released in v9.1.1)SM-1974Import analysis – import validation supportSM-1974Import into other database schemaSM-1978Import into other database schemaSM-2000Import into other database schemaSM-2001Import - Allow custom processing of import parameters prior to import run (support look-back parameter)SM-2173Imports - Allow custom processing of import parameters prior to import run (support look-back parameter)SM-2268Imports - Allow custom processing of import parameters prior to import run (support look-back parameter)SM-2282Imports - Allow custom processing of staging schema columns for source and destination names to 50SM-2282Imports - Increase size of staging schema columns for source and destination names to 50SM-2285Imports - Increase size of staging schema columns for source and destination names to 50SM-2302Imports - Increase size of staging schema columns for source and destination names to 50SM-236Imports - Increase size of staging schema columns for source and destination names to 50SM-238Imports - Increase size of staging schema columns for source and destination names to 50SM-2302Imports - Increase size of staging schema columns for source and destination names to 50SM-2303Imports - Increase size of staging schema columns for source and destination names to 50SM-2304Imports - Imports - Allow custom recearchable stockpile group fil	SM-1954	Import parameter number entry
SM-1968Import space intiplote intents (code released intros.1.1)SM-1968Import alidation rulesSM-1974Import alidation supportSM-1978Import into other database schemaSM-2000Import into other database schemaSM-2000Import alidation supportSM-2173Import alidation cutsom processing of import parameters prior to import run (support look-back parameter)SM-2174Import alidation support schema columns for source and destination names to 50SM-2268Imports : Allow cutsom processing schema columns for source and destination names to 50SM-2282Imports : Increase size of staging schema columns for source and destination names to 50SM-2302Imports : Increase size of staging schema columns for source and destination names to 50SM-236Import : Increase size of staging schema columns for source and destination names to 50SM-236Import : Increase size of staging schema columns for source and destination names to 50SM-2302Import : Increase size of staging schema columns for source and destination names to 50SM-236Import : Increase size of staging schema columns for source and destination names to 50SM-236Import : Increase size of staging schema columns for source and destination names to 50SM-236Import : Increase size of staging schema columns for source and destination names to 50SM-236Import : Increase size of staging schema columns for source and destination mames to 50SM-238Import : Increase size of staging schema columns for source and destination schemaSM-239Import : Increase size of staging schema c	SM-1962	Grade block screen - mining activity
SM-1974Custom import validation supportSM-1974Import into other database schemaSM-1978Import into other database schemaSM-2000Import into other database schemaSM-2001Import into other database schemaSM-2173Import into other database schemaSM-2173Import into other database of comparison values should use Bulk operationsSM-2174Import into other database of comparison Values should use Bulk operationsSM-2268Import into other scheme of staging scheme columns for source and destination names to 50SM-2282Imports: Increase size of staging scheme columns for source and destination names to 50SM-2282Import into scheme of staging scheme columns for source and destination names to 50SM-2283Import inter seed & Mining Analysis - Stockpile group filter requiredSM-2392Import inter seed & Mining Analysis - Stockpile group filter requiredSM-2384Import inter support searchable stockpile group filter requiredSM-2384Import inter support ison - x-axis orderingSM-2384Import inter support ison - x-axis orderingSM-2384Import inter Guidance - 9.1 Data HealthSM-2394Import inter Guidance - 9.1 Pixet ViewSM-2395Import inter Guidance - 9.1 Pixet View	SM-1964	Spatial analysis – improvements (to be released in v9.1.1)
Custom inport variation supportSM-1978Import into other database schemaSM-2000Import into other database schemaSM-2000Import analysis - mine plan sortingSM-2173Imports - Allow custom processing of import parameters prior to import run (support look-back parameter)SM-2174Imports - Allow custom processing of import parameters prior to import run (support look-back parameter)SM-2268Imports - Stockpile of Comparison Values should use Bulk operationsSM-2268Imports - Stockpile filter must dynamically load stockpiles to remain responsiveSM-2282Imports - Increase size of staging schema columns for source and destination names to 50SM-2285Import - Stockpile Analysis - Stockpile group filter requiredSM-2302Import - Stockpile Analysis - Stockpile group filter requiredSM-236Import - Stockpile Comparison - x-axis orderingSM-238Import - Stockpile Comparison - x-axis orderingSM-2540Import - Stockpile Grubance - 9.1 Pivot ViewSM-2540Import - Stockpile Grubance - 9.1 Pivot View	SM-1968	Configure import validation rules
SM-2000Import into other database schemaSM-2000Import analysis - mine plan sortingSM-2173Imports - Allow custom processing of import parameters prior to import run (support look-back parameter)SM-2174Imports - Allow custom processing of import parameters prior to import run (support look-back parameter)SM-2174Imports - Allow custom processing of import parameters prior to import run (support look-back parameter)SM-2174Imports - Storage of Comparison Values should use Bulk operationsSM-2268Imports - Stockpile filter must dynamically load stockpiles to remain responsiveSM-2282Imports: Increase size of staging schema columns for source and destination names to 50SM-2285Imports - Material Movements - support searchable stockpile filtersSM-2302Imports - Feed & Mining Analysis - Stockpile group filter requiredSM-2356Import - Trends & Model Comparison - x-axis orderingSM-2538Import - Sun Guidance - 9.1 Data HealthSM-2540Import - Sun Guidance - 9.1 Pivot View	SM-1974	Custom import validation support
SM-2173Imports - Allow custom processing of import parameters prior to import run (support look-back parameter)SM-2174ImoSM-2174ImoReconcilor - storage of Comparison Values should use Bulk operationsSM-2268ImoSM-2268ImoSM-2282ImoSM-2282ImoImports: Increase size of staging schema columns for source and destination names to 50SM-2285ImoSM-2302ImoSM-2302ImoSM-2356ImoSM-2538ImoSM-2538ImoSM-2540Imo <tr< td=""><td>SM-1978</td><td>Import into other database schema</td></tr<>	SM-1978	Import into other database schema
Image: SM-2174Image: Sm-2268Reconcilor - storage of Comparison Values should use Bulk operationsSM-2268Image: Stockpile Analysis - Stockpile filter must dynamically load stockpiles to remain responsiveSM-2282Image: Stockpile Analysis - Stockpile filter must dynamically load stockpiles to remain responsiveSM-2282Image: Stockpile Analysis - Stockpile filter must dynamically load stockpiles to remain responsiveSM-2282Image: Stockpile Analysis - Stockpile filter must dynamically load stockpiles to remain responsiveSM-2282Image: Stockpile Analysis - Stockpile stockpile filtersSM-2285Image: Stockpile Analysis - Stockpile group filter requiredSM-2302Image: Stockpile Stockpile group filter requiredSM-2356Image: Stockpile Guidance - 9.1 Data HealthSM-2540Image: Stockpile Guidance - 9.1 Pivot ViewSM-2540Image: Stockpile Guidance - 9.1 Pivot View	SM-2000	Trends analysis - mine plan sorting
SM-2268Image of Comparison Values should dee Buik OperationsSM-2268Image of Comparison Values and Quantically load stockpiles to remain responsiveSM-2282Image of Stockpile Analysis - Stockpile filter must dynamically load stockpiles to remain responsiveSM-2282Image of Stockpile Analysis - Stockpile filter must dynamically load stockpiles to remain responsiveSM-2285Image of Stockpile Analysis - Stockpile filtersSM-2302Image of Cusher Feed & Mining Analysis - Stockpile group filter requiredSM-2356Image of Comparison - x-axis orderingSM-2538Image of Cusher Peed & Mining Analysis - Stockpile group filter requiredSM-2540Image of Cusher Peed & Mining Analysis - Stockpile group filter required	SM-2173	
SM-2282Imports: Increase size of staging schema columns for source and destination names to 50SM-2285Imports: Increase size of staging schema columns for source and destination names to 50SM-2302Imports: Increase size of staging schema columns for source and destination names to 50SM-2302Imports: Increase size of staging schema columns for source and destination names to 50SM-2302Imports: Increase size of staging schema columns for source and destination names to 50SM-2302Imports: Increase size of staging schema columns for source and destination names to 50SM-2356Imports: Increase size of staging schema columns for source and destination names to 50SM-2538Imports: Increase size of staging schema columns for source and destination names to 50SM-2540Imports: Increase size of staging schema columns for source and destination names to 50SM-2540Imports: Increase size of staging schema columns for source and destination names to 50SM-2540Imports: Increase size of staging schema columns for source and destination names to 50SM-2540Imports: Increase size of staging schema columns for source and destination names to 50SM-2540Imports: Increase size of staging schema columns for source and destination names to 50SM-2540Imports: Increase size of staging schema columns for source and destination names to 50SM-2540Imports: Increase size of staging schema columns for source and destination names to 50SM-2550Imports: Increase size of staging schema columns for source and destination names to 50SM-2540Imports: Increase size of staging schema columns for source and schema columns	SM-2174	Reconcilor - storage of Comparison Values should use Bulk operations
SM-2285 Imports: Increase size of staging schema columns for source and destination names to so SM-2285 Imports: Increase size of staging schema columns for source and destination names to so SM-2285 Imports: Increase size of staging schema columns for source and destination names to so SM-2302 Imports: Increase size of staging schema columns for source and destination names to so SM-2302 Imports: Increase size of staging schema columns for source and destination names to so SM-2302 Imports: Increase size of staging schema columns for source and destination names to so SM-2302 Imports: Increase size of staging schema columns for source and destination names to so SM-2302 Imports: Increase size of staging schema columns for source and destination names to so SM-2302 Imports: Increase size of staging schema columns for source and destination names to so SM-2356 Imports: Increase size of staging schema columns for source and destination names for source and destinatin the source and destination names for source and des	SM-2268	Stockpile Analysis - Stockpile filter must dynamically load stockpiles to remain responsive
SM-2302 Image: Crusher Feed & Mining Analysis - Stockpile group filter required SM-2356 Image: Crusher Feed & Model Comparison - x-axis ordering SM-2538 Image: Crusher Guidance - 9.1 Data Health SM-2540 Image: Crusher Guidance - 9.1 Pivot View	SM-2282	Imports: Increase size of staging schema columns for source and destination names to 50
SM-2356 Image: SM-2538 Image: SM-2540 Online Guidance - 9.1 Data Health SM-2540 Image: SM-2540 Online Guidance - 9.1 Pivot View	SM-2285	Material Movements - support searchable stockpile filters
SM-2538 Image: SM-2540 SM-2540 Image: SM-2540	SM-2302	Crusher Feed & Mining Analysis - Stockpile group filter required
SM-2540 Image: SM-2540	SM-2356	Trends & Model Comparison - x-axis ordering
	SM-2538	Online Guidance - 9.1 Data Health
SM-2553 Online Guidance - 9.1 Data Issue and Logging Settings	SM-2540	Online Guidance - 9.1 Pivot View
	SM-2553	Online Guidance - 9.1 Data Issue and Logging Settings





Resolved Bugs

ID	Туре	Description
SM-1804		Bulk Adjustments doesn't display my previously saved adjustments
SM-1864		Mining Analysis: Compliance diagram issues
SM-1912		Stockpile Analysis > Activity chart Y-axis labels display too many decimal places for stockpile balances
SM-1913		Stockpile Analysis > Activity chart: view a stockpile data with no movements in the selected period
SM-1998		Site name not displaying
SM-2137		Block Model Activations screen issues
SM-2148		Calendar months showing up under wrong year
SM-2152		Control Points: unable to save a control point location
SM-2154		Data Overview: filter default value issues
SM-2157		Data Overview: unable to filter by location
SM-2169		Model Comparison: issues when filtering by 'Designation'
SM-2171		Pivot View: Stockpile cube will not export to excel
SM-2211		Haulage Aliases screen: improve performance when creating a haulage alias for a block
SM-2214		Continuum waterfall - difference showing at 0 on y axis for quantity attributes
SM-2255		Stockpile Analysis - closing balance for every shift mappings
SM-2267		Mining and Crusher Analysis - Shows No Data even when Actual data exists
SM-2289		Trends/Model Comparison screen: show no model survey data when including model design data.
SM-2290		Stockpile Analysis - Performance considerations + individual stockpile and table options
SM-2300		Crusher Feed & Mining Analysis - Stockpiles within multiple groups cause double-counted tonnes





Data Overview: Period selector value is empty
Management screens: there are duplicates in the location selector
System Health Notifications: Last import failed notifications are not clearing as expected
Stockpile Adjustments: stockpile list field doesn't allow selecting most of stockpiles
Stockpile Analysis: Closing Balance chart doesn't display data
Continuum - Horizontal scrollbar disappearing off the bottom of the page
Resource identifiers showing on Data Health Trends screen
Material Movements > Crusher to Plant diagram: filter by source/destination stockpile
Fix trigger on pipeline
When Adding an import job, if you switch to another job, your default params/rules are wiped
Stockpile Management - Last adjustment date
Movements: Grades assigned incorrectly in shifts when average stockpiles end in 0 tonne balance
Material Movements: unable to export planned datasets (Export All option)
Location filter - needs improvement on selected data
Import Schedules cannot be edited through the UI other than hourly or daily
Import Screens fail if modifying schedule cron expressions to 15 mins
Import Definitions/Import Revisions: 500 Server Error
Change the file name for the export-all files in the analysis screens
Pivot View: 500 Server Error when exporting data
Stockpile Management - Lithology type and Material type
Stockpile Adjustments: unable to edit adjustments
Trends - Filters





SM-2520	Material Movements: Export all issues
SM-2521	Pivot view: export issues
SM-2541	Application Settings: Export
SM-2542	Application Settings: Data Issue Settings
SM-2564	User Id required on Import Jobs
SM-2508	Trends - Filters