

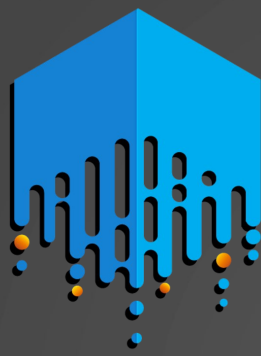


***GEO**DBMS*



2022 Product Guide

**Bespoke Mining &
Exploration Geology
Database Management
System**



GdB Solutions empower clients to Take Control and Own their Data.

Founded in 2021, GdB Solutions provide affordable IT & Data Services to the Global Mining and Resources Sector.

GdB Solutions is founded by Geologists, for Geologists, with the main objective to ensure that all Mining and Exploration Companies regardless of size or budget have access to a professional and comprehensive yet affordable Geology Database Management System to enrich their Mining and Exploration programs.

Our Clients and their Data are our number one priority. By listening and learning how our clients explore, operate and utilize their data is integral and of utmost importance in providing a Data and Customer experience like no other.

Through the forging of long term mutually beneficial relationships, GdB Solutions aim to continue to Innovate and grow alongside our valued clients, enhancing existing and developing new solutions to truly *change the data game forever*.



Introducing **Geology Database Management System, GeoDBMS by GdB Solutions.**

GeoDBMS by GdB Solutions is a professional and comprehensive Data Management system for validated data capture and efficient storage, which ensures your exploration and mining geological data is always readily available and easily accessible.

GeoDBMS is 100% customisable to company specification, ensuring you have everything you want, and need at your finger tips at all times. **GeoDBMS** integrates with GIS and 3D software via a dedicated ODBC file link ensuring **GeoDBMS** is always at the ready to put your data to work. **GeoDBMS** is packaged with a raft of Business Analytics Dashboards to provide further value in efficiently reviewing your programs and processes easier than ever before.

GeoDBMS is consistently being upgraded and further developed to ensure optimal user experience with additional new performance or functionality upgrades available as "opt in" developments, allowing you to effectively manage your Data costs to suit requirements and budgets.

GeoDBMS by GdB Solutions comprises 9 Core Components categorised into 5 main stages of the Data process, forming a Infrastructure as a Service (IaaS) end to end Geological Database Management System, featuring GeoDatabase. GeoDBMS is fully customisable to client specification and scalable to grow with you, ensuring your data is at your finger tips and always ready to work.

Intelligent Data Capture Sheets.

 **DATA CAPTURE**



CAPTURE

Validate, Prepare & Import Data.

 **DATA IMPORT**

 **DATA HUB**



IMPORT

Secure, Systematic Data Storage.

 **GEO DATABASE**
Including **DATA LAKE** Original Data Filing System



STORE

Powerful Data Querying & Export via ODBC to GIS or 3D Software.

 **GEO DATABASE ALL ACCESS**
ODBC

 **GEO DATABASE STORAGE VIEW**



QUERY

Efficient Visualisation Review & Analysis of Programs and QAQC.

 **PROGRAM ANALYTICS**

 **QAQC POWERVIEW**



ANALYSE



GeoDBMS is Designed by Geologists, for Geologists.

100% functional, developed to be a Geological Database Management System with endless customisable options and scalability to perfectly suit your company today, tomorrow and well into the future.



GeoDBMS is affordable without compromise, because you shouldn't have to settle for just ok.

Just because your budget isn't "big mining", doesn't mean you should have to settle for less, GeoDBMS by GdB Solutions provides a affordable solution to suit all budgets and operations.



GeoDBMS is your owned Data solution, not a leased one.

We believe your Data budget should go towards developing your own solution, a solution that is a true asset to your company, not temporally leased one. **GeoDBMS** ensures you always maintain full ownership of your Data, in a validated and systematic relational database, reducing risk of data proliferation, manipulation or worse, loss.



Pay for only the services you need, as you need them.

We believe you should pay for what you need, when you need it, not pay an ongoing subscription fee regardless of usage, leaving more in your budget to focus on your core business.



GeoDBMS boasts Intuitive Dashboards empower you and your team to make informed and efficient decisions on the go.

Accessing and reviewing your data shouldn't be a chore that takes up your valuable time. GdB's intuitive Program Analytics Dashboards and QAQC PowerView Dashboards allow all Team members to efficiently review important data and statistics without the need to create exports, tables or charts.



Experience the value the GdB Data Specialists can bring to your Team.

Data, its what we do. Our experienced team of Tertiary and Masters Degree educated Data Specialists, coupled with industry knowledge from experienced Geologists ensure the proper care and attention is always applied to your solution, allowing you to focus on your core business.



Audit & Data Integrity.

Centralized management reduces the risk of unapproved uploads, amendments or data removal. An effective Data Management solution needs to adhere to strict processes and policy to ensure that your Data is always Accurate to specification, Secure and Compliant.

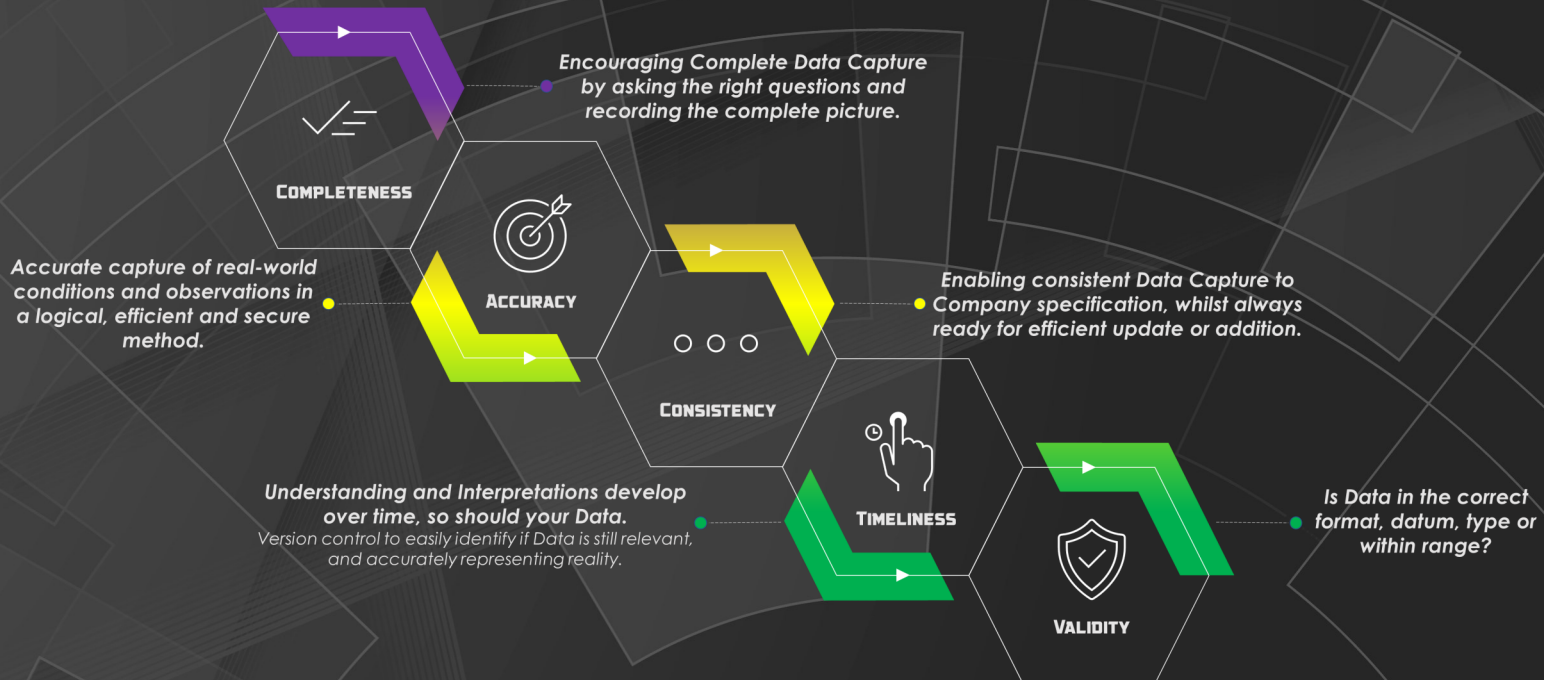


We are focused on building long term, mutually beneficial partnerships.

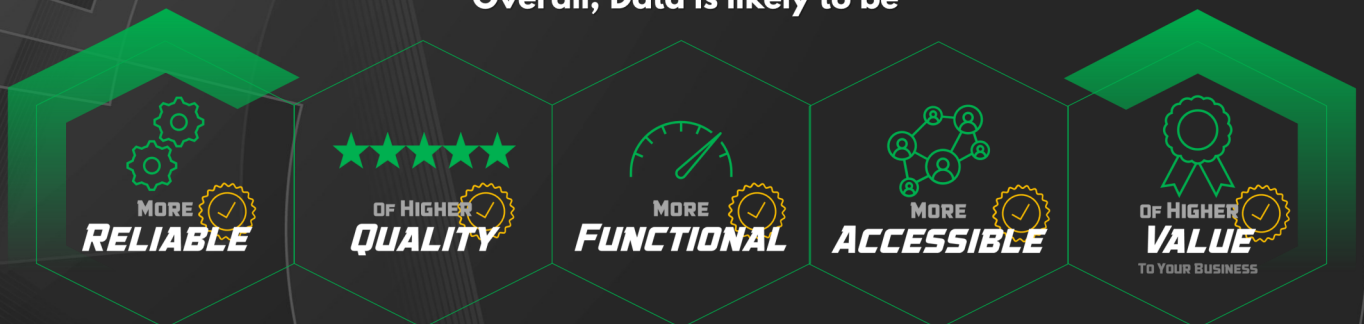
We are in this for the long haul with you. This isn't a sign and ghost partnership. We see ourselves as apart of your team for the long term, aiming to learn, grow and innovate alongside you, and your projects.



When Data Processes are developed around



Overall, Data is likely to be



Do your Data Processes enable you to make the most of your data?

Ours Do.



Quality data lives here. Discover the GdB Difference.



Intuitive DataCapture Sheets ensuring accurate, validated data is captured to Company Specification, every time.

Efficiently capture accurate data to Company specification, with validated Code drop downs, Program specific integrity rules throughout and more, catering to all user knowledge levels with Data Code switch functionality.

How to best use these **GdB DataTemplates**, to capture **complete, accurate Data, everytime!**

I want to use...
Codes Only

I want to use...
Codes Only

Full Descriptions

Code Library

HoleID	SampleID	Line Number	mfrom	mto	Interval	Sample Type	Sample Method	Sample Category	Sample Condition	Sample Recovery	Sample Weight
H1	S1		0	1	1	AUGER	SCOOP	ORIG	DRY	GOOD	2.66
H1	S2		1	2	1						

DATA CAPTURE

Efficiently Capture.



Smart Switch between Logging Codes and Full Descriptions in Drop Down Menus suitable for all user knowledge levels.



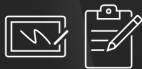
Linked CodeLibrary for real time updates to LookUp codes*



Inbuilt Data Validation to Company Specification ensuring complete and accurate Data capture.



Express new CodeLibrary submission straight from the Template to email with the click of a button.



Digital and Printable layouts available.



Intelligent DataImport Sheets to validate and prepare Data for Import into GeoDatabase.

Code Data is converted to Primary key ensuring data integrity as well as optimum storage format, all effortlessly prepared with DataImport sheets.

Project	Prospect	Tenement	HoleID	Alternate Hole ID	Grid	MGA Zone	Easting	Northing	RL	Collar Survey Method	Date Started	Date Completed	Hole Type	EOH Depth	EOH Reason	BOCO	TOFR	Water Table	Hole Plugge
AAA	AAA	AAA	111		GDA94	50	123456	1234567	50	COLLAR	1/12/2021	2/12/2021	DD	50	COMP	20	25	N/A	Yes
AAA	BBB	AAA	222		GDA94	50	123457	1234578	50	COLLAR	1/12/2021	2/12/2021	DD	75	COMP	45	50	N/A	Yes
AAA	CCC	AAA	333		GDA94	50	123458	1234589	50	COLLAR	1/12/2021	2/12/2021	DD	100	COMP	70	75	N/A	Yes

GEODBMS
DATAIMPORT



Quality Data is consistent, validated and in most cases an expected value. **GeoDBMS DataImport Sheets** run a series of checks and validations where possible data before import to GeoDatabase ensuring your data logic tests:

1010
1010

DataImport Sheets convert data to Primary key, for efficient storage whilst optimizing performance and adding a additional layer of security for peace of mind.

Secure Data Management and Request application for efficient submission and service requests to upload new, maintain existing, update or modify your Data and GeoDBMS solution.

Job Request

- + New Data Entry
- + Legacy Data Consolidation
- + WAMEX Data Interrogation & Consolidation
- + Update Existing Data in GdBAIAccess Database
- + Create New or Modify Existing GdBAIAccess Data Views
- + Add or Update Lookup Codes in the GdBLookupLibrary
- + Technical Modification to my GdBAIAccess Database
- + Data Reformat & Update
- + Data Ready for Loading

Data Hub Dashboard

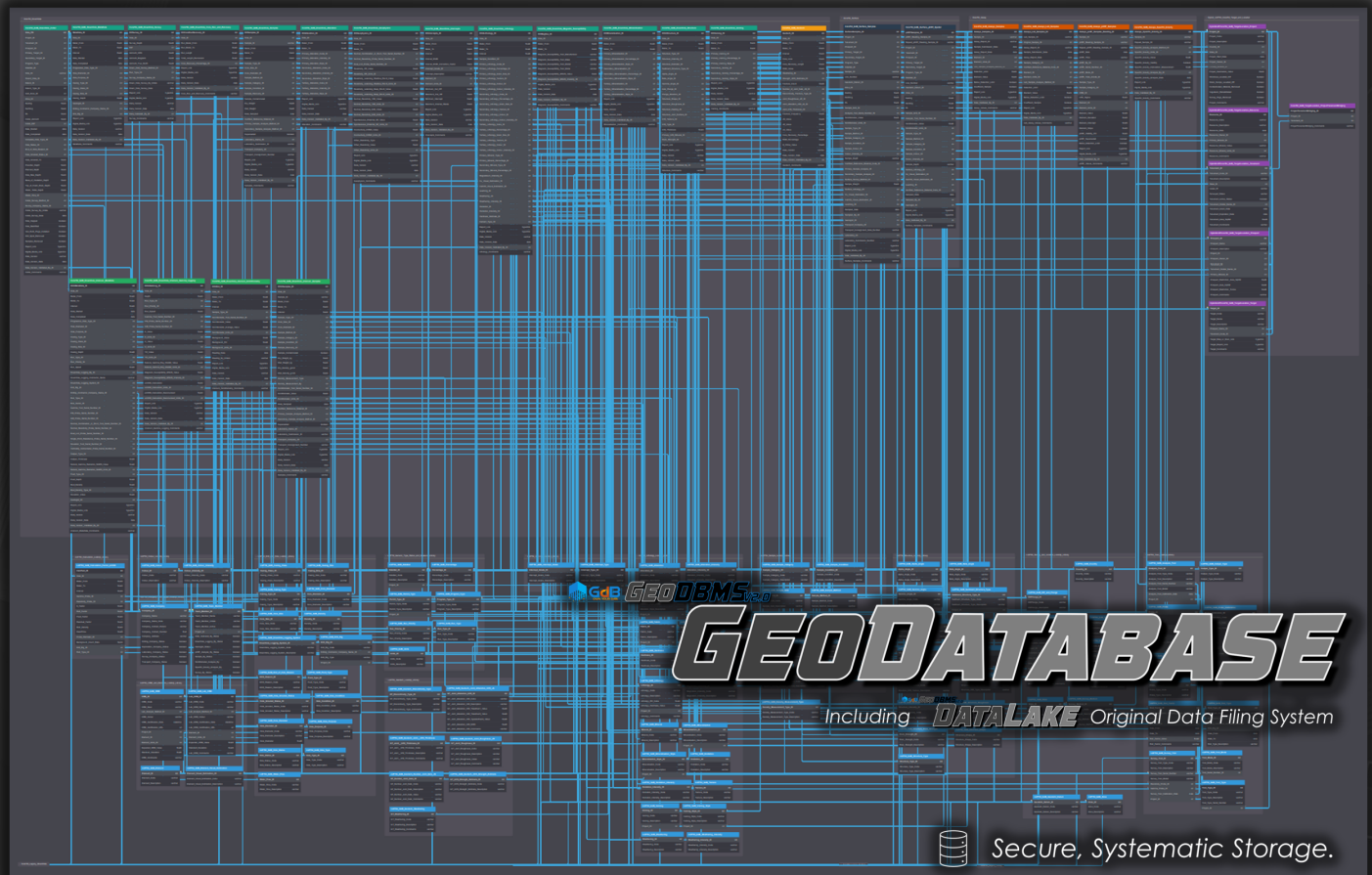
Project Name	Status	Job Request ID	Priority	Submitted	Request Type	Short Description	Requested By
WAMEX Data	Complete	GdBAI-0001	Normal	10/11/2021	Legacy Data Consolidation	WAMEX Data Consolidation	WAMEX Data
WAMEX Data	Complete	GdBAI-0002	Normal	10/11/2021	Reporting Request	Reporting Request	WAMEX Data
WAMEX Data	Complete	GdBAI-0003	Normal	10/11/2021	Reporting Request	Reporting Request	WAMEX Data
WAMEX Data	Complete	GdBAI-0004	Normal	10/11/2021	New Data Entry	New Data Entry	WAMEX Data
WAMEX Data	Complete	GdBAI-0005	Normal	10/11/2021	New Data Entry	New Data Entry	WAMEX Data
WAMEX Data	Complete	GdBAI-0006	Normal	10/11/2021	New Data Entry	New Data Entry	WAMEX Data
WAMEX Data	Complete	GdBAI-0007	Normal	10/11/2021	New Data Entry	New Data Entry	WAMEX Data
WAMEX Data	Complete	GdBAI-0008	Normal	10/11/2021	New Data Entry	New Data Entry	WAMEX Data
WAMEX Data	Complete	GdBAI-0009	Normal	10/11/2021	New Data Entry	New Data Entry	WAMEX Data
WAMEX Data	Complete	GdBAI-0010	Normal	10/11/2021	New Data Entry	New Data Entry	WAMEX Data

GdB DATAHUB
OWN YOUR DATA

For any issues or urgent enquiries please reach out to the GdB team on 1300 513 314 or email info@geodbms.com.au



Hybrid Relational Database customised to your exact specifications, optimising performance without the unnecessary costly addons or non functional features.



Invest in your business' future, by owning and developing a true asset for your Business with **unlimited use and access** for life. GeoDatabase ensures your Mining and Exploration Data always maintains the highest level of Data Integrity and Accuracy that non-relational spreadsheets or tables cannot provide. *Keep more money in the Exploration budget, not tied up in subscriptions.*



GeoDatabase is fully customisable to specification to ensure you have everything you need, and nothing you do not, all secure and systematically stored for future review, use and interpretation.



GeoDatabase is scalable to grow with your business to ensure that you are always capturing the most relevant and important data for your programs.



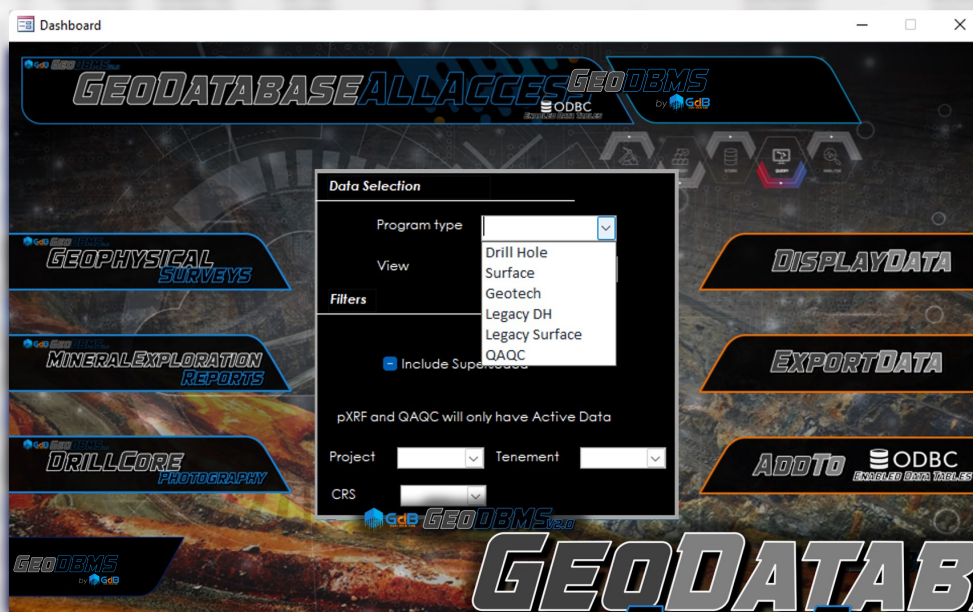
Defined and enforced cardinality relationships for accuracy, consistency and completeness of datasets.



GeoDatabase supports Data Maintenance and Version Control ensuring continual Data Integrity as Exploration and Interpretations develop over time.

Optimised SQL Coded Dashboard to Query your Data.

Includes over 50 Standard Mining and Exploration Data Views with endless customisable combinations to Query your data, exactly how you require it.



**GEO DATABASE
ALL ACCESS**
ODBC
ENABLED DATA TABLES

☐ Review & Utilise.



View Data live, save for use as a .xls, or export data direct to your ODBC file for integration to GIS and 3D Geology Software.



Global or user specific SQL Query generation to perfectly suit requirements.



Review Geophysical Surveys, Scans, images and more direct from the Dashboard to perfectly accompany Geophysical Survey SQL Queries.



Review Drill Core and Drill Chip Tray images direct from the Dashboard to accompany Sample and Lithology data for a complete view.



Launch Mineral Exploration Reports direct from the dashboard.



Multiple filter options resulting in a more efficient and accurate dataset view.

ProgramAnalytics Customisable Mining & Exploration Program Dashboards provide an accurate insight into your Drill and Surface programs with accompanying Assay Dashboard for each, for efficient review on the go, use in reporting and more.



PROGRAM ANALYTICS

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Project

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Tenement

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Prospect

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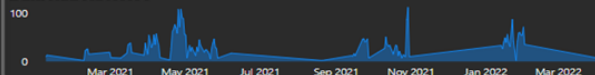
Date Range

08/01/2021
07/04/2022

PROJECT
TENEMENT
PROSPECT
DATE FROM
DATE TO

All Time

SURFACE ACTIVITY



ROCK & LATERITE

273

Total Samples

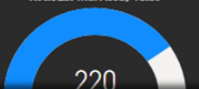
Type	Categ.	Cond.	Lith.	Total
LAT	ORIG			1
ROCK	ORIG	DRY	FPG	1
ROCK	ORIG	DRY	ID	1
ROCK	ORIG	DRY	IGN	1
ROCK	ORIG	DRY	ISCH	1
ROCK	ORIG	DRY	XSCH	1
ROCK	ORIG	NR	RGS	1
ROCK	ORIG	NR	RSF	1
ROCK	ORIG	NR	RSM	1
ROCK	ORIG	WET		1
Total				273

4.69

155.77

Average Sample Depth Average Sample RL

Rock/Lat with Assay Value



SOIL & SAPROLITE

1320

Total Samples

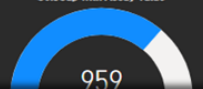
Type	Categ.	Cond.	Lith.	Total
SOIL	DUP	DAMP		1
SOIL	NA	DRY		1
SAP	ORIG	DAMP		53
SAP	ORIG	DAMP	RSC	2
SAP	ORIG	DRY		10
SAP	ORIG	WET		14
SAP	ORIG	WET	RSC	4
SOIL	ORIG			6
SOIL	ORIG	DAMP		713
SOIL	ORIG	DRY		451
Total				1320

20.21

172.14

Average Sample Depth Average Sample RL

Soil/Sap with Assay Value



CHIP & AUGER

2624

Total Samples

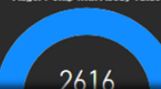
Type	Categ.	Cond.	Lith.	Total
AUGER	ORIG			8
AUGER	ORIG	DRY	FG	9
AUGER	ORIG	DRY	RCC	6
AUGER	ORIG	DRY	RLT	25
AUGER	ORIG	DRY	RSC	97
AUGER	ORIG	DRY	RSF	25
AUGER	ORIG	DRY	RSI	368
AUGER	ORIG	DRY	SSL	146
AUGER	ORIG	DRY	TUT	16
AUGER	ORIG	DRY	TOB	415
Total				2624

133.47

399.02

Average Sample Depth Average Sample RL

Auger / Chip with Assay Value



QA/QC SAMPLES

1

Total Samples

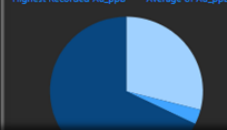
Categ.	Cond.	Total
DUP	DAMP	1
Total		1

ASSAY SNAPSHOT

7,949.00

18.30

Highest Recorded Au_ppb Average of Au_ppb



Project

Tenement

Prospect

Count of Surface Sample ...

Total Insufficient Samples

Au_ppb

Sample_ID

Sample Type

Element_Value

208.00

143.00

95.00

91.00

86.00

75.00

73.00

58.00

48.00

39.00

38.00

34.00

32.00

31.00

29.00

24.00

24.00

23.00

22.00

22.00

21.00

20.00

20.00

20.00

19.00

18.00

17.00

208.00

Max Element Value

106.52

98th Percentile Value

73.20

95th Percentile Value

31.20

90th Percentile Value

11.61

Ave Element Value

48.00

Amount B.D

208.00

143.00

95.00

91.00

86.00

75.00

73.00

58.00

48.00

39.00

38.00

34.00

32.00

31.00

29.00

24.00

24.00

23.00

22.00

22.00

21.00

20.00

20.00

20.00

19.00

18.00

17.00

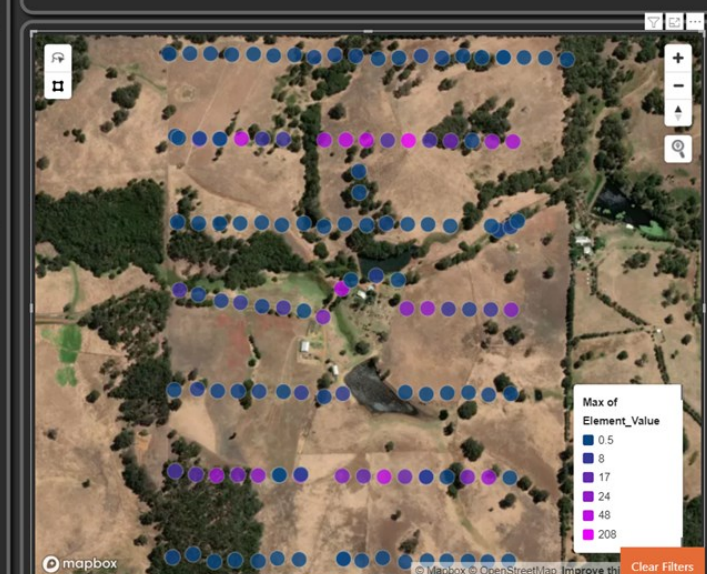
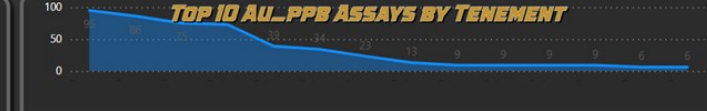
SAMPLE & ASSAY INFORMATION

139

2

Count of Surface Sample ... Total Insufficient Samples

Sample_ID	Sample Type	Element_Value
SOIL		208.00
SOIL		143.00
SOIL		95.00
SOIL		91.00
SOIL		86.00
SOIL		75.00
SOIL		73.00
SOIL		58.00
SOIL		48.00
SOIL		39.00
SOIL		38.00
SAP		34.00
SOIL		32.00
SOIL		31.00
SOIL		29.00
SOIL		24.00
SOIL		24.00
SOIL		23.00
SOIL		22.00
SOIL		22.00
SOIL		21.00
SOIL		20.00
SOIL		20.00
SOIL		20.00
SOIL		19.00
SOIL		18.00
SOIL		17.00



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Hassle free Data review readily available straight from your owned SharePoint site.



Empower your wider team with Program information including heat maps without spending hours in dedicated software.



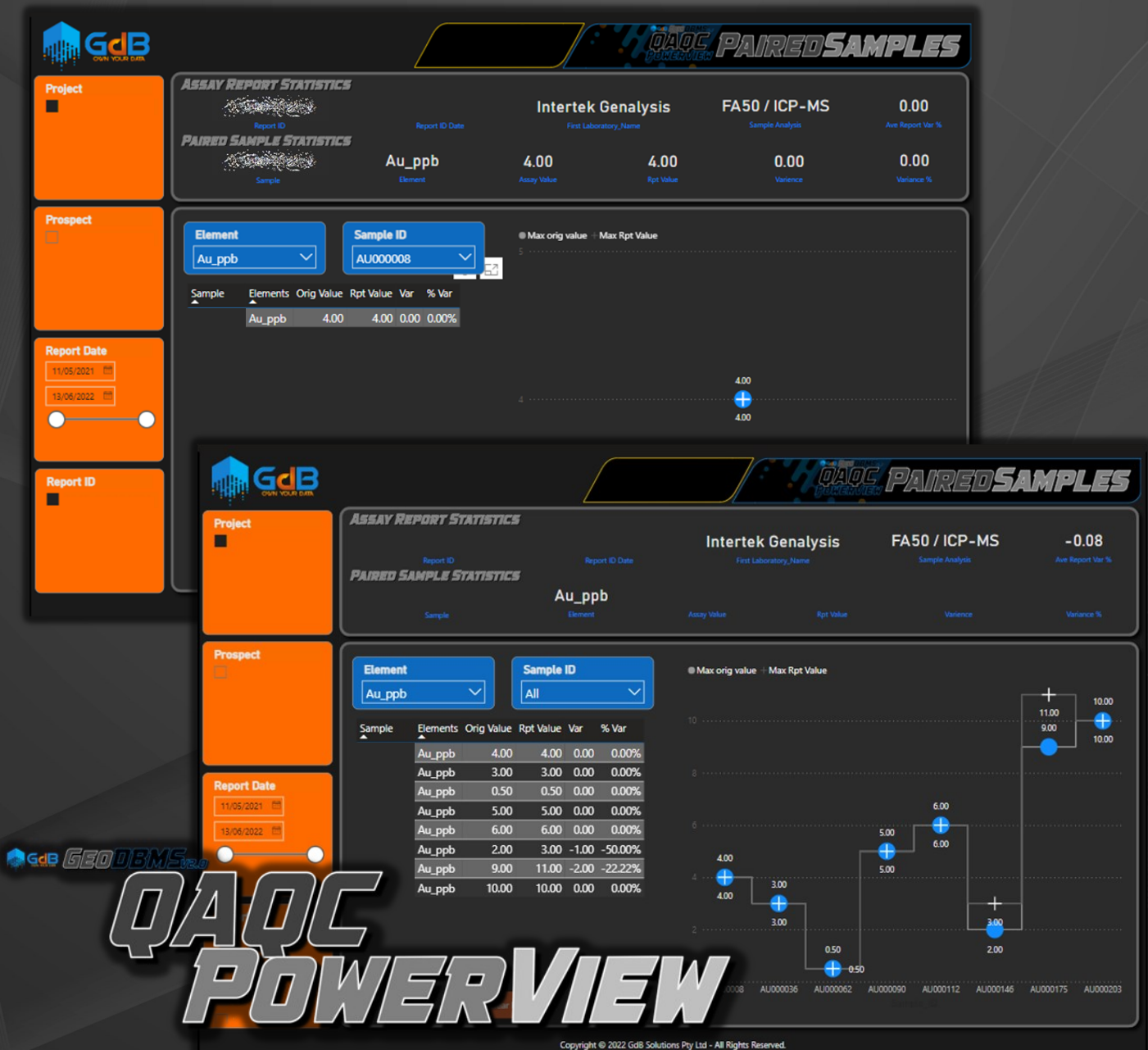
Data snapshots to provide further context to visualizations including Average Results by Tenement / m (Drilling), 98th, 95th and 90th percentile values and more.



Multiple filter options to tailor to your exact requirements.



Customisable QAQC Dashboard Visualizations covering Paired Samples, Company and Lab CRM Standards and Blanks, Sequential Drill Sample Weights and more. Detailed for stand alone review on the go, or the perfect way to hone in on areas to dive deeper into the data through GeoDatabase AllAccess.



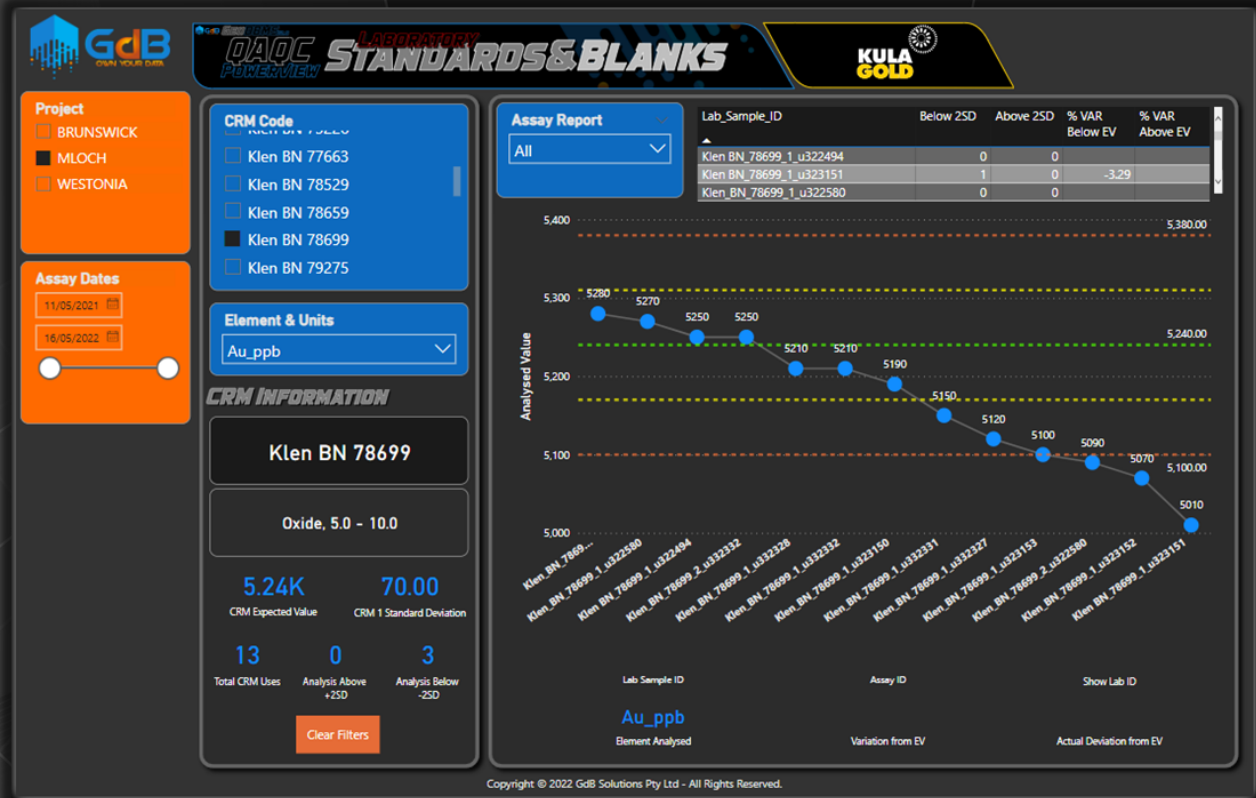
Features include:



Highly interactive with multiple levels of drill down capability.



Review all Paired Samples by Project or Prospect, Date range, Report ID, or by Individual Sample ID for varying levels of information and analysis.



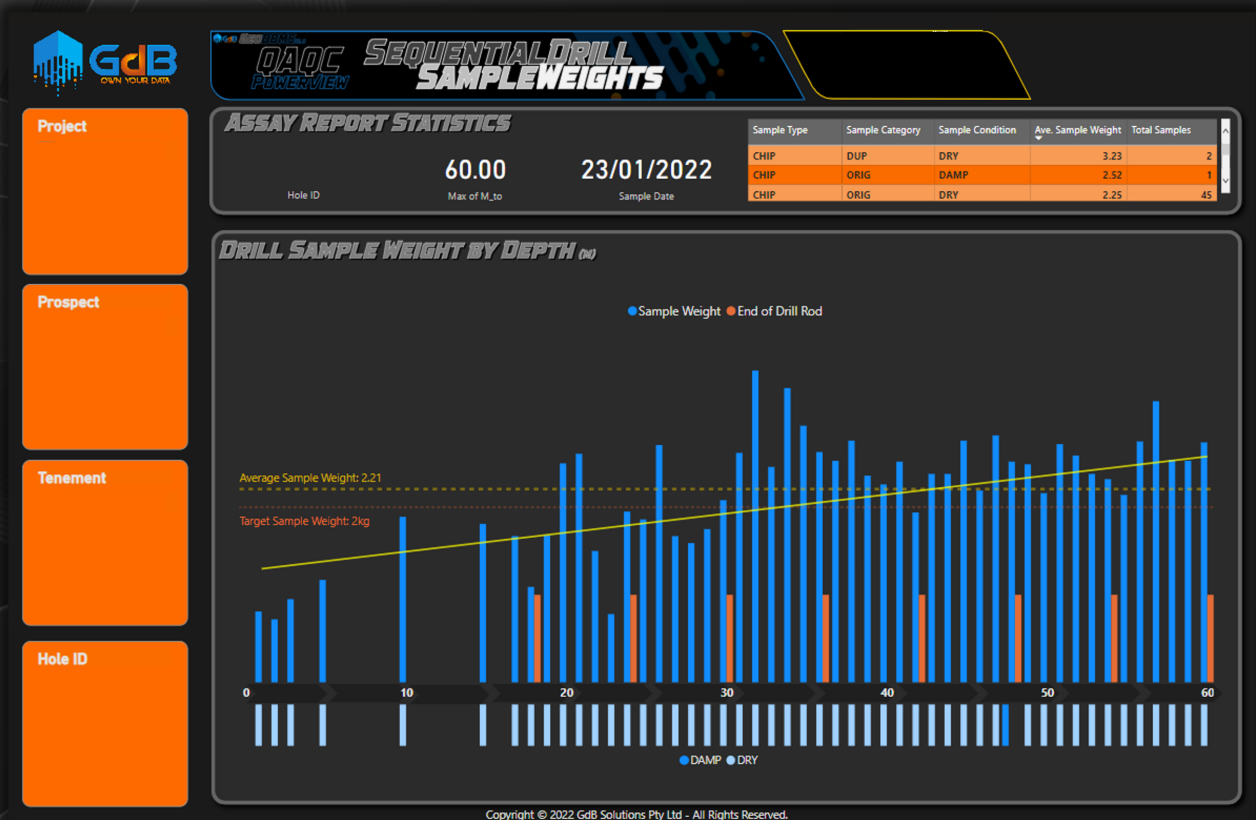
Features include:



Highly interactive with multiple levels of drill down capability to quickly assess Analysis' that fall outside of acceptable limits.



Available in Laboratory Standards and Blanks and Internal Company Standards and Blanks for complete overview of your QAQC Standards and Blanks Program.



Features include:



Efficiently review Sample Weight trends ensuring minimal sample contamination from previous intervals.

Increase your internal efficiency by outsourcing Data Management. Outsourcing reduces overheads, with Businesses often finding themselves spending more on ineffective data management staff and inefficient data management systems.

Have you considered the below?

Increase internal efficiency by outsourcing Data Management.

Outsourcing reduces overheads inhouse Hardware, Software and Service Subscriptions, Server install or rental and Maintenance and Wages to mention but a few. Businesses often find themselves spending more on ineffective data management staff and inefficient data management systems.



VALUE



EXPERTISE

Trust the Data Specialists.

It's what we do. Our experienced team of Tertiary and Masters Degree Data Specialists, coupled with industry knowledge from experienced Geologists ensure the proper care and attention is always applied to your solution.

Take back the time and focus on your Core Business.

Time taken to learn and develop Data Management skills shouldn't come at the expense of your Core Business objectives. Trust the GdB Data Specialists to manage your Data and get back to do what you do best!



TIME



AUDIT & INTEGRITY

Centralized Management improves Audit tracking and overall Data Integrity.

Centralized management reduces the risk of unapproved uploads, amendments or data removal. An effective Data Management solution needs to adhere to strict processes and policy to ensure that your Data is always Accurate to specification, Secure and Compliant.

Ongoing Maintenance is Key for maintaining Optimal Performance.

An effective and valuable Data Management Solution never takes a set and forget approach, it requires continual process improvement, system optimization and Backups to maintain overall system performance.



PERFORMANCE



INNOVATION

Access to constant Improvement and Innovation.

Changing business requirements requires a scalable solution that can grow with you. GdB's constant innovation approach to business ensures that you will always have options to stay ahead of the game.

Specialist Service & Support

GdB's Data Specialists are always available to provide ongoing Technical Support for all solutions, regardless of whether solutions are Self Managed or managed by the GdB Data Specialists.



SUPPORT

GdB Solutions believes in a simple transparent system with an affordable and excellent value for money hourly Data Administration, Reporting and Technical Services rates, chargeable in 15 minute blocks, invoiced monthly.

Data Administration Services

Engage the GdB Data Specialists to take care of the mundane data jobs, allowing you to focus on your core business.

Including but not limited to:

- >Raw Data Digitalisation;
- >Data Clean-up and update to current Company Specification;
- >Multiple Source Data Consolidation for review;
- >Digital Media preparation for import;
- >Basic Data validation for import;
- >Update or amendment of Existing Data;
- >Update or New Code Library codes;
- >Data Loading services.

Legacy Data Consolidation and Update to current Datum Services

Systematic and thorough Data collection and consolidation ready for review.

Including but not limited to:

- >Multiple Source Spreadsheet, Reports and Log Consolidation and Reformat to Company Specification;
- >Data Clean-up and update to current Company Specification;
- >Relationship to Active Program establishment and implementation;
- >Basic Data validation for import.

Data Analysis and Reporting Services

Take the stress out of routine or Adhoc reporting, allowing you to focus on your core business.

Including but not limited to:

- >To specification Routine Activity Reporting services;
- >To specification Annual Authority Body Reporting services;
- >To specification Adhoc Reporting Services.

Technical and Modification Services

Technical Services affecting the look, feel or function of your solution, post deployment.

Including but not limited to:

- >Modification of existing or addition to Core or Lookup Data Tables and Relationships;
- >Modification of existing or addition to GeoDatabase AllAccess Dashboard SQL Query development;
- >Modification or existing or addition to DataCapture, DataImport or DataSupport function.
- >Custom development of BI Dashboards and other Data related processes to improve your operations efficiency, capability, function and more.



Do you have a tricky data or technology problem you require a solution for? Ever thought "wouldn't it be nice if X did Y?"

GTi: GdB Technology & Innovation Team are ready to work with you to design and develop efficient, intelligent and user friendly solutions that are sure to be a true asset for your companies operations. Contact the GdB Data Specialists today to discuss your specific requirements.

Do you have weekly submissions from an active drill program?

Not a problem. We'll get right onto it and ensure your Dashboards are updated for review!

Is your Project headed on a 6 month hiatus waiting for approvals, permits, results or capital raising?

Not a problem. There are NO ongoing charges and the GdB Data Specialists will be waiting to pickup where you left off when the Project ramps up again.

Pay for the services you need, when you need them. Its that easy.



CORPORATE VALUES

When similar core values are held, the ensuing partnership flourishes. These are ours.



Excellence & Innovation.

We encourage greatness and push boundaries to deliver change that matters. We never settle for good; we consistently challenge our Teammates and partners to think big and be what's next.



Integrity.

We do the right thing always. We act truthfully and honorably and are never afraid of being our true selves. We do it all even when no one is watching.



Trust & Candor.

We build trust through constructive and honest communication to deliver the best outcome for all. We encourage a culture of asking questions, and not being afraid to question why we do things and the way we do them.



Enrich & Empower.

We lift up our Teammates and partners, through positivity, learning, confidence and graciousness.



One Team.

We collaborate, learn, and grow to achieve and celebrate success together.

Thank you for your interest in GeoDBMS by GdB Solutions.

We look forward to any and all opportunities to partner with your business and enrich your Geological Data journey into the future.

Team GdB

Take Control. Own your Data.



GdDB

OWN YOUR DATA

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