



EXPLORE THE TRUE POTENTIAL OF YOUR BUSINESS

geoXpedit

A completely customizable geology database



Objectives

This document is intended to provide information on key features of geology database management system – geoXpedite. At the end of this presentation you will be able to:

- Learn the benefits of geoXpedite over other conventional ways of data keeping.
- Understand key features of the system
- Review screen Shots of key process
- Review Process Flow Diagram



geoXpedite is the solution which offers:

- ❖ Simplification of the complex process of geology.
- ❖ Centralized Database
- ❖ Customized Process Flow (based on Brown Paper)
- ❖ Customized validation rules
- ❖ QA/QC Reports
- ❖ Query Builder Tool

What is geoXpedit

- ❖ geoXpedit is an INTRANET based software application which works on Client-Server architecture.
- ❖ The database can be accessed through internet browser.
- ❖ It allows you to store your data on a common server which can be accessed by multiple users simultaneously from anywhere in the world.
- ❖ Generates emails notifications for critical information

What is geoXpedit

- ❖ Real-Time data updates
- ❖ No Human error during data entry.
- ❖ Easy Import Export functions
- ❖ Validate data with customized business rules
- ❖ Significantly reduce dependency on excel, thus gives more collaborated data management.

What is geoXpeditTM

- ❖ Page level access rights can be managed by system admin
- ❖ Direct import from CSV file with proper validation rules.
- ❖ Direct integration with existing systems like LIMS Database
- ❖ Customized QA/QC Reports with Graphical charts
- ❖ Query Builder Tool – empower user to extract information from Database through unique GUI.

Features

Admin Module

The admin module gives the system administrator access to make changes to the following areas:

- ❖ User Administration
- ❖ Roles & Rights Management
- ❖ Logging Details Report
- ❖ Activity Tracker Report
- ❖ Master Tables Changes
- ❖ Many other system settings



Master Tables

- ❖ **Map Tables** : Map import csv file columns with database table columns.
- ❖ **Master Tables** : This module contain all the master tables to be further used in the data entry and import pages. This helps in data validation and improves the quality of data entry by limiting the human errors like spelling mistakes or entering unrecognized data.

Exploration Module

*Custom Made for Marigold Gold Mine,
Silver Standards*

Data Entry/Import Module

The Data Entry module enables user to do manual entry. All forms in Data Entry Module have custom validation rules based on clients requirements. The same can be done by importing Excel/CSV file and the validation rules will be checked before data is finally submitted.

- ❖ Drill Plan
- ❖ Drill Plan (RC Update)
- ❖ Collar Data
- ❖ DH Survey
- ❖ Sample Register
- ❖ Assay Data
- ❖ Chip Log
- ❖ Geo-tech
- ❖ Core Photograph
- ❖ Verify Drill-hole
- ❖ Soil Sampling
- ❖ Assay (Geo-Chem)

Export Module

❖ The Export module contains the output reports for the further uses. The exports can be customized into Excel, CSV or even SCR format which can be further used directly into other mining/geology software.

- ❖ Drill Plan (SCR Format)
- ❖ Drill Plan (Completed DH)
- ❖ Drill Plan (Planned DH)
- ❖ Drill Plan (Not Drilled)
- ❖ Sample Register (Export)
- ❖ Sampling Summary
- ❖ Current Drilling_Minesight
- ❖ Verified DH
- ❖ NR_Export
- ❖ Assay Highlights
- ❖ QA & QC
- ❖ Disturbance Report

Drill Plan

Plan Details

| | | | | | |
|---------------------|---|---------------------|---|--------------------------|--|
| Area | <input type="text" value="HO"/> | DH Type | <input type="text" value="RC"/> | Planned Date | <input type="text" value="12-05-2016"/> |
| Planned By | <input type="text" value="User2"/> | PDH NO | <input type="text" value="HO-76"/> | Planned Northing y | <input type="text" value="10000.00"/> |
| Planned Easting x | <input type="text" value="10000.00"/> | Planned Elevation | <input type="text" value="4000.00"/> | Planned Bearing | <input type="text" value="201"/> |
| Planned DIP | <input type="text" value="402"/> | Dump Thickness | <input type="text"/> | Overburden Depth | <input type="text"/> |
| Planned RC Depth | <input type="text" value="402.00"/> | Planned Core Depth | <input type="text"/> | Planned Sonic Depth | <input type="text"/> |
| Planned Final Depth | <input type="text" value="402.00"/> | Actual Sonic Depth | <input type="text"/> | Actual RC Depth | <input type="text" value="1200.00"/> |
| Actual Core Depth | <input type="text"/> | Actual Final Depth | <input type="text" value="1200.00"/> | DHID | <input type="text"/> |
| Pre-Collar | <input type="text" value="0.00"/> | Drilling Start Date | <input type="text"/> | Drilling Completion Date | <input type="text"/> |
| Contractor | <input type="text" value="Major Drilling"/> | Rig No. | <input type="text" value="--Select--"/> | Company | <input type="text" value="MMC_Goldcor"/> |
| Section | <input type="text"/> | Township | <input type="text"/> | Range | <input type="text"/> |
| Pad | <input checked="" type="radio"/> Yes <input type="radio"/> No | Sump | <input type="radio"/> Yes <input checked="" type="radio"/> No | Road | <input type="text" value="3500"/> |
| Disturbance Date | <input type="text" value="01-02-2017"/> | Comments | <input type="text"/> | Update to collar | <input type="checkbox"/> |

Collar Import with Validation

Collar Import

Collar Import

Choose File

No file chosen

Save

Cancel

[Download Template](#)

| DHID | Planned Northing | Planned Easting | Planned Elevation | Northing | Easting | Elevation | Northing (Diff) | Easting (Diff) | Elevation (Diff) |
|--------|------------------|-----------------|-------------------|----------|-----------|-----------|-----------------|----------------|------------------|
| MR5053 | 1250.00 | 12000.00 | 3600.00 | 1250.000 | 12000.000 | 3600.000 | 0.000 | 0.000 | 0.000 |
| MR5055 | 1300.00 | 15000.00 | 6500.00 | 1300.000 | 15000.000 | 6550.000 | 0.000 | 0.000 | -50.000 |
| MR5054 | -75.00 | 25000.00 | 8000.00 | 25.000 | 25000.000 | 8000.000 | -100.000 | 0.000 | 0.000 |

News Release (NR) Export

NR Export

From Date 09-25-2016 To Date 12-06-2016

Table Name Assay

Search

Export To Excel

| DHID | From | To | Interval (ft.) | AuFa (opt) | Ore Type | Note | Area | | | DHID | From (meters) | To (meters) | Interval (meters) | Gold grade (ppm) | Ore Type | Note | Area |
|--------------------|--------------------|-----------|----------------|------------|------------------------|------|------|--|--|----------|---------------|-------------|-------------------|------------------|------------------------|------|------|
| MRA6320 | 0.0000 | 225.0000 | 225.0000 | 0.0037 | Mineralised Stockpiles | | HO | | | MRA6320 | 0.0000 | 68.5800 | 68.5800 | 0.1269 | Mineralised Stockpiles | | HO |
| | 575.0000 | 585.0000 | 10.0000 | 0.0059 | Oxide | | HO | | | | 175.2600 | 178.3080 | 3.0480 | 0.2023 | Oxide | | HO |
| | 635.0000 | 690.0000 | 55.0000 | 0.0140 | Oxide | | HO | | | | 193.5480 | 210.3120 | 16.7640 | 0.4800 | Oxide | | HO |
| | including 645.0000 | 655.0000 | 10.0000 | 0.0512 | Oxide | | HO | | | | 196.5960 | 199.6440 | 3.0480 | 1.7554 | Oxide | | HO |
| | 725.0000 | 735.0000 | 10.0000 | 0.0031 | Oxide | | HO | | | | 220.9800 | 224.0280 | 3.0480 | 0.1063 | Oxide | | HO |
| MR6336 | 245.0000 | 310.0000 | 65.0000 | 0.0727 | Oxide | | VM | | | MR6336 | 74.6760 | 94.4880 | 19.8120 | 2.4926 | Oxide | | VM |
| including 250.0000 | 290.0000 | 40.0000 | 0.1139 | Oxide | | VM | | | | 76.2000 | 88.3920 | 12.1920 | 3.9051 | Oxide | | VM | |
| | 330.0000 | 560.0000 | 230.0000 | 0.0379 | Oxide | | VM | | | | 100.5840 | 170.6880 | 70.1040 | 1.2994 | Oxide | | VM |
| including 345.0000 | 365.0000 | 20.0000 | 0.0431 | Oxide | | VM | | | | 105.1560 | 111.2520 | 6.0960 | 1.4777 | Oxide | | VM | |
| including 385.0000 | 425.0000 | 40.0000 | 0.1171 | Oxide | | VM | | | | 117.3480 | 129.5400 | 12.1920 | 4.0149 | Oxide | | VM | |
| including 445.0000 | 465.0000 | 20.0000 | 0.0946 | Oxide | | VM | | | | 135.6360 | 141.7320 | 6.0960 | 3.2434 | Oxide | | VM | |
| including 480.0000 | 490.0000 | 10.0000 | 0.0333 | Oxide | | VM | | | | 146.3040 | 149.3520 | 3.0480 | 1.1417 | Oxide | | VM | |
| | 845.0000 | 860.0000 | 15.0000 | 0.0162 | Oxide | | VM | | | 257.5560 | 262.1280 | 4.5720 | 0.5554 | Oxide | | VM | |
| | 880.0000 | 910.0000 | 30.0000 | 0.0038 | Oxide | | VM | | | 268.2240 | 277.3680 | 9.1440 | 0.1303 | Oxide | | VM | |
| MR6339 | | | | | | NSV | VM | | | MR6339 | | | | | | NSV | VM |
| MRA6341 | | | | | | NSV | HO | | | MRA6341 | | | | | | NSV | HO |
| MRA6342 | | | | | | NSV | HO | | | MRA6342 | | | | | | NSV | HO |
| MR6343 | 210.0000 | 225.0000 | 15.0000 | 0.0036 | Oxide | | VM | | | MR6343 | 64.0080 | 68.5800 | 4.5720 | 0.1234 | Oxide | | VM |
| | 395.0000 | 410.0000 | 15.0000 | 0.0030 | Oxide | | VM | | | | 120.3960 | 124.9680 | 4.5720 | 0.1029 | Oxide | | VM |
| | 490.0000 | 500.0000 | 10.0000 | 0.0331 | Oxide | | VM | | | | 149.3520 | 152.4000 | 3.0480 | 1.1349 | Oxide | | VM |
| | 555.0000 | 570.0000 | 15.0000 | 0.0219 | Oxide | | VM | | | | 169.1640 | 173.7360 | 4.5720 | 0.7509 | Oxide | | VM |
| | 750.0000 | 770.0000 | 20.0000 | 0.0039 | Oxide | | VM | | | | 228.6000 | 234.6960 | 6.0960 | 0.1337 | Oxide | | VM |
| MRA6344 | 480.0000 | 490.0000 | 10.0000 | 0.0064 | Oxide | | EB | | | MRA6344 | 146.3040 | 149.3520 | 3.0480 | 0.2194 | Oxide | | EB |
| | 505.0000 | 550.0000 | 45.0000 | 0.0072 | Oxide | | EB | | | | 153.9240 | 167.6400 | 13.7160 | 0.2469 | Oxide | | EB |
| | 585.0000 | 595.0000 | 10.0000 | 0.0040 | Oxide | | EB | | | | 178.3080 | 181.3560 | 3.0480 | 0.1371 | Oxide | | EB |
| | 635.0000 | 640.0000 | 5.0000 | 0.0064 | Oxide | | EB | | | | 193.5480 | 195.0720 | 1.5240 | 0.2194 | Oxide | | EB |
| | 1035.0000 | 1040.0000 | 5.0000 | 0.0047 | Oxide | | EB | | | | 315.4680 | 316.9920 | 1.5240 | 0.1611 | Oxide | | EB |
| | 1040.0000 | 1045.0000 | 5.0000 | 0.0040 | Sulphide | | EB | | | 316.9920 | 318.5160 | 1.5240 | 0.1371 | Sulphide | | EB | |
| MR6345 | 220.0000 | 230.0000 | 10.0000 | 0.0064 | Oxide | | VM | | | MR6345 | 67.0560 | 70.1040 | 3.0480 | 0.2194 | Oxide | | VM |
| | 290.0000 | 310.0000 | 20.0000 | 0.0035 | Oxide | | VM | | | | 88.3920 | 94.4880 | 6.0960 | 0.1200 | Oxide | | VM |
| | 365.0000 | 380.0000 | 15.0000 | 0.0136 | Oxide | | VM | | | | 111.2520 | 115.8240 | 4.5720 | 0.4663 | Oxide | | VM |
| | 445.0000 | 460.0000 | 15.0000 | 0.0070 | Oxide | | VM | | | | 135.6360 | 140.2080 | 4.5720 | 0.2400 | Oxide | | VM |

Sample Summary

Sample Summary

Type

Sample Summary ▼

Date (From)

11-01-2016

Date (To)

12-06-2016

Search

Export To Excel

Export To CSV

| DHID | Samples Not Received (Count) |
|---------|------------------------------|
| DDH6359 | 458 |
| MR6371 | 196 |
| MR6372 | 196 |
| MR6373 | 196 |
| MR6374 | 196 |
| MR6375 | 175 |
| MR6376 | 240 |
| MR6378 | 196 |
| MR6379 | 240 |
| MRA6380 | 120 |
| MRA6381 | 139 |

QA/QC Report

QA QC Export

From Date To Date

Export :

☒ Active CRM

☐ Inactive CRM

☒ OxD128

☒ OxB130

☐ OxD120

☒ Blank

☒ Duplicate

☒ Original

| Sample Id | AUFA | AUFA_R | AUCN | Category | ReportingDate | Certificate No |
|--------------------|--------|---------|---------|------------|---------------|----------------|
| MR6362 \$1 | 0.0117 | -1.0000 | 0.0110 | CRM OxD128 | 11-16-2016 | \$P0117182 |
| MR6362 \$2 | 0.0033 | -1.0000 | 0.0030 | CRM OxB130 | 11-16-2016 | \$P0117182 |
| MR6362 245-250 A | 0.0022 | -1.0000 | 0.0020 | Original | 11-16-2016 | \$P0117182 |
| MR6362 245-250 B | 0.0023 | -1.0000 | 0.0020 | Duplicate | 11-16-2016 | \$P0117182 |
| MR6362 \$3 | 0.0001 | -1.0000 | -1.0000 | Blank | 11-16-2016 | \$P0117182 |
| MR6362 \$5 | 0.0116 | -1.0000 | 0.0110 | CRM OxD128 | 11-16-2016 | \$P0117182 |
| MRA6350 \$1 | 0.0117 | -1.0000 | 0.0110 | CRM OxD128 | 11-08-2016 | \$P0117071 |
| MRA6350 \$2 | 0.0036 | -1.0000 | 0.0030 | CRM OxB130 | 11-08-2016 | \$P0117071 |
| MRA6350 245-250 A | 0.0024 | -1.0000 | 0.0020 | Original | 11-08-2016 | \$P0117071 |
| MRA6350 245-250 B | 0.0034 | -1.0000 | 0.0030 | Duplicate | 11-08-2016 | \$P0117071 |
| MRA6350 \$3 | 0.0001 | -1.0000 | -1.0000 | Blank | 11-08-2016 | \$P0117071 |
| MRA6350 \$5 | 0.0118 | -1.0000 | 0.0110 | CRM OxD128 | 11-08-2016 | \$P0117071 |
| MRA6350 495-500 A | 0.0020 | -1.0000 | 0.0020 | Original | 11-08-2016 | \$P0117071 |
| MRA6350 495-500 B | 0.0019 | -1.0000 | 0.0020 | Duplicate | 11-08-2016 | \$P0117071 |
| MRA6350 \$6 | 0.0037 | -1.0000 | 0.0030 | CRM OxB130 | 11-08-2016 | \$P0117071 |
| MRA6350 \$7 | 0.0001 | -1.0000 | -1.0000 | Blank | 11-08-2016 | \$P0117071 |
| MRA6350 \$9 | 0.0124 | -1.0000 | 0.0100 | CRM OxD128 | 11-08-2016 | \$P0117071 |
| MRA6350 745-750 A | 0.0003 | -1.0000 | -1.0000 | Original | 11-08-2016 | \$P0117071 |
| MRA6350 745-750 B | 0.0002 | 0.0002 | -1.0000 | Duplicate | 11-08-2016 | \$P0117071 |
| MRA6350 \$10 | 0.0001 | -1.0000 | -1.0000 | Blank | 11-08-2016 | \$P0117071 |
| MRA6350 \$11 | 0.0037 | -1.0000 | 0.0030 | CRM OxB130 | 11-08-2016 | \$P0117071 |
| MRA6350 995-1000 A | 0.0002 | -1.0000 | -1.0000 | Original | 11-08-2016 | \$P0117071 |

Blast-Hole Module

*Custom Made for Marigold Gold Mine,
Silver Standards*

Blast-Hole Module

The Blast hole module consist of Blast Collar and Blast Assay Data import and export. Here The Collar data and assay data files are imported. Calculations based on the business logics are applied on the imported data. This data is then available for exporting into Excel or CSV file format. This module contains the following pages:

- ❖ Pit Master
- ❖ Blast Collar Import/Export
- ❖ Blast Assay Import/Export
- ❖ Blast Assay Direct Import from *LIMS Database*

Chip Data Module

*Custom Made for Bulyanhulu Gold
Mine, Barrick Gold Corp.*

Chip Data Module

Chip Database provide an error free data entry interface bound with custom validations rules. It can be customized as per the client's requirement. The following pages are currently available in the present module:

- ❖ Chip Collar Data Entry Form
- ❖ Lab file Import (can be seamlessly integrated with existing systems)
- ❖ Data Export for mining software
- ❖ Chip Verification Process

PS: The current system was developed as per custom requirements from BGML, however this can be rewritten completely from scratch, based on new requirements.

- [+UG Data Entry](#)
- [-Chip Data Entry](#)
 - [CHIP FX Collar Form](#)
 - [CHIP FX](#)
 - [Ch Lab sample file conf.](#)
 - [Import lab Details](#)
 - [Export Data Mine CSV](#)
 - [Chips FX Settings](#)
 - [Chips FX Settings](#)
 - [Import Path Master](#)
 - [Dispatch ChipFx](#)
 - [Batch Process From](#)
 - [Export Collars Weekly Data](#)
 - [Chip Verification Process](#)
 - [Chip Sample Dispatch Sheet](#)
 - [BHID Unverified](#)
 - [Ramp Wise CSV Export To DataMin](#)
- [+Washer Data Entry](#)
- [+Washer Data Report](#)
- [+Diamond Drilling Entry](#)
- [+Chips-FX Reports](#)
- [+UG Reports](#)
- [+Diamond Drill Reports](#)
- [+SF Drill](#)
- [+Admin Report](#)
- [+SF Drill Report](#)
- [+SOIL](#)
- [+BEAL](#)
- [+SOIL](#)

CHIP FX Data Entry

[Back](#)

[Home](#)

[Print](#)

[Refresh](#)

[Change Password](#)

[Exit](#)

Welcome Super, Admin

| | | | | | |
|------------------------|----------------------|----------------|----------------------|-------------------------|----------------------|
| Ramp | <input type="text"/> | Level | <input type="text"/> | Heading | ShrL12 |
| Cross Cut | <input type="text"/> | Reef | <input type="text"/> | Zone | MZ |
| X Collar | <input type="text"/> | Y Collar | <input type="text"/> | Z Collar | <input type="text"/> |
| BHID | <input type="text"/> | | | | |
| Brg | <input type="text"/> | Dip | <input type="text"/> | Length of Sample | <input type="text"/> |
| Date Sampled | <input type="text"/> | Mine Width | <input type="text"/> | Next Round Face Width | <input type="text"/> |
| HW | <input type="text"/> | FW | <input type="text"/> | Geologist / Geotech | Super |
| Day Shift/ Night Shift | Day | Team | <input type="text"/> | Send to this stock pile | <input type="text"/> |
| Station | <input type="text"/> | Short Distance | <input type="text"/> | Back To Sample | <input type="text"/> |

Mining Instruction

[Submit](#)

[Reset](#)

[Cancel](#)

All The Fields In this Frame are Mandatory

[System Admin](#)

[Geology](#)

[Utility](#)

| | | | | | |
|---|-------------------|----------------|--------|-----------------------|--------|
| BHID | 4770337W3308C04MZ | | | | |
| Brg | 180.000 | Dip | 0.000 | Length of Sample | 1.400 |
| Date Sampled | 3/8/2010 | Mine Width | 1.420 | Next Round Face Width | 1.200 |
| HW | BA | FW | BA | Geologist / Geotech | Gerald |
| Day Shift/ Night Shift | Day | Team | REEF 2 | Sent | |
| Station | M477337-03-1 | Short Distance | 15.520 | Back | |
| Mining Instruction Cut waste on h/w side by 0.2m to minimize dilution. | | | | | |
| Update | | Reset | | Cancel | |

Data highlighted gets auto calculated when Assay file gets updated

All The Fields In this Frame are Mandatory

| | | | | | |
|--------------------|--------|------------------|-------|-----------------|-------|
| Face Grade | 0.000 | To Be Mine Grade | 0.000 | Lode AU | 0.000 |
| Face Width | 1.420 | Lode Width | 0.540 | Lode GM | 0.000 |
| Face Over Break % | 18.333 | Sample Grade (%) | 0.000 | Best Mine Grade | 0.000 |
| Face over break(m) | 0.220 | Sample Width | 1.400 | Best Mine Width | 0.000 |

Assay Structure Face Map

Click on the button to enter the Assay, Structure data or to insert the photograph/sketch of the face

Edit Assay

| Depth From | Depth To | Length | Sample | Mine Rock | Au | Ag | Cu | S | Sg | Reef | Zone | CollarsID | CertNumber | Delete |
|------------|----------|--------|----------|-----------|----|----|----|---|----|------|------|-----------|------------|--------|
| 0.00 | 0.45 | 0.45 | CS351809 | BA | | | | | | | | 302766 | | |
| 0.45 | 0.86 | 0.41 | CS351811 | BA | | | | | | | | 302766 | | |
| 0.86 | 1.13 | 0.27 | CS351812 | BAQM | | | | | | | MZ | 302766 | | |
| 1.13 | 1.40 | 0.27 | CS351813 | QM | | | | | | | MZ | 302766 | | |

| Duplicate Sample No | Original Sample |
|---------------------|-----------------|
| CS351810 | CS297321 |

Duplicate samples and standard samples get auto generated. All odd multiples of 10 are duplicate samples and all even multiples of 10 are original samples

Add More Submit Cancel

- [-] UG Data Entry
- [-] Chip Data Entry
 - [-] CHIP FX Collar Form
 - [-] CHIP FX
 - [-] Ch Lab sample file conf.
 - [-] Import lab Details
 - [-] Export Data Mine CSV
 - [-] Chips FX Settings
 - [-] Chips FX Settings
 - [-] Import Path Master
 - [-] Dispatch ChipFx
 - [-] Batch Process From
 - [-] Export Collars Weekly Data
 - [-] Chip Verification Process
 - [-] Chip Sample Dispatch Sheet
 - [-] BHID Unverified
 - [-] Ramp Wise CSV Export To DataMin
- [-] Washer Data Entry
- [-] Washer Data Report
- [-] Diamond Drilling Entry
- [-] Chips-FX Reports
- [-] UG Reports
- [-] Diamond Drill Reports
- [-] SF Drill
- [-] Admin Report
- [-] SF Drill Reort
- [-] SOIL
- [-] BEAL
- [-] SOIL

Filter search by

BHID

Verified

--Select--

Apply Filter

Search on

--Select--

--Select--

--Select--

--Select--

Level

Cross Cut

Reef

Zone

Heading

Ramp

--Select--

Go

Parameter's available for filtering any particular face sample which needs to edited. Use the edit button to edit the face sample

1 2 3 4 5 6 7 8 9 10 ...

| Verified | Edit | BHID | XCollar | YCollar | ZCollar | Brq | Dip | Depth | Face Width | Next FaceWidth | Sample date | Sample Width | Sample Grade | Sample GM | Mine Grade |
|--------------------------|---|-----------------------------------|-----------|-----------|----------|---------|-------|-------|------------|----------------|-------------|--------------|--------------|-----------|------------|
| <input type="checkbox"/> |  | 3870275W2433DEVHZ | 22432.560 | 14911.970 | 3881.570 | 180.000 | 0.000 | 3.290 | 3.290 | 3.300 | 03/06/2010 | 3.290 | 0.000 | 0.000 | 0.000 |
| <input type="checkbox"/> |  | 4105210E2271DEVMZ | 22271.270 | 14887.580 | 4114.240 | 180.000 | 0.000 | 3.400 | 3.400 | 3.200 | 03/06/2010 | 3.400 | 0.000 | 0.000 | 0.000 |
| <input type="checkbox"/> |  | 4430210W2078C10MZ | 22078.150 | 14863.620 | 4480.650 | 180.000 | 0.000 | 1.840 | 1.850 | 1.600 | 03/06/2010 | 1.840 | 0.000 | 0.000 | 0.000 |
| <input type="checkbox"/> |  | 4520212W2067C03MZ | 22066.570 | 14860.090 | 4547.210 | 180.000 | 0.000 | 1.300 | 1.160 | 1.200 | 03/06/2010 | 1.300 | 0.000 | 0.000 | 0.000 |

Clicking on the BHID will give the summary of the BHID with the face photographs if one is attached

Weekly/Monthly Dilution Report

Weekly / Monthly Dilution Report.

| Month :- 2 | | Week of (Day :- From - To) 27 to 2 | | | | | | | | |
|-----------------------------|-----------------------|--------------------------------------|-------------------|-----------------|-------------------|------------------------|---------------------------------------|--------------------|------------------|--------------------|
| Dev Name | Weekly Avg Lode Width | Weekly Next FaceWidth (Marked Width) | Weekly Mine Width | Weekly Dilution | Weekly Dilution % | Monthly Avg Lode Width | Monthly Next FaceWidth (Marked Width) | Monthly Mine Width | Monthly Dilution | Monthly Dilution % |
| BGML MECHANISED | | | | | | | | | | |
| 0-4130-188DriftW-MZ-QRF1 | 1.14 | 2.80 | 3.00 | 0.20 | 7.14 | 1.14 | 2.80 | 3.00 | 0.20 | 7.14 |
| 6-4010-210DriftE-MZ-QRF1 | 0.90 | 3.30 | 3.54 | 0.24 | 7.27 | 0.90 | 3.30 | 3.54 | 0.24 | 7.27 |
| 6-4032-210DriftE-MZ-QRF1 | 1.64 | 2.50 | 2.60 | 0.10 | 4.00 | 1.64 | 2.50 | 2.60 | 0.10 | 4.00 |
| 6-4032-210DriftW-MZ-QRF1 | 1.86 | 2.70 | 2.90 | 0.20 | 7.41 | 1.86 | 2.70 | 2.90 | 0.20 | 7.41 |
| 6-4105-210DriftE-MZ-QRF1 | 2.59 | 4.35 | 4.60 | 0.25 | 5.63 | 2.59 | 4.35 | 4.60 | 0.25 | 5.63 |
| 6-4105-210DriftW-MZ-QRF1 | 1.44 | 2.65 | 2.64 | -0.01 | -0.38 | 1.44 | 2.65 | 2.64 | -0.01 | -0.38 |
| A-3800-286 DriftW-MZ-QRF1 | 2.22 | 3.80 | 4.02 | 0.22 | 5.79 | 2.22 | 3.80 | 4.02 | 0.22 | 5.79 |
| A-3870-275DriftE-MZ-QRF1 | 5.82 | 5.80 | 6.18 | 0.38 | 6.55 | 5.82 | 5.80 | 6.18 | 0.38 | 6.55 |
| A-3870-275DriftW-MZ-QRF1 | 1.22 | 3.05 | 3.42 | 0.37 | 11.98 | 1.22 | 3.05 | 3.42 | 0.37 | 11.98 |
| BGML-DRIFT&FILL | | | | | | | | | | |
| 2-4200-319DriftW-FZ-QRF1 | 2.08 | 2.60 | 2.73 | 0.13 | 5.00 | 2.08 | 2.60 | 2.73 | 0.13 | 5.00 |
| 2-4217-319BreastD1W-HZ-QRF1 | 0.85 | 2.70 | 2.88 | 0.18 | 6.67 | 0.85 | 2.70 | 2.88 | 0.18 | 6.67 |
| 2-4280-341DriftE-MZ-QRF1 | 0.24 | 3.41 | 3.85 | 0.44 | 12.90 | 0.24 | 3.41 | 3.85 | 0.44 | 12.90 |
| CONVENTIONAL STOPE | | | | | | | | | | |
| 0-4520-228CCFL02W-MZ-QRF0B | 0.55 | 1.34 | 1.41 | 0.07 | 4.98 | 0.55 | 1.34 | 1.41 | 0.07 | 4.98 |

Daily Over-break Report

Daily Over Break Report

AS AT: 2/2/2010 12:00:00A

| Team | Dev Name | Week Total | 1 | 2 | Aveg |
|--------------------|----------------------|------------|------|--------|-------|
| BGML MECHANISED | 0-4130-188DriftW-MZ | | 0.20 | — | 0.20 |
| | 6-4010-210DriftE-MZ | | — | 0.24 | 0.24 |
| | 6-4032-210DriftE-MZ | | — | 0.10 | 0.10 |
| | 6-4032-210DriftW-MZ | | 0.20 | — | 0.20 |
| | 6-4105-210DriftE-MZ | | 0.10 | 0.39 | 0.25 |
| | 6-4105-210DriftW-MZ | | 0.08 | (0.10) | -0.01 |
| | A-3800-286 DriftW-MZ | | — | 0.22 | 0.22 |
| | A-3870-275DriftE-MZ | | — | 0.38 | 0.38 |
| | A-3870-275DriftW-MZ | | 0.35 | 0.38 | 0.37 |
| | Total | | 0.19 | 0.23 | 0.21 |
| BGML-DRIFT&FILL | 2-4200-319DriftW-HZ2 | | — | 0.13 | 0.13 |
| | 2-4217-319Breast01W- | | 0.18 | — | 0.18 |
| | 2-4280-341DriftE-MZ | | — | 0.44 | 0.44 |
| | Total | | 0.18 | 0.29 | 0.25 |
| CONVENTIONAL STOPE | 0-4520-228CCFL02W- | | 0.10 | 0.05 | 0.08 |
| | 0-4520-228CCFL03W- | | — | 0.20 | 0.20 |
| | 1-4760-225CCFL02W- | | — | 0.08 | 0.08 |
| | 1-4760-248CCFL08E-H | | | 0.10 | 0.10 |

Chip Samples Dispatched but not received

Chip Sample Dispatch but not received

From

01-Feb-2010

To

28-Feb-2011

| Sr No. | Dispatch Date | Shift | Geologist | Geotech | Cert Num | Sample No |
|--------|---------------|-------|-------------|-------------|-----------|-------------|
| 1 | 29-Apr-2010 | Day | Super Admin | Super Admin | TUL 02794 | TCGRB105795 |
| 2 | 29-Apr-2010 | Day | Super Admin | Super Admin | TUL 02794 | TCGRB105796 |
| 3 | 29-Apr-2010 | Day | Super Admin | Super Admin | TUL 02794 | TCGRB105797 |
| 4 | 29-Apr-2010 | Day | Super Admin | Super Admin | TUL 02794 | TCGRB105798 |
| 5 | 29-Apr-2010 | Day | Super Admin | Super Admin | TUL 02794 | TCGRB105799 |
| 6 | 29-Apr-2010 | Day | Super Admin | Super Admin | TUL 02794 | TCGRB105800 |
| 7 | 29-Apr-2010 | Day | Super Admin | Super Admin | TUL 02794 | TCGRB105801 |
| 8 | 29-Apr-2010 | Day | Super Admin | Super Admin | TUL 02794 | TCGRB105802 |
| 9 | 29-Apr-2010 | Day | Super Admin | Super Admin | TUL 02794 | TCGRB105803 |
| 10 | 29-Apr-2010 | Day | Super Admin | Super Admin | TUL 02794 | TCGRB105804 |
| 11 | 29-Apr-2010 | Day | Super Admin | Super Admin | TUL 02794 | TCGRB105805 |
| 12 | 29-Apr-2010 | Day | Super Admin | Super Admin | TUL 02794 | TCGRB105806 |
| 13 | 29-Apr-2010 | Day | Super Admin | Super Admin | TUL 02794 | TCGRB105807 |

Blank Sample AU > 0.2

Blank Sample Au Greater Than 0.2 Report

| BHID | Sample No | Au | Certificate No | Date Receives |
|--------------------|-----------|-------|----------------|-------------------|
| 4430210W2090C18MZ | FS181820 | 8.58 | CS15086 | 14-June-2012 |
| 4580211W2121C09MZ | FS183080 | 6.57 | CS15149 | 02-July-2012 |
| 4650210W2081C05MZ | FS185200 | 6.18 | CS15202 | 20-July-2012 |
| 4825336W3287SILMZa | FS185480 | 5.90 | CS15245 | 04-August-2012 |
| 4700243W2387C15MZ | FS185740 | 1.00 | CS15356 | 10-September-2012 |
| 4430210W2068C19MZ | FS185880 | 5.87 | CS15454 | 10-October-2012 |
| 3800318E3492DEVHZa | FS187300 | 18.76 | CS15752 | 24-January-2013 |
| 4710353E3594C05MZ | FS187780 | 0.27 | CS15325 | 30-August-2012 |
| 4659344E3506C06MZ | FS187800 | 5.97 | CS15327 | 31-August-2012 |
| 3980137W1137DEVMZ | FS188180 | 0.38 | CS14353 | 26-October-2011 |
| 4770337W3334C07MZ | FS188980 | 0.31 | CS14484 | 10-December-2011 |
| 4700215W2133C07MZ | FS189580 | 0.37 | CS15503 | 25-October-2012 |
| 4700215W2136C07MZ | FS189620 | 17.29 | CS15507 | 26-October-2012 |
| 4430210W2057C16MZ | FS190400 | 8.14 | CS14260 | 24-September-2011 |

Washer Module

*Custom Made for Bulyanhulu Gold
Mine, Barrick Gold Corp.*

Washer Module

The Washer Module was developed to manage the washer data thrown and collected in Ore and Waste. It mainly have these pages.

- ❖ Throw Washer (Data Entry)
- ❖ Collect Washer (Data Entry)
- ❖ Washer Collection Details
- ❖ Washer Received Details

Throw Details

Throw Details.

Welcome Super, Admin

| | |
|---------------------|--|
| Washer No Prefix | <input type="text" value="uc"/> |
| WasherNo From (*) | <input type="text" value="010"/> |
| WasherNo To | <input type="text" value="016"/> |
| Throw By (*) | Angelo L Karugaba ▾ |
| Muck Type (*) | Waste ▾ |
| Tonnage (*) | <input type="text" value="501.000"/> |
| Ramp (*) | E ▾ |
| Level (*) | 4305 ▾ |
| Team (*) | ▾ |
| Heading | B06ECL ▾ |
| Panel | 30 ▾ |
| Stope | 5 ▾ |
| Throw Date Time (*) | <input type="text" value="02-14-2007"/>  <input type="text" value="22"/> ▾ Hrs. <input type="text" value="58"/> ▾ Mins. |
| Comments | <input type="text" value="re - test for uc washer"/> |

Update

Cancel




Reset

Collect Washer

Collect

 [Back](#)  [Home](#)  [Print](#)  [Refresh](#)  [Change Password](#)  [Exit](#)

Welcome Super, Admin

| | ^ Batch No v | ^ Washer No From v | ^ Washer No To v | ^ Collect To v | ^ Shift v | Edit |
|--------------------------|--------------|--------------------|------------------|----------------|-----------|---|
| <input type="checkbox"/> | 6 | er2000 | er2002 | admin | Day |  |
| <input type="checkbox"/> | 7 | 45 | 50 | admin | Night |  |
| <input type="checkbox"/> | 8 | uee1010 | uee1015 | admin | Day |  |
| <input type="checkbox"/> | 9 | ux11 | ux12 | admin | Day |  |
| <input type="checkbox"/> | 10 | T5000 | T5010 | User1 | Night |  |

Add New

Delete

Collect Washer

Collect

 **Bac**

Welcome Super, Admin

Washer No Prefix

T

Washer From No

5000

Washer To No

5010

Collected By

Super David Mwakitwange ▼

Date & Shift

6/9/2007 1

Night ▼

Comments

balh

Update

Cancel

Reset

Washer Receive details

Washer Received Details.

[Back](#) [Home](#) [Print](#) [Refresh](#) [Change Password](#) [Exit](#)

Welcome Super, Admin

Washer Prefix : From : To : Collected :

Washer No

[Apply Filter](#)

[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) ...

| Verify | Washer | Washer No | Throw Date | Muck | Ramp | Lavel | Heading | Panelalue | Stope | Collection Time | Collected By | Location | Collection |
|--------------------------|--------|-----------|------------|------|------|-------|---------------|-----------|-------|-----------------|--------------|----------|-------------------|
| <input type="checkbox"/> | | 122295 | 01-21-2014 | ORE | A | 3850 | Remuck Access | | | | | | ✎ |
| <input type="checkbox"/> | | 122294 | 01-21-2014 | ORE | A | 3850 | Remuck Access | | | | | | ✎ |
| <input type="checkbox"/> | | 122293 | 01-21-2014 | ORE | A | 3850 | Remuck Access | | | | | | ✎ |
| <input type="checkbox"/> | | 122292 | 01-21-2014 | ORE | A | 3850 | Remuck Access | | | | | | NA |
| <input type="checkbox"/> | | 122291 | 01-21-2014 | ORE | A | 3850 | Remuck Access | | | | | | ✎ |
| <input type="checkbox"/> | | 122775 | 01-17-2014 | ORE | 0 | 4180 | Remuck Access | | | | | | ✎ |
| <input type="checkbox"/> | | 122774 | 01-17-2014 | ORE | 0 | 4180 | Remuck Access | | | | | | ✎ |
| <input type="checkbox"/> | | 122773 | 01-17-2014 | ORE | 0 | 4180 | Remuck Access | | | | | | ✎ |
| <input type="checkbox"/> | | 122772 | 01-17-2014 | ORE | 0 | 4180 | Remuck Access | | | | | | ✎ |
| <input type="checkbox"/> | | 122771 | 01-17-2014 | ORE | 0 | 4180 | Remuck Access | | | | | | ✎ |

[Verify](#)

Washer Collection Details

Washer Collection Details

 **Back**

Welcome Super, Admin

Geologist Name

Super S Admin ▼

Washer Prefix

PO

Washer from (*)

131

Washer To (*)

133

Collection Date (*)

Nov 24 2016

Comments

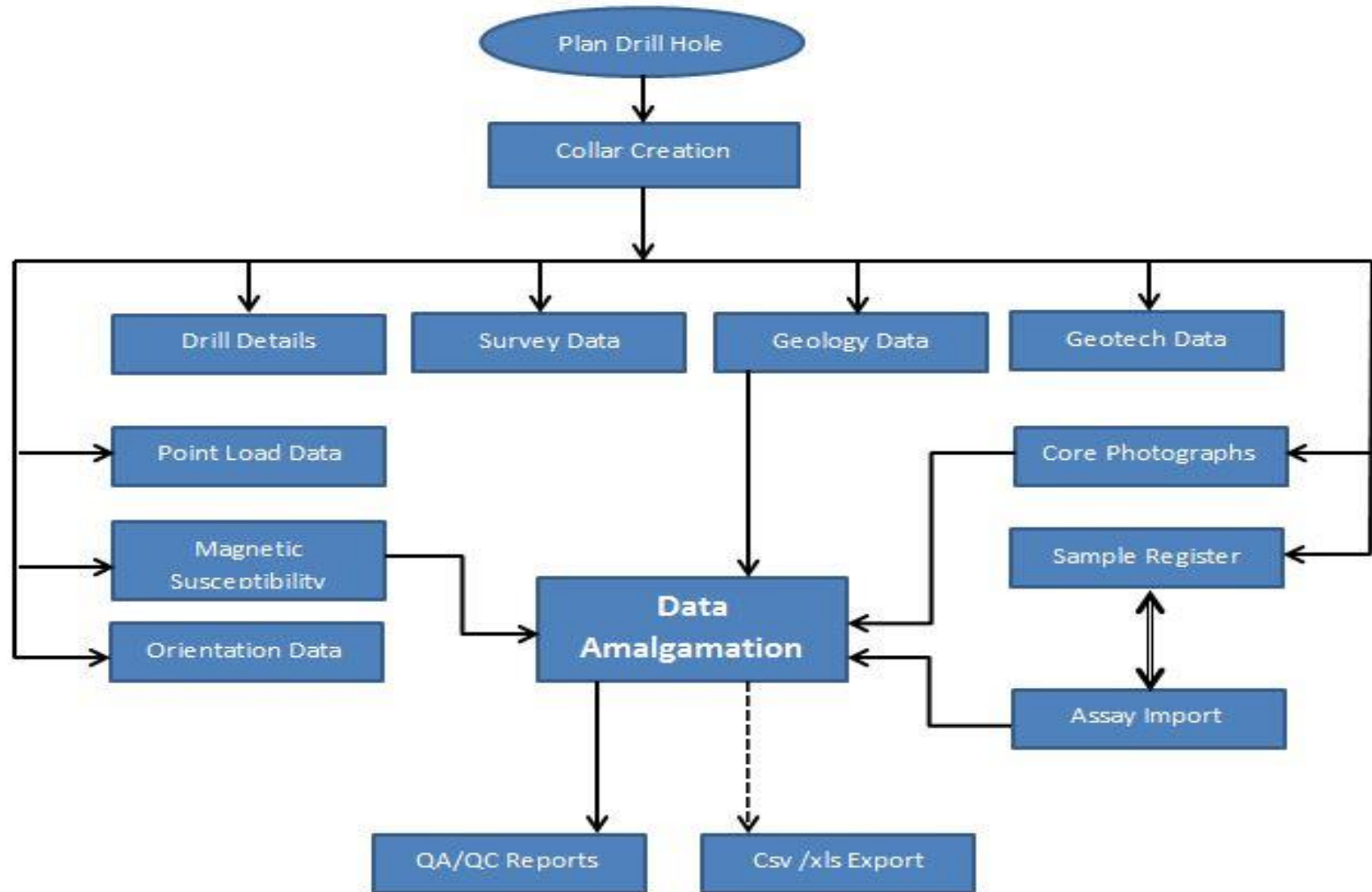
133

Update

Cancel

Reset

Process Diagram



Reports Module

- The Report Module allows the user to extract information from the system based on pre-described criteria's.
- Automatic monthly, weekly and daily reports can be generated or send to users through emails.
- Graphical **QA/QC** Reports .
- Graphical Standard, Blank, Duplicate reports with standard deviation.



Advantages

- ❖ This is not a generalized database like others available in market. It can be specialized for single mine site and adapt its business logics.
- ❖ Its User friendly and can be customized to what users are comfortable with.
- ❖ We can redevelop modules based on BROWN Paper study.
- ❖ Graphical QAQC reports
- ❖ No user license, No Max user Limitation
- ❖ No Data Record Limitation
- ❖ Premium 24 Hrs response time guaranty

For any query or Free Demo Contact Us.



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