

CURRICULUM VITAE

MARK JOHN GLASSOCK

PERSONAL INFORMATION

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- E-mail : home: markglassock1@gmail.com.
- DOB : 4 June 1966 - Sydney
- Hobbies : Travelling, Computers, Family, Woodwork, House restorations.
- Membership : AusIMM

EDUCATION

- BSc (Geology): 1989 Sydney University
- High School Certificate: 1984 Beacon Hill High School
- School Certificate: 1982 Beacon Hill High School
- Numerous conferences and courses

WORK EXPERIENCE +20 years

March 2014 to present **Extomine Pty Ltd**

**Director and Principal Consultant
Perth WA**

Consulting geologist specialising in

- Exploration evaluation and implementation
- Resource Modelling
- Grade control setup and auditing
- QAQC auditing
- Training and Mentoring
- Feasibility and PSF studies

Achievements: Cost effective, quick and efficient geological management. Increasing companied prospects and profits.

July 2012 to March 2014 **Equatorial Resources Ltd**

General Manager Geology

Perth WA

- Manage all Equatorial's geological and technical functions.
- Train/ mentor Congolese and expat staff.
- Manage technical studies and staff, including metallurgy, mine design and scoping study.
- Ore Resource calculations.
- Review competitor and acquisition opportunities.
- Operation of computer mainly using Mircromine, Mapinfo, George (DB), SQL, other Microsoft products.
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Achievements: Achieve milestone of first resources, positive outcome from scoping study. Train and mentor staff to required level.

April 2012 to July 2012 **HOT CHILI LTD**

Resource Development Manager

Perth WA

- Ore Resource Calculations.
- Assist in feasibility studies.
- Review and Implement QAQC protocols.
- Train and mentor geology teams (Chilean).

Achievements: Identify areas of potential undrilled high grade Cu mineralisation (has since been drilled and has identified high grade Cu /Au mineralisation)
Model adjacent magnetite mineralisation.

August 2004 to April 2012 **FORTESCUE METALS GROUP**

**Resource Estimation Manager/ Mine Resource
Manager Perth WA**

- Manage FMG's resource team (estimations, database and QAQC).
- Implement and manage QAQC systems.
- Assist with mine feasibilities.
- Develop and maintain geological databases both exploration and mining.
- Develop mine geology and mine planning procedures and methodology.
- Train and mentor geology teams.
- Ore Resource/ Reserve calculations and reconciliation.
- Plan and model resource/ reserve drill out programs.
- Liaise with management, government, financiers, workers and mining contractors.
- Review new opportunities.
- Operation of computer mainly using Vulcan, Surpac, Mapinfo, Access, SQL, GBIS, Acquire, Supervisor, GeoAccess and other Microsoft products.

Achievements: Over 10 billion tonnes resource's in record time. Develop and monitor

geology systems for both exploration and mining. Part of the record FMG's breaking team, taking green field exploration through to resources and into production in record time, creating the third biggest mining company in Australia.

December 2002 to August 2004 **Gindalbie Gold NL**
Senior Resource Geologist

Perth WA

- Ore Resource/Reserve calculations and reconciliation.
- Pit optimisations and design work.
- Plan and model resource/reserve drill out programs.
- Develop and train mine staff, grade control procedures and systems, including data management and modelling.
- Develop and manage QAQC systems.
- Develop and maintain geological databases.
- Liaise with management, workers and mining contractors.
- Operation of computer mainly, Surpac, Mapinfo, Minemax, Access, SQL, Datashed and other Microsoft products.

Achievements: Extend life of mine, take green fields targets all the way through to mining including modelling and optimisation, develop A1 geological systems, investigate iron ore on tenement package.

April 2001 – December 2002 **WMC/ GOLDFIELDS AUSTRALIA**

Senior Mine Geologist

Waroonga Open Pit Agnew WA

- Supervision, co-ordination and training of geologists and pit technician.
- Develop all grade control procedures and systems, including safety, data management and modelling.
- Develop and the implementation of mine planning / scheduling systems.
- Geotechnical studies.
- Liaise with management, workers and mining contractors.
- Operation of computer mainly using Datamine, Surpac, Access, Excel, and other Microsoft products.

Achievements: Set up open pit geological systems, train/ mentor geological team, develop structural ore model to aid targeting and developing of underground mine.

July 1999 – July 2000 **GENERAL GOLD OPERATIONS**

Senior Mine Geologist/Resource Geologist

Yimuyn Manjerr Gold Project, Katherine NT

- Supervision, co-ordination and training of geologists and field assistants.
- Developed and maintained grade control systems and mine planning systems ranging from safety, sampling to database management for 9 Mt per annum mine.
- Detailed QAQC test work and data validation.
- Geostatistical studies.
- Ore Resource/Reserve calculations and reconciliation.
- Mine planning/ Scheduling.
- Optimisation studies and design work.
- Interpreting geological and geophysical data.
- Liaise with management; workers and mining contractors.
- Acting Geological/ Technical Services Superintendent.

- Operation of computer mainly using Gemcom, Surpac, Visor, Isatis, Whittle, ERmapper, Arcview, Access, Excel, and other Microsoft Software.

Achievements: Develop geological and mine planning systems. Train/ mentor geologists and field assistances.

July 1997 – July 1999 **KILKENNY GOLD NL/ KALMET RESOURCES NL**

Exploration Manager

Maud Creek Project, Katherine NT

- Co-ordinate all on site duties.
- Supervision, co-ordination and training of geologists and field assistants.
- Plan, supervise and interpretation of geochemical surveys, Rab, RC and diamond drilling programs (exploration and resource definition);
- Create and maintain all databases and the GIS package.
- Interpreting geological and geophysical data.
- Ore Resource/Reserve calculations.
- Assist with feasibility studies.
- Purchase and maintenance of computers and software.
- Co-ordinate digitisation of all historic data.
- Operation of computer using Surpac, Minemax, Access, SQL, and Microsoft software.

Achievements: Take resource to feasibility, develop structural model for mineralisation. Define a number of regional targets. Acquire number of new tenements with desired geological settings.

April 1996 – July 1997 **NORTHERN GOLD NL**

Resource/Exploration Geologist

Cosmo Howley/Adelaide River NT

- Supervision, co-ordination and training of geologists and field assistants.
- Create and maintain all databases and the GIS package.

- Ore Resource/Reserve calculations.
- Plan, supervise and interpretation of geochemical, Rab, RC and diamond drilling programs (exploration and resource definition).
- Interpreting geological, geochemical and geophysical data.
- Assist with feasibility studies.
- Operation of computer using Gemcom, Micromine, Mapinfo (Discover), Access, Surpac and Microsoft software.

Achievements: Successfully plan and drill out resources, tripling Northern Gold's resource.

August 1994 - March 1996 **GOLD MINES OF COOLGARDIE / GOLDFAN**

Underground Mine Geologist

Tindals/ Coolgardie WA

- Implementation and co-ordination all underground geological activities.
- Supervision co-ordination and training geologists and field assistants.
- Plan, supervise and interpretation of underground diamond drilling programs (reserve and exploration).
- Liaise with management; workers and mining contractors.
- Maintain geological database.
- Ore resources/reserves calculations and reconciliations.
- Stope and ring design.
- Underground geological activities, including mapping, logging, sampling, ore body definition, structural analyse, etc.
- Acting Chief Mine Geologist.
- Operation of computer both PC and UNIX systems, using mainly Surpac and Lotus.

Achievements: Start up underground mine and develop geological systems.

November 1993 - August 1994 **GOLDFAN**

Mine Geologist

Three Mile Hill- Coolgardie WA

- Implementation and co-ordination of all open pit geological activities.

- Supervise co-ordination and training geologists and field assistants.
- Maintain geological database.
- Liaise with management; workers and mining contractors.
- Mine geological activities, including mapping, ore block definition, logging, structural analyse, geotechnical analyse etc.
- Acting Chief Mine Geologist.
- Operation of computer both PC and UNIX systems, using mainly Surpac and Lotus.

Achievements: Develop in pit decline to successfully mine to the base of mineralisation, decreasing strip ratio, increase revenue.

July 1990 - November 1992 **DOMINION MINING**

Mine Geologist

Meekatharra / Gabanintha WA

- Supervise co-ordination and training of field assistants.
- Mine geological activities, including mapping, ore block definition, logging, structural analyse, etc.
- Senior Mine Geologist.
- Liaise with management; workers and mining contractors
- Mine geological activities, including mapping, ore block definition, logging, structural analyse, etc.
- Ore resource calculations and reconciliations.
- Operation of computer using mainly Surpac and Lotus

May 1990 - July 1990 **ROSS ATKINS MINING**

Geologist

Meekatharra WA

- Exploration and mine related activities including supervision of exploration RC rigs, logging, mapping, ore block definition etc.
- Ore resource/reserve calculations and reconciliations.
- Operation of computer Micromine.

December 1988 - December 1989 **TORRES STRAIT GOLD**

Mine Geologist

Horn Island QLD

- Supervise co-ordination and training of field assistants.
- Mine and exploration geological activities, including mapping, ore block definition, logging diamond core and RC chips, structural analyse, etc.
- Acting Senior Mine Geologist.
- Liaise with management; workers and mining contractors

- Mine geological activities, including mapping, ore block definition, logging, structural analyse, etc.
- Ore resource calculations and reconciliations.
- Operation of computer using mainly Surpac and Lotus

December 1987 - February 1988 **GEOPEKO**

Geological Field Assistant
Tennant Creek NT

- Exploration geological field assistant duties along with geological logging of diamond and grade calculations for ore resource estimates.

REFEREES available on request