

SUMMARY CURRICULUM VITAE

MARTIN MOUNT *MSc (MCSM) CGeol CEng*
HIGHLY MOTIVATED, SUCCESS ORIENTATED,
MINING GEOLOGIST, PROJECT & PLANNING ENGINEER

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39 years experience working in a variety of Mining Geology & Engineering applications including mine exploration and, open pit and underground mining operations. Spanish speaking and currently resident in Lima, Peru.

- 2002-08 **Gerente General**, Anglo Latina Consultores S.A.C. Main contracts: Volcan Compañía Minera S.A.A. (Jefe de Geología Corporativo), Compañía Minera Atacocha S.A., Castrovirreyna Compañía Minera S.A. and, Minsur S.A.
- 1998-02 **Asesor Técnico Geología**, Volcan Compañía Minera S.A.A.
Principal role as the ‘Competent Person’ for reporting Resources and Reserves (JORC Code). Geological modelling and planning in mining operations at the Carahuacra, San Cristobal, Andaychagua, Ticlio, Animon, Vinchos and Cerro de Pasco mines and Cerro open pit.
- 1991-97 **Director & Technical Manager**, Southwest Mining Services Ltd., UK. Principal contracts with UK Department of the Environment for reclamation of contaminated and unstable mining land, shaft capping and closure of mineworkings including water treatment, UK.
- 1988-99 **Group Chief Geologist**, Geevor PLC overseeing project and mining activities in UK (Sn-Cu & coal), Costa Rica and Ecuador (Au-Ag).
- 1986-88 **Independent Consultant**. Main contract with the UK Atomic Energy Authority: feasibility studies for the UK HDR (Hot Dry Rock) Project.
- 1984-85 **MSc Mining Geology** (Distinction), Camborne School of Mines with thesis completed at the St. Helena Gold Mine, Welkom, S. Africa.
- 1978-84 **Chief Geologist**, mining and exploration, Geevor PLC.
1973-77 Underground **Mine Geologist**, Geevor & Levant Mines, Cornwall UK.
1969-72 **Technical Trainee** and **Geological Draughtsman**, Geevor Mine.
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DOB: 9:04:1949, Winchester UK.

Professional affiliations: FGS, FIMMM, MCIM, MAusIMM.

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**HIGHLY MOTIVATED, SUCCESS ORIENTATED,
MINING GEOLOGIST, MINE PLANNING & PROJECT ENGINEER
ENGLISH & CURRENTLY RESIDENT IN PERU**

SPECIAL SKILLS:

- *Due diligence, feasibility studies, project appraisals & technical report writing.*
- *Exploration, sampling, analytical and evaluation procedures including QA/QC.*
- *The 'Competent Person' for reporting Mineral Resources & Ore Reserves.*
- *Technical control of open pit and underground mining operations.*
- *Planning exploration, development and production programs.*
- *Managing drilling programs, core logging and exploration reporting.*
- *Computer literate including the application of 3-d modelling.*
- *Troubleshooting and problem fixing.*
- *Excellent visualisation and presentation skills.*
- *A working knowledge of Spanish; some French.*

SUMMARY:

I began a career in the Mining Industry in 1969 and now have 38 years experience in mining, working in a variety of geological and engineering applications including open pit and underground mining operations.

In the earlier years I gained much practical experience working underground in mine sampling, geological mapping, surveying and, as a general technical assistant. Projects included research into sampling/assay variables, reserve estimation, and grade control. A diligent and methodical approach in the search for new reserves helped extend the life of the famous Geevor and Levant tin mine for some 10 years. Exploration and evaluation successes led to my services being provided to other companies throughout the SW England orefield.

After the 1985 'Tin Crisis' I developed into Engineering Geology, in particular, the identification, delineation and treatment of disused mine openings for environmental, construction and engineering projects. Sound business, managerial, technical and presentational skills all contributed towards my survival as an independent Consultant

Geologist in a period of economic recession. From 1988-91 I advised Geevor PLC regarding the re-opening of their tin mine, but had to return to Engineering Geology after the tin price crashed again and the company finance failed.

In late 1997 I was invited to join a select team of consultants who were contracted by Volcan Compañía Minera S.A.A. to assist in its privatisation and re-engineering of Centromin mines. This Peruvian mining company has grown through three main acquisitions, to become one of the World's largest producers of zinc and silver in concentrates. My main role has been in effect 'the competent person' for resource and reserve estimations conforming to the JORC Code. Volcan has eight Cu-Pb-Zn-Ag mines and three open pit totalling 110 million tonnes of reserves and 145 million tonnes of resources. Annual production is more than 7 million tonnes. The 'discovery' of new mineral through mine exploration during the last 11 years amounts to 150 million tonnes of mineable reserves and 145 million tonnes of mineral resources. Independant technical reports and reviews have been completed for other mining companies in Peru.

CAREER:

2001-2008 **GERENTE GENERAL** and principal owner, Anglo Latina Consultores S.A.C. The following lists the main projects carried out:

2008

Jan-Aug	Responsibility for a \$15 million exploration program, Cerro de Pasco.
Jan-March	General supervision of all Volcan Resource and Reserve estimations including the corporate decision to proceed with the first phase of a "Super Pit" at Cerro de Pasco.
March	Review of Resource and Reserve estimates for Atacocha Mine.
June-July	Assisted SRK Consultants with a Technical Audit of Volcan's mines.
July-Aug	Assisted Volcan with an Information Memorandum for their bankers.
August	Technical Review of the Pitinga Sn Mine, Amazonas for Minsur S.A.
Aug-Sept	Technical Review of the Sinaycocha Mine & exploration for Atacocha.

2007

Jan-March	Review of Resource and Reserve estimations, all Volcan operations.
April-Aug	Supervising geotechnical projects in relation to the proposed development of a "Super Pit" at Cerro de Pasco.
May	Review of tin exploration properties in S. Peru for Minsur S.A.
June-July	Further economic studies re development of a "Super Pit" at Cerro.
August	Historical review & exploration recommendations, Regina WO ₃ Mine.
October	Review of Volcan's exploration, development & production proposals for 2008.
Nov-Dec	Further planning in relation to the development of a "Super Pit" at Cerro de Pasco.

2006

Jan-March	Review of Resource and Reserve estimations, all Volcan operations.
February	Special studies carried out on Islay Ag Mine and Cerro Open Pit.

April-May	Worked with AMEC Consultants on a Technical Review of all Volcan operations as back-up to a re-financing \$120 million free export loan.
June-Aug	Resource estimate updates and special scoping studies in relation to developing a proposed 'super pit' at Cerro de Pasco.
Oct-Nov	Review of Peruvian Mining Projects for a Private Investment Fund.
November	Technical Review of San Rafael Tin Mine for Minsur S.A.

2005

Jan-March	Review of Resource and Reserve estimations, all Volcan operations.
February	Special studies carried out on Vinchos Ag Mine and Cerro Open pit.
March	Opinion on the Toromocho Project for an independent client.
June-Dec	Combined Open Pit & Underground model completed for Cerro de Pasco, followed up with Optimisation, Planning and Scheduling for a 'Super Pit'. Geotechnical studies started in relation to a 'deep pit'. Developed new long term plan for all Volcan mines and their bankers.

2004

Jan-February	Contract position with Volcan redefined as Corporate Chief Geologist. Review of Resource and Reserve estimations, all Volcan operations.
Feb-March	Review of exploration and mining progress, San Genaro Mines (Castrovirreyna Compania Minera S.A.).
April-June	Interpreted new model for the 'Escondida Orebody' Yauli. Further diamond-drilling carried out and model updated.
May	Review Volcan's Datamine usage. Plan proposed to widen and optimise Datamine use and replace most AutoCAD applications.
June-July	Review of 2003 reserves, exploration proposals and mining plan, Atacocha Mine (Compania Minera Atacocha S.A.).
August	Preliminary dimensioning and resource estimations, newly discovered Cuerpo Maria-Ines, Mina Vinchos, 40km north of Cerro de Pasco.
Sept-Oct	New structural interpretation Veta Lorena and related mineralisation, Mina Animon together with modified mine planning recommendations
November	Update Oxide (Ag) Stockpile estimate and economic model, Cerro de Pasco, following recommendations of AMEC Consultants (Peru).
December	Review of 2003 reserves and 2004 mining plan, San Genaro Mine, Huancavelica (Castrovirreyna Compania Minera S.A.).

2003

Jan-February	Review of Resource and Reserve estimations, all Volcan operations
February	Contracted as to act as Chief Geologist, Regional, District and Mines geology, Volcan.
Feb-Mar	New block model and conceptual optimisations with Adam Wheeler, Cerro de Pasco open pit.
Mar-Sept	Structural and metal distribution analysis and development of a proposed geological model for the mines of the 'domo de Yauli'. Control and supervision of exploration work with minimum budget.
Sept-Dec	Revision and computation of all assay data, Animon Mine together with generation of isovalue contours for structure, width and metal contents as a guide to exploration and proposed mine deepening.

1998-2002 **CONSULTING MINING GEOLOGIST**, Volcan Compania Minera S.A.A., Peru. The following list itemises some of the main functions and projects carried out:

2002

Jan-Feb Review of Resource and Reserve estimations, Yauli, Cerro & Animon operations.

March 2001 Annual Report, Volcan Compania Minera S.A.A. (English & Spanish) and presentation to the banks.

May Defined and agreed standards and rolling annual program with company management for all 'Volcan' mine planning.

July 6 month (mid-term) review of resource and reserve estimations and program of mine planning activities started.

Sept-October Reinterpreted and reconstructed the Cerro de Pasco open pit model, Cerro de Pasco, in preparation for the next resource estimate.

November Review of 2003 alternative mining plans for 2003.

2001

January Updated the economic model and resource reserve estimate for Cerro de Pasco open pit constructed with the assistance of Adam Wheeler.

Feb-Mar Review of all other resource and reserve estimations, Yauli, Cerro & Animon operations.

April Made responsible for laboratory checks (3 Labs) and QA/QC program started with sampling and analyses at Yauli (Mahr Tunnel laboratory).

June-July Updating short, medium and long-term operational plans.

Oct-Nov Seconded to Mina San Genaro, Huancavelica - independent technical study; review of reserves position and proposed exploration program.

1999

Jan-March Review and re-estimation of ore reserves, Yauli mines.

Mar-May Due Diligence on Centromin's Empresa Minera Paragsha (Cerro de Pasco mine, open pit and related assets).

June-July Orebody (DATAMINE) modelling, geostatistics and block modelling, Toldorrumi proposed open pits, Yauli.

August Development and production plans, Andaychagua, Carahuacra, San Cristobal Mines.

November Due Diligence on the Quicay Au Project, Cerro de Pasco (Centromin)

December Exploration, development and production plan, Ticlio Mine.

1998

Jan-April Contributed towards a 'Detailed Planning Report' on Andaychagua, Carahuacra & San Cristobal mines.

June-July 12 month exploration, development and production plan, Yauli Mines.

November Preliminary to Due Diligence - Morococha Mine and Toromocha Project (Centromin).

1997

October Review of development and production plans for Volcan Compania Minera S.A., Yauli Mines, Department of Junin, Central Peru.

1991-97

CONSULTANT MINING & ENGINEERING GEOLOGIST

Director - South West Mining Services Limited, UK.
Registered Mine Manager (Mines & Quarries, UK) for mining contract works. Contracts included Site and/or Mining Investigations for the UK Department of Transport, Local Authorities, The National Trust, Architects, Engineers and the Construction Industry. Projects included derelict and contaminated land reclamation (Dept. of the Environment), shaft plugging and ground reinstatement, SW England. Occasional Lecturer, Camborne School of Mines.

1989-91

Invited to be **GROUP CHIEF GEOLOGIST** by Geevor PLC. Continued previous consultancy practice as Director and Manager, St. Just Mining Services Limited (subsidiary). Registered Quarry Manager (Mines & Quarries, UK). In house work included overseeing project geology and technical services in Costa Rica and Ecuador (Au-Ag) together with mining operations in Cumbria (coal) and Cornwall (Sn-Cu), UK. Made redundant when Company finance failed.

1986-88

CONSULTANT GEOLOGIST (Martin Mount & Associates). Established a successful consultancy business specialising in ground engineering and mining related problems throughout SW England. Contracts included feasibility studies for the UK Atomic Energy Authority (the Hot Dry Rock Project); also HDR Reservoir characterisation and deep drilling hazard prediction. Technical visits to Central and N.America. Business sold to Geevor PLC in early 1989.

1984-85

MSc in Mining Geology (Distinction), Camborne School of Mines, studying mining engineering, mineral deposits and resources on a global scale. The course included mining engineering and mineral processing, engineering geology, petrology and rock mechanics. Visited mines in southern France. Thesis (St. Helena Au mine) and technical visits completed in the Witwatersrand Basin, Bushveldt Complex and Barberton Mountainland, S.Africa.

1978-84

CHIEF GEOLOGIST (Geevor PLC) responsible for full geological and technical control of a highly successful exploration, development and production operation centred on the Geevor and Levant Mines, West Cornwall. Specialist feasibility studies and independent reporting completed on Projects and Prospects throughout the SW England orefield (Pendarves Mine, Callington-Gunnislake, Caradon-Phoenix, Redmoor Mine, Godolphin-Marazion, Wheal Exmouth, Wheal Concord and the alluvial and marine deposits of Devon and Cornwall). Independent studies for MAUK on the Pendarves (Great Western Ores Limited) and South Crofty (South Crofty Limited)

mines. Seconded to Marine Mining (UK) Limited to carry out dredging tests along the N coast of Cornwall. Technical visits throughout the UK and Ireland.

1973-77 **MINE GEOLOGIST**, Geevor and Levant Mines. Responsible for sampling, assay and directional control. Special projects included the introduction of geostatistics into ore reserve estimations; design and construction of a large 3-d mine model (1974-75); design and development of an educational facility (1977).

1970-72 **GEOLOGICAL DRAUGHTSMAN** and technical services trainee attending Camborne School of Mines on a day-release basis for courses on Geology, Technical Draughting, Assaying and Surveying.

1969-70 **TECHNICAL ASSISTANT**. A wide range of experience in underground mining including, diamond-drilling, long-hole drilling, experimental blasting, sampling and surveying.

Additional Information:

I have written a number of technical papers and have contributed to several textbooks. Main interests: mineralogy, classical music, reading, travel and swimming.

Date of birth: 09:04:1949

Fellow No. 16658, Geological Society of London (& Registered CGeol)
Member No. 47566, Institute of Materials, Metals & Mining, (& Registered CEng)
Member No. 211388, Australasian Institute of Mining & Metallurgy
Member No. 138817, Canadian Institute of Mining & Metallurgy

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Professor K. (Keith) Atkinson PhD – Retired Principal, Camborne School of Mines, Dean of Exeter University, UK.