

AUST ASIA EXPLORATION AND MINING SERVICES P/L

ABN 30 563 494 285

Practical geologist applying experience to the mining industry

Resume

Phil Mattinson

Qualifications and Professional Affiliations

M.Sc. (Geology) (1987)
**University of Western
Australia.**

AIG (Fellow)

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Background

Phil is a geologist with experience in production, resource development and exploration in the Aust-Asia-Pacific region. During the last five years he operated as an independent geologist, involved in the implementation of both selective and bulk- mining grade control procedures and associated resource studies for open-cut gold mines in Australia.

Expertise

- **Grade Control**

Phil's production expertise has been developed from 10 years experience in grade control and all the relevant development activity associated with bringing numerous pits into production, which include geotechnical and hydrological studies, resource drill outs and subsequent manual and computer modeling.

His particular focus for the last 5 years has been the design and implementation of grade control programs for several open cut gold mines in Western Australia and the Northern Territory.

Phil's interest in structural geology has resulted in the capture of geological data from his detailed mapping, which has been utilized for grade control and resource modeling. This has invariably refined the mining method and improved the head grade.

- **Data Visualisation**

As a result of consulting to numerous mine sites Phil has utilised Surpac, Datamine, Micromine and Minemap for grade control activity. This expertise has developed the use of geological and numerical data for three dimensional grade control block modelling.

Phil has attended recent Access and Surpac Vision (V4) training courses so as upgrade those skills necessary for efficient use of grade control data for modeling and reconciliation purposes.

- **Unpublished Papers.**

1987 Structural Controls & Alteration Assemblages At The Lebong Tandai Mine Sumatra: Implications For The Genesis Of Epithermal Silver-Gold Mineralisation. Master Of Science Thesis, University Of Western Australia.