



CUBE CONSULTING



Adrian Ralph

Principal Mining Engineer

Adrian Ralph is a Principal Mining Engineer with over 20 years' experience in a combination of underground and open pit mining. Adrian is an experienced mining manager, study manager and project manager who works with clients to deliver mining projects on time and within budget. Adrian currently oversees underground mining engineering at Cube Consulting and is a Fellow of the AusIMM and Member of the AIG.

Adrian is a skilled reviewer of mining projects who provides independent reviews for due diligence and internal governance purposes. A graduate of the Western Australian School of Mines in Kalgoorlie, Adrian backs this up with a postgraduate Master of Science in Mineral Economics from Curtin University.

Adrian's experience is in gold and base metals, from world class operations to juniors. His consultative and collaborative approach to mining engineering directly benefits clients of both underground and open pit mines.

Prior to joining Cube Consulting, Adrian worked as Principal and Director of Mine Project Solutions (MPS) providing independent mining engineering and project management services. Adrian was previously Principal Mining Engineer - Project Development during the start of underground mining at Integra Mining Limited and Senior Mining Engineer during the first 1Moz mined at Newmont Boddington Gold.

Expertise

- Mining study management
- Independent Reviews for Due Diligence and Internal Governance
- Mineral Reserve QP and Ore Reserve CP
- Project management- operational and technical

Qualifications and Affiliations

- Bachelor of Engineering (Mining)
- Master of Science (Mineral Economics)
- Western Australian First Class Mine Managers Certificate of Competency
- Member of Western Australian School of Mines Alumni - WASMA
- Fellow of the Australasian Institute of Mining and Metallurgy - FAusIMM

Career Summary

December 2016 to present	Principal Mining Engineer – Cube Consulting Pty Ltd
2012 – 2016	Director and Principal Mining Engineer– Mine Project Solutions
2011 – 2012	Principal Mining Engineer: Project Development and Project Manager– Integra Mining Ltd
2007 – 2011	Senior Long Term and Closure Planning Engineer– Newmont Boddington Gold
2004 – 2007	Planning and Production Engineer– LionOre Australia Nickel Ltd
2003 – 2004	Project Engineer– Charles Hull Contracting.
1999 – 2003	Underground Operator– Henry Walker Eltin and National Mine Management

Contact Adrian

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