

Steve Collins

THE LINDSAY INGALL MEMORIAL AWARD

Sydney, August 2010

CITATION

The Lindsay Ingall Memorial Award honours the memory of Lindsay Ingall for his capacity to cross geoscience boundaries and for his enduring commitment to assist geoscientists across Australia. It is awarded to an individual who has actively promoted geophysics to the wider community. The award this year is made to Steve Collins for his energetic and enthusiastic promotion of the science and benefits of applied geophysics within the broader geological community, in particular through his involvement for over 10 years with the Sydney Minerals Exploration Discussion Group (SMEDG), and as Convener of several highly practical and successful SMEDG symposia.

To the many non-geophysicists who have worked with Steve over the years, or benefitted from presentations given by Steve, he projects a very clear understanding of the capability of geophysical technologies to provide beneficial information for resource projects. His detailed knowledge of a wide range of geophysical methods is consistently communicated in straight-forward and clear language. He provides an honest and accurate assessment of the benefits of the geophysical approach to data gathering and is meticulous in ensuring that data is collected with the highest standards of quality control and verification.

Steve recognized early in his career that it was not triple integrals that impressed geologists and managers but easy to understand diagrams and images. Steve was far more interested in making the results available to geologists in a form they could understand and use. This made geophysics, no matter how complex, accessible not only to geologists but to non technical people and hence usable and relevant.

As well as his interaction with the geological fraternity, Steve produced extensive practical notes on safety in IP surveys, many of the points having been adopted by contractors. He was also involved in the development of a 'Standard Format for the Transmission of Gridded Data'. He has given many talks to geological symposia on various applications of geophysics and has published many technical papers, which are mostly in the style of practical case histories, often co-authored by geologists.

Some examples of Steve's practical publications/presentations include:

- "Modern 3D IP Surveying" Steve Collins AIG-SMEDG Symposium, 2009;
- "Geological and Geophysical exploration for Girilambone and Tritton Copper Deposits" Steve Collins & Mike Fogarty SMEDG Presentation 1997;
- "Tritton Copper Deposit, Girilambone NSW. A Geophysical Discovery Steve Collins - 15th ASEG Geophysical Conference 2001;
- "Case history of geophysical surveys over the Golden Cross gold silver deposit" Steve Collins Exploration Geophysics Volume 20(2) 75 - 79 1989

Steve is a consultant to many junior and mid-tier companies listed on the ASX, and he is acknowledged as an expert in his field. He provides an honest and accurate assessment of the benefits of the geophysical approach to data gathering and is meticulous in ensuring that data is collected with the highest standards of quality control and verification. He also provides realistic predictions of the contribution of more sophisticated data processing and presentation.

Steve has been an enthusiastic member of geoscientific committees, most notably the NSW Sydney Mineral Exploration Discussion Group, where he has been a committee member with an active team of geologists for a decade, and has acted as convener for several of the highly practical AIG-SMEDG symposia. He created and then maintained the SMEDG web site to assist communication on SMEDG events.

His capacity to communicate effectively to geologists, engineers, managers and accountants has resulted in an increase in the implementation of the discipline of geophysics throughout Australia. His reasoned and realistic portrayal of the role and effectiveness of geophysics in many environments and applications does great credit to him, the profession and the ASEG.

He has also been an enthusiastic supporter of the ASEG since becoming a member in 1973 and has attended every ASEG Conference. Steve is a most deserving recipient of the ASEG Lindsay Ingall Award.