

Phillip Thomas BSc MBM MAIG MAIMVA

Phil focussed his Geological career in iron ore in 2003 after 4 years of computer based modelling work covering ore reserve estimation and drill hold modelling when he graduated from Australian National University. Phil was CEO of Admiralty Resources a listed mining company and President in three other Latin American mining companies. His first major assignment was mapping, structural interpretation and resource estimation of the El Tofo extension of the Compania Minera Pacific deposit near Domekoyo in region three in Chile. The work was undertaken with a senior geologist from Pacific International .



In 2004 detailed work was completed on the Santa Barbara Iron ore deposit in Chile. This involved a review of the work completed by Rio Tinto (Dr Jim Scarborough) that included a magnetic survey, resource estimation, petrological studies from eight existing mines, and sedimentary stratigraphic and drill hole analysis. Following this work, Phil reviewed the work completed by Bateman & Co a South African resources Group. From 2004-2007 he worked closely with local Geologists Jose Iqueria who has spent the last 25 years studying Kiruna and other IOCG style deposits in Northern Chile. When appointed CEO of Admiralty Resources Phil was closely involved in the work done by SRK in resource estimation which included directing a 114 drill hole program (24,000 metres in total), and four key deposits. In 2006 Phil commissioned a large pilot plant (producing 15,000 tonnes a month) and in 2007 a commercial plant producing approximately 300,000 tonnes a year with a capex of approximately \$45m. In 2008 Phil completed sales of another 250,000 tonnes of iron ore from the plant despite the capital issues encountered in the GFC. Phil implemented an internal laboratory to ensure quality control.

In 2010 he acquired a 19% interest in the Vallenar Iron Company and proceeded to produce a JORC ASX compliant Proven and Probable Resource with Principal Geologists Sue Border and Llyle Sawyer of Geos Mineral Consultants both whom have more than ten years experience in Iron ore. Phil is currently Senior Geologist for Aussem SA de CV, Vallenar Iron Company, Aussie Peru SAC (an exploration Company) and Arrowstar Resources Ltd. Phil has also been fortunate to work closely with Dr Ricardo Alonso past head of the Mines Department in Salta Argentina, and Dr Carlos Sorentino a highly skilled and experienced chemical process engineer, environmental geologist who has specialised in the evaporites and lithium brines Geology of Argentina.

Phillip is currently directing a magnetite clino-pyroxenite host project near Juneau Alaska for Arrowstar Resources Ltd where he is Vice President Exploration. He has contributed to the maiden 43-101, and is planning a drill program.