

Bicentennial Gold 88 Endowment Winners 2012

- **The University of Tasmania - CODES**

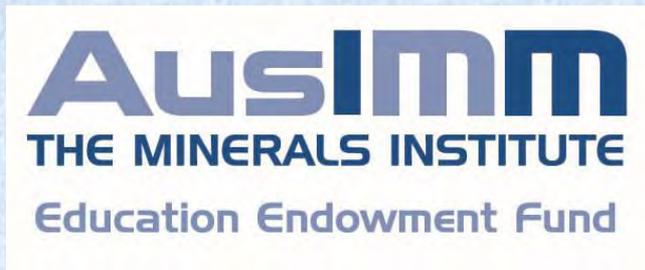
Assistance towards project costs and analyses for Ph.D. student Heidi Berkenbosch, whose research focuses on aspects of seafloor black smoker chimneys in the NW Caldera field at Brothers volcano of the Kermadec arc, especially Cu and Zn isotopes. Positive outcomes would have implications for exploration and assessment of VHMS deposits in Australia and around the world.

- **The University of Melbourne – School of Earth Sciences**

Partial assistance with costs to present an annual lecture and field course entitled Geology of Gold in association with The University of Melbourne. The course is deemed to be a useful introduction to the geology of gold with some innovative ideas and direct implications for exploration and mining of gold.

- **Monash University – The School of Geosciences**

To assist Ph.D. student Stefan Vollgger with training in Leapfrog computer software and other costs associated with the development of techniques and workflow for advanced 3D modelling to handle the complex geometry of geological structures. Any positive outcomes would provide templates for more effective exploration as well as design and output of planned mining operations.



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- **Monash University - The School of Geosciences**

Assistance with cost for Ph.D. student Benoit Saumur to attend a technical workshop on Leapfrog 3D in Perth. Attendance at the workshop, together with applicant Stefan Vollgger, will help create a pool of expertise in the use of Leapfrog 3D at the School of Geoscience, Monash.

- **The University of Melbourne – School of Earth Sciences**

To assist Ph.D. student Andrea Giuliani with SEM investigations of magmatic fluids in mantle xenoliths entrained by kimberlite magmas. This basic research could assist diamond exploration through the study of mantle xenoliths and help understand the formation of native metals and ore minerals in peridotitic massifs as well as Fe-Ti oxide melts.

