



Yvette Poudjom Djomani

Senior Geophysicist

Profession:	Senior Geophysicist
Education:	BSc, 1987, University of Yaounde, Cameroon Masters, 1989 University of Paris Sud, France PhD, 1993, University of Paris Sud, France Grad Cert in Leadership and Management, Macquarie University, Sydney Australia
Registrations/ Affiliations:	Active member of Australian Society of Exploration Geophysicists Active member of the American Geophysical Union

Specialisation: *Processing, enhancement and modeling of magnetic & gravity data*

Expertise:

- Processing, enhancement and interpretation of gravity and magnetic data
 - Modelling of gravity and magnetic data
 - Spectral analysis of potential field data
 - Mapping of lithospheric domains from a combined interpretation of gravity, topography, seismic and heat flow data
 - Structural interpretation of geophysical data using edge detection techniques.
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Knowledge Areas: *Africa, North America, Australia*

Yvette Poudjom Djomani has over 15 years of experience in geophysical (mainly potential field) modelling, using the analysis of gravity, topography and magnetic data, integrated with geochemical and mantle petrology data to delineate major lithosphere domains and their possible control on the location of large ore bodies. Such studies were completed for areas in Africa, western USA, Canada, Europe and Australia.

Yvette also uses industry standard geophysical processing and imaging software to prepare and interpret geophysical maps / imagery. She performs data processing and filtering, 2D modelling (potential field) of cross sections, interpretation of seismic data to assist in the better integration and understanding of the geology, tectonics and mineral systems.

Employment Record:

2008 – Present	FrOG Tech , Senior Geophysicist, Canberra Australia
2006-2008	NSW Department of Primary Industries , Geophysicist, Maitland, Australia
1997-2008	Macquarie University , Post-Doctoral Research Fellow in the Department of Earth and Planetary Sciences, Sydney, Australia
1994-1997	University of Leeds and Getech , Post-Doctoral Fellow and geophysicist, Leeds, UK

Languages: English, French