

RENATO CORDANI

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Experience	RECONSULT GEOFÍSICA – MANAGING PARTNER GEOPHYSICIST
1995 – 2010	<ul style="list-style-type: none">• Founder of the company (www.reconsult.com.br) in March 1995.• Reconsult has been appointed by most mineral exploration experts in Brasil as their best Solution Provider in Geophysical Data Processing and Interpretation.• Collaborated on finding several mineral deposits around the World.• Published several technical papers concerning mineral exploration and airborne surveys.• Collaborated with hundreds of projects, performing the following roles:<ul style="list-style-type: none">• Strategies for Mineral Exploration, survey design, execution and decision making.• Consultancy: from understanding the client objectives to delivering the final report.• Data integration and drill hole location using GIS systems (Mapinfo, Arcview).• Ground geophysics: acquisition, processing and interpretation of most methods applied to mineral and oil/gas exploration. (clients)• Airborne geophysics: processing and interpretation of most methods applied to mineral and oil/gas exploration. (clients)• Pre-processing and final processing for geophysical airborne companies.
1994 – 1995	RIO TINTO EXPLORATION – GEOPHYSICIST Mineral exploration geophysicist with the following responsibilities: <ul style="list-style-type: none">• Monitoring, raw data processing and interpretation of airborne geophysical surveys.• Field operation: Induced Polarization, magnetics, electromagnetics and electric methods.• Ground data processing.• Correlated interpretation with local geochemistry and geology.• Location of drill sites.
Education	INSTITUTO ASTRONÔMICO E GEOFÍSICO DA UNIVERSIDADE DE SÃO PAULO
2003 – 2008	PhD in geophysics with the following thesis: "Virtual Pole from Magnetic Anomaly (VPMA): a procedure to estimate the age of a rock from its magnetic anomaly only".
1995 – 1997	INSTITUTO ASTRONÔMICO E GEOFÍSICO DA UNIVERSIDADE DE SÃO PAULO Ms.Sc. degree in geophysics , with the following essay: "Experiment design in geophysics using the inverse theory. Applications in kimberlite exploration".
1988 – 1993	INSTITUTO ASTRONÔMICO E GEOFÍSICO DA UNIVERSIDADE DE SÃO PAULO Graduation in geophysics.
Main published papers	<ul style="list-style-type: none">• Cordani, R. 2010. Modelamento gravimétrico tridimensional do baixo anômalo de ar-livre da Bacia de Santos. IV Simbfgf .• Cordani, R. & Shukowsky W. 2009. Virtual Pole from Magnetic Anomaly (VPMA): a procedure to estimate the age of a rock from its magnetic anomaly only. Journal of Applied Geophysics, October, 69(2):96-102.• Cordani, R. 2009. Magnetização remanescente: um parâmetro crucial para a interpretação e modelamento de anomalias magnéticas em território brasileiro. Brazilian Journal of Geophysics, 27(4): 659-667.• Drilling directly from a magnetic airborne fixed wing survey: is it possible? A proposed criterion and a real example. 11^o CISBGF.• Cordani, R. 2005. Um critério para escolha da direção de linhas de vôo em aeromagnetometria no Brasil. 9^o CISBGF.• Cordani, R. et al. A Case History: Kimberlite Diamond Exploration in Rondonia State, Western Brazil. 5^o CISBGF.• Cordani, R & Mendonça, C. Planejamento de Levantamentos Magnetométricos Usando a Teoria dos Problemas Inversos. 5^o CISBGF.
Other activities	<ul style="list-style-type: none">• Invited speaker for presentation at several Universities: (IAG-USP, IG-USP, UFOP, UFRGS, UFPR, UERJ and others).• Honored as "Department 2008 Best Thesis" (PhD).• Counselor of the Brazilian Geophysical Society (SBGf) (2009 – present).• Director of the Brazilian Geophysical Society (SBGf) (2001 – 2005).• Member of SBGf, SEG and KEGS.• Languages: Portuguese (native language), English (fluent), Spanish (reading).• Sports: professional swimmer from 1987 to 1993; Ironman Triathlete (Florianópolis 2001).