

## CURRICULUM VITAE

**Name:** Eduardo Henrique  
**Profession:** Geophysicist  
**Qualification:** B. Sc in geophysics - University of São Paulo - Brazil  
**Years of Experience:** More than 15 years as exploration geophysicist in mining industry  
**Languages:** Portuguese and English fluently  
**Civil state:** Married  
**Nationality:** Brazilian  
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**Synopsis:** Eduardo Henrique is an exploration geophysicist with more than 15 years of experience in the geophysical industry. He has a degree in geophysics at the São Paulo University in Brazil and a post graduation course at Curtin University in Australia. Since his degree in 1994, he is involved in acquisition, processing and interpretation of almost all geophysical methods applied to mineral exploration. During his carrier, he has developed solid skills in mineral exploration interpretation and in airborne data processing. In the mineral industry, he has worked as consultant for the most important mining companies acting in Brazil in contracting, controlling data quality, processing and interpreting of ground and airborne geophysical data. In the airborne industry, Eduardo processed and supervised more than 500 thousand kilometers of airborne magnetic, gradiometric and gammaspectrometry data and more than 50 thousand kilometers of helicopter EM (VTEM system) data. In 2000, he joint Reconsult Geofísica, as a partner, a company that later became an important reference in the Brazilian geophysical mining and airborne business. Eduardo combines his large and diverse technical experience with well proved management skills and good interpersonal team approach.

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<b>Career History:</b> (in geophysics)	RECONSULT GEOFÍSICA (as partner)	2000 – Present time
	CURTIN UNIVERSITY – AUSTRALIA	1999
	RECONSULT GEOFÍSICA	1998
	GEOTEC	1996-1998
	WESTERN MINING CORP.	1995
	UNIVERSITY OF SÃO PAULO - BRAZIL	1990 - 1994

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**Working Experience:** **PARTNER GEOPHYSICIST OF RECONSULT GEOFÍSICA**  
**São Paulo, SP, Brazil (2000-Present time)**  
At RECONSULT GEOFÍSICA, Eduardo has been working as data processing and data interpretation geophysicist for the major exploration and airborne companies that acted or is acting in Brazil. Some of the RECONSULT clients during these years are: Vale, Votorantim Metais, Rio Tinto, Knross, Serra Grande

### Mineral exploration

- During the years with RECONSULT Eduardo has been conducting geophysical interpretation projects of airborne (VTEM, grav, AGG, mag and gamma) and ground data (TEM, BHEM, IP, resistivity, magnetics and gravity) and geology, geochemistry and geophysics data integration for the majority of the mining companies that are exploring iron, gold, base metal and other commodities in the Brazilian territory. Eduardo is also involved in data quality control and training projects. Some of the clients that Eduardo works and worked with are: Vale, Votorantim Metais, Kinross, IamGold, Mineração Serra Grande, GME4, Codelco and others.

### Airborne division

- Partnership with MicroSurvey / GEOTECH (2007 – 2009)

Eduardo was trained in early 2007 at GEOTECH Canadá and South Africa to be the QC supervisor and data processing manager of two VTEM systems that were on duty in Angola and in South America. Besides the processing skills that were developed, the interaction with the Geotech technical staff was a valuable opportunity to improve his VTEM interpretation and modeling capability.

- Partnership with Aerogeophysica LatinoAmerica (2004 - 2006)

During this period Eduardo trained the AGPLA geophysicists on airborne gravity, mag and gamma data quality control and data quality processing. He was also involved in internal QC of the 750 thousand linear km data that was been acquired by AGPLA over the Parnaíba Basin in Brazil. He was also involved in an internal project that compared the GT1A and GRAVITON air gravity platforms and in the final processing of the gamma and magnetic data that was acquired in a joint venture with Prospectors.

- Partnership with Prospectors (2003 – 2006)

Eduardo was responsible to nationalize the processing of the magnetic gradiometer airborne system that Prospectors brought to Brazil. He also improved the gradiometer processing flow and trained Prospectors' employees to conduct the processing and quality control in the field. During this time he directly processed airborne data and supervised Reconsult's and Prospectors' geophysicists in the field. The Reconsult-Prospectors partnership had large success during government (CPRM, CODEMIG and others), and mineral exploration airborne projects (Falconbridge Brazil, CVRD, and others).

- Partnership with Megafísica (2000 - 2001)

Data processing manager of Megafísica during the Minas Gerais State airborne gamma and mag project (phase I) for CODEMIG and other small airborne projects. During the government project he personally processed and presented 106 thousand linear km of airborne geophysical data to the Minas Gerais state.

### **FIELD GEOPHYSICIST OF RECONSULT GEOFÍSICA**

**São Paulo, SP, Brazil (1998)**

Field geophysicist for several magnetic and radiometric ground surveys for CVRD at Carajás region.

### **FIELD GEOPHYSICIST & SEISMIC INTERPRETER OF GEOTEC**

**São Roque, SP, Brazil (1996-1998)**

Field geophysicist for electrical and refraction surveys for several engineer and groundwater projects. Interpreted many refraction and electrical data.

### **FIELD GEOPHYSICIST FOR WESTERN MINING CORP.**

**Rio de Janeiro, RJ, Brazil (1995)**

Field geophysicist and data processor of gravity, magnetics, TEM and IP for gold and base metal exploration in Brazil.

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**Academic Experience:** CURTIN UNIVERSITY  
Perth, WA, Australia (1999)  
Post graduation course in applied geophysics for mineral and groundwater exploration. One-year course.

UNIVERSITY OF SÃO PAULO  
São Paulo, SP, Brazil (1990 –1994)  
Graduation diploma in geophysics.

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**Published papers as principal writer and/or oral presentations at Brazilian congresses and symposiums**

- ◆ (1994) “Técnicas geofísicas aplicadas na determinação da morfologia da lagoa Campestre, Minas Gerais”.
- ◆ (1994) “Contribuições das técnicas de perfilagem geofísica de poço no estudo do subgrupo Itararé na região de Capivari – Rafard, São Paulo”.
- ◆ (1995) “Gravity and height data acquisition and quality control: how accurate can be a gravity survey using digital barometers?”
- ◆ (2003) “Contributions for the geological mapping of the Morro do Pilar, Serro e Guanhões region using high resolution geophysical airborne data.”
- ◆ (2005) “An example of the utilization of measured transverse gradient in the improvement of the resolution airborne magnetic images in low magnetic latitudes”.
- ◆ (2008) “The importance of petrophysical information in the exploration strategy decisions”.
- ◆ (2009) Aplicação conjunta dos métodos eletromagnéticos aéreo (VTEM) e de furo na pesquisa de níquel sulfetado em Goiás.
- ◆ (2009) Processamento e interpretação de dados eletromagnéticos aéreos do sistema VTEM no Brasil.
- ◆ (2010) A influência do regolito no mapeamento do embasamento rochoso através de métodos geofísicos.

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**Computer Skills:**

Geosoft Oasis Montaj (advanced)  
Maxwell EM Modeling (advanced)  
ModelVision Pro Grav and Mag Modeling (advanced)  
UBC modeling of gravity and magnetics (advanced)  
Zonge TS2DIP modeling IP and resistivity software (advanced)  
Geosoft drillhole plot (advanced)  
and others

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