



HUGO LEONARDO ALVES DOS SANTOS

Geoprocessing/GIS and Database

PROFILE

Age: 37 years old

Berth: 31/10/1986

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SOFTWARE

ArcGIS
Target for ArcGIS
Corel Draw
ENVI
Auto Cad
Microsoft Access
STOR – Gerenciamento de dados
JAZIDA – Direitos Minerários
SAP – Suprimentos

EDUCATION

2004-2008
Goiânia-GO
Dipl. Geoprocessing
Instituto Federal de Educação, Ciência e Tecnologia de Goiás (IFG)

COURSES

07/2008
São Paulo-SP
Oasis Montaj - Geosoft
Geochemical and Geophysical data processing, Kriging, use of filters, and assembly of map layouts.)

07/2017
Conceição do Araguaia-PA
Target for ArcGIS & Geochemistry - Geosoft
Preparation of Geological Kriging sections and modeling of Geochemical data.

11/2020
Conceição do Araguaia-PA
Jazida – Software Mineral Rights
Monitoring of Processes, Consultations and reporting of Obligations, Internal movements of the ANM

11/2020
Conceição do Araguaia-PA
STOR – Documents Management
Document upload and validation, Approval flows

07/2022
Conceição do Araguaia-PA
Leapfrog Geo - Seequent
Essential Concepts - Interface, Data validation, Basic geological modeling, Geological sections.

PROFESSIONAL EXPERIENCE

08/2013 -
05/2024
Conceição do Araguaia / Canaã dos Carajás - PARÁ

HORIZONTE MINERALS

GIS and Database Coordinator

Araguaia Project- PA

- EIA/RIMA (Environment Licence), NI-43101, Pre-Feasibility Study (PFS), Feasibility Study (FS), Value Engineering (VE) and Implementation.

Vermelho Project - PA

- EIA/RIMA (Environment Licence), Pre-Feasibility Study (PFS), Feasibility Study (FS)

Missions and tasks performed:

Database – Database structuring: - Process and data mapping; Standardization of terms, hole names, samples, dispatch letters, reports, normalization of tables, reference list items, etc.;; Creation of the multi-user Database System (Access) with automatic validation routines;

Implementation, team training and assisted operation; Implementation of operationalization routines and preparation of the software manual.

Database Administrator - Responsible for the integrity of raw field data, dispatch, laboratory monitoring, import of analytical certificates and data processing and integration.

GIS/Geoprocessing – Processing and elaboration of products: Support for all disciplines of the company, from Geology, Mining to Engineering, Processes and Sustainability, therefore, all areas without exception request information and products such as maps, validation of georeferenced data, generation and processing of data for both the owners team and also for consultancies.

Mineral Rights – Area monitoring; Restructuring of area monitoring, Process Mapping and responsibilities matrix; Monitoring of publications and events; Support in the management of ANM obligations; Organization of physical and digital documents of the company's assets; Daily, weekly and monthly reports with the main events, legislation on assets in ANM;

LUNA GOLD CORPORATION

GIS and Database Coordinator

Aurizona Project - MA

- Exploration Brownfield & Greenfield

10/2011 -
12/2012
Godofredo Viana -
MARANHÃO

Missions and tasks performed:

Implementation and administration of the Database (SGBD) applied to mineral exploration and implementation of standardization in field data management and ensuring, together with field teams, the updating and quality of the drilling database, soil, terrestrial geophysics surveys, topography, between others;

Development and coordination of GIS projects applied to mineral exploration, including generation and periodic updating of geological, geochemical and geophysical bases and sections and applying modern techniques in the digital processing of optical satellite and radar images focused on regional integration of the geochemical database, geology and geophysics aimed at generating and prioritizing research targets for gold and other elements;

Weekly/monthly reports relating to the progress and results of the exploration program, including the generation and integration of geochemical, geophysical grids and geology data and promoting the interaction of different disciplines supporting mineral exploration research, in the technical and geological areas; Internal team training.

BEMISA – BRASIL EXPLORAÇÃO MINERAL

GIS and Database Analyst

Nickel Cana Brava Project - GO

- Exploration

06/2008 -
10/2011
Minaçu -
GOIÁS

Missions and tasks performed:

Banco de Dados – Database – Database structuring: Process and data mapping; Creation of the Database System (Access) With automatic validation routines; Implementation, team training and assisted operation; Implementation of operationalization routines.

Local Database Administrator - Responsible for the integrity of raw field data, dispatch, laboratory monitoring, import of analytical certificates and data processing and integration.

GIS/Geoprocessing – Processing and elaboration of products:

Support for all company disciplines, information and products such as maps, validation of georeferenced data, generation and processing of data for both the owners team and consultancies.

AMAZONIA MINERAÇÃO

GIS and Database Analyst

All Projects Support

- Exploration

08/2006 -
06/2008
Goiânia -
GOIÁS

Missions and tasks performed:

Handling and auditing Geochemical and QA/QC data;

Historical data recovery;

Request for new areas for research with the ANM;

GIS support for field staff and owners team

Support in creating a Database System applied to mineral exploration;