

JESSIE JAMES LASCONIA

Licensed Geologist (PRC No. 1709)

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Professional Profile

A highly skilled and licensed geologist with over **14 years of experience** in mineral exploration and mine geology, specializing in **Nickel Laterite, Epithermal Gold-Silver, VMS (Volcanogenic Massive Sulphide), Porphyry Copper-Gold and Coal deposits**. Recognized for strong analytical and critical thinking skills, leadership, and expertise in geological mapping, resource estimation, and grade control. Proficient in industry-standard software such as **Surpac, QGIS, ArcGIS, and MapInfo**. Adept at managing exploration projects, supervising field operations, and delivering high-quality technical reports.

Core Competencies

- Mineral Exploration & Resource Estimation
- Geological Mapping & Sampling
- Drilling Supervision & Core Logging
- Database Management & QA/QC Protocols
- GIS Software (ArcGIS, QGIS, MapInfo)
- Surpac Software for drill hole database and Resource Estimation
- Leadership & Team Management
- Technical Reporting & Data Interpretation

Professional Experience

Senior Exploration Geologist

Pax Libera Mining Inc. (May 18, 2017 – Present)

Projects: Singcara Nickel Project (Languyan, Tawi-Tawi), Carmen Nickel Project (Surigao del Sur), Botolan Nickel Laterite Project, San Rafael Aggregates Project (Limestone, Sultan Kudarat), Samar Aggregates Project, Gold-Cu Assessment (Maguindanao)

- Conducted geological fieldwork, including mapping, geochemical surveys, test pitting, and sampling to assess potential mineral deposits.
- Supervised exploration drilling operations, core logging, and sampling, ensuring compliance with QA/QC protocols.
- Prepared detailed technical reports and resource estimations using **Surpac, ArcGIS, and MapInfo**.
- Validated exploration databases and ensured accurate data management.

- Delivered weekly progress reports and recommendations to stakeholders.

Mine Geology / Grade Control Geologist

Agata Mining Ventures Inc. (Subsidiary of TVIRD) (July 1, 2014–May 16, 2017)

Agata Nickel Laterite Project, Jabonga, Agusan del Norte

- Managed and maintained ore flow databases, including face sampling, pre-pile sampling, truck sampling, and stockpile validation.
- Carried out routine ore control and grade tracking to maintain production standards.
- Developed material blending strategies to meet required Ni/Fe ratios for Saprolite and High Iron Ore shipments.
- Implemented accountability policies for stockyard management, addressing issues such as moisture control and tarpaulin usage.
- Performed daily ore control and grade monitoring activities.
- Collaborated with mine planning and production teams to enhance ore recovery and minimize material loss.
- Trained and supervised grade control personnel to minimize ore dilution and optimize extraction processes.

Sr. Exploration Geologist

TVI Resource Development Phils. Inc. (TVIRD) (July 10, 2011 –June 30, 2014)

Projects: Balabag Epithermal Gold-Silver Project, Pacominco Epithermal Gold Project, Malusok Volcanogenic Massive Sulphide Project, Tamarok Porphyry Copper Project

- Conducted geological mapping, and Geochem sampling, and field programs
- Conducted diamond drilling supervision and management.
- Conducted detailed drill core logging, geotechnical logging, sampling and data management including QA/QC.
- Leveraged advanced geological software (e.g., Map Info Discover, Microlynx, Surpac) to analyze and interpret complex geological datasets
- Core house management
- Compiled and presented comprehensive exploration reports to executives and stakeholders, supporting data-driven decision-making.
- Supervised/mentored junior geologists and field labor and ensured the efficient execution of exploration programs.
- Monitored and ensured strict adherence to regulatory and safety standards, driving a proactive safety and sustainability mindset.
- Maintained effective communication with local government officials, landowners, and colleagues.
- Assist and support other site activities as required.

Geologist- Engineering Section Coal Operations Group

Philippine National Oil Company Exploration Corporation (PNOC-EC) (March 25, 2010 – July 3, 2011)

Project: Malangas Coal Project

- Planning & Implementation of coal geological surveys and exploration programs.
- Oversee field implementation of exploration programs including the periodic submissions of progress reports, maps, sections, etc. required by the Department of Energy, Department of Environment and Natural Resources and other related agencies.
- Conduct field data gathering activities (e.g. geologic field mapping/sampling), as required.
- Analyze and interpret assorted geoscientific data such as core logs, diagrams, maps, sections, etc. in support of the Coal Project Management.
- Prepare appropriate technical, graphical, and digital diagrams, figures, maps, sections and reports.
- Conduct underground geologic mapping of PNOC EC large scale coal mines (ILB Mine 1 and Mine 2).

Junior Geologist - OJT (360 Hours)

Nickel Asia Corp. (Taganito Mining Corporation) (2007)

Claver, Surigao del Norte

- Assisted in drilling, core logging, and sample preparation for nickel laterite prospects.
- Gained hands-on experience in assay lab operations and mine geology/grade control.

Education

Bachelor of Science in Geology

Negros Oriental State University (2005 – 2009)

- **9th Placer**, Geology Licensure Exam (2009)

Training & Certifications

- **Map Academy: taking QGIS to the next level** – (September 24, 2024)
- **Map Academy: Get Mapping Quickly, with QGIS** – (September 12-13, 2024)
- **ArcGIS vs ArcGIS Pro Level 1: Fundamental** – (August 31, 2024)
- **Advanced Block Modelling and Resource Estimation** – (August 27, 2024)
- **Learn GIS with ArcGIS Pro Training** – Certificate of Completion (Aug 26, 2024)

- **Coordinate Reference Systems, Projections, and Spatial Data Representation-** GeoUniversity (*Aug 14, 2024*)
 - **Surpac Resource Estimation Training (5 Days) – Completed** (*March 2023*)
 - **Resource Estimation, Mine Planning & Pit Optimization – Gemcom Surpac & Microlynx** (*2017*)
 - **Basic Life Support Training, Standard First Aid and Mass Casualty Management (5 Days) – Completed** (*2017*)
 - **MapInfo Discover & 3D Discover Training (5 Days) – Completed** (*Nov 26-Dec 01, 2012*)
 - **TVIRD Exploration Summit** (*Feb 13-17, 2012*)
 - **Effective Writing Skills Workshop** (*2010*)
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Professional Affiliations & Conferences

- Annual Geological Conference (GeoCon) –*2024, 2020, 2018, 2012*
 - Exploration for and Discovery of Porphyry Copper and Epithermal Gold Deposits – *UP NIGS (2018)*
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Technical Skills

- **GIS Software:** ArcGIS, QGIS, MapInfo
- **Mining Software:** Surpac, Microlynx
- **Database Management:** Discover Database
- **Technical Reporting & Data Analysis**
- **Project Management & Leadership**