

VINCE RABIN S. CANDIDATO

Summary: Engineering and Mine Geologist with more than 5 years of experience worked with the technical team focused on tunnel (NATM) and shaft construction by drill and blast, surface to underground structural and geological mapping, and geological interpretation in relation to the production and operation of underground and surface mining (Au+Ag). Excellent communication skills and interpersonal skills; ability to work with all levels of an organization as well as independently or in a team environment to meet project deadlines.

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Languages

English - Professional

Filipino - Native

Skill Highlights

CORE SKILLS:

- Excellent in structural, geological, and geotechnical mapping both on surface and underground.
- Proven experience in tunnel works and operations, specially NATM.
- Strong background in mining operations and mineral deposits.
- Proficient at rock identification and classification.
- Robust knowledge in core logging (epithermal and porphyry) and geotechnical engineering.
- Good writing and technical skills to prepare and/or perform technical reports.

Experience

Geotechnical Geologist December 2023 - Present Greenstone Resources Corporation | Surigao City, Philippines

- Open pit stability assessment and design including field investigation programs, structural analysis, kinematic assessments, rock mass characterization, slope stability analysis, and development of design criteria.
- Assessment and remedial design for complex modes of slope instability including assessment of slope monitoring data, evaluation of monitoring thresholds, slope failure prediction, development of safe operating procedures (SOPs), and trigger action response plans/procedures (TARPs).
- Experience with basic to advanced geotechnical software such as Dips, unwedge, and Slide2.
- Performs rock-mass stability assessment using Q-system/ Rock Mass Rating for rock support determination on special project such as Tunnel Decline.

Engineering Geologist October 2022 – December 2023 Prime Metro BMD Corporation | Manila, Philippines

- Spearheaded structural mapping and geotechnical drilling campaigns for tunnel rock support classification - probehole planning and procedures, logging and sampling implementation, and data processing.
- Works in execution of the Water Conveyance Tunnel Project by NATM under the Technical Department.
- Conducts and improved geological mapping of all excavations (tunnels, shaft, road cuts, slopes) according to the international standards.
- Performs rock-mass stability assessment using Q-system/ Rock Mass Rating for rock support determination.

SOFT SKILLS:

- Time management skills to personally plan work and execute large studies – meeting goals within time constraints.
- Flexibility to work on a multitude of diverse projects, a positive attitude, and a willingness to learn new skills.
- Well-developed communication and presentation skills (oral and written).
- Team player with excellent listening skills and diplomacy; willing to work with multiple different colleagues on a variety of initiatives.

- Oversee the geotechnical explorations including but not limited to soil and rock corings, test pits, and laboratory testing.
- Spectates the installation phase and interprets geotechnical instrumentation results such as inclinometer and convergence prisms.
- Assists in Quality Control on the installation of tunnel support measures and grouting.

Junior Exploration Geologist May 2022 – October 2022
Manila Mining Corporation | Surigao Del Norte, Philippines

- Detailed structural, geological, and geotechnical core logging of porphyry au-cu deposit prospect.
- Responsible for the geological (geochemical) sampling of drill core as per company procedure and ensured all aspects of sample preparation are compliant with the company’s standard operating procedures.
- Lead the geological and geotechnical mapping.
- Prepared daily drilling reports and weekly presentation reports for the exploration manager.
- Optimized the cost of drilling activities by 5% through proper review of the daily and monthly billing invoice sheet in accordance with the service contract agreement between the company and contractor (MDGI).

Mine Geologist July 2020 – May 2022
Philsaga Mining Corporation | Agusan Del Sur, Philippines

- Lead the mining engineers, supervisors, and foreman about the rock mass and ground condition of tunnels, shafts, winzes, and stopes.
- Responsible in providing the credible source of ore (gold) to attain and/or exceed the monthly grade and tonnage quota of the company.
 - ✚ Acted as principal geologist responsible for extending-the mine life of depleted levels (Level 4, Level 5) in the Co-O mine by developing and implementation of sampling and grade control procedures to ensure optimum exploitation of ore with minimal dilution.
- Improved underground geological and structural mapping activities related in the production and geological control of ore and waste delineation.
 - ✚ Facilitated and conducted daily mapping of tunnels, winzes, stopes, and raises developments for precise vein extent interpretation and mineralization.
- Development in the mine’s short to long term planning and execution schedule in accordance with the mine planning department.

Softwares

- Surpac ●●●○○
- Slide ●●●○○
- Dips/Unwedge ●●●○○
- ESRI ArcGIS ●●●○○
- Quantum GIS ●●●○○
- AutoCad ●●●○○
- MapInfo ●●●○○
- Microsoft Office ●●●○○
- HEC-RAS ●●●○○

Education

Mapua University | Philippines
 S.Y. 2012-2018

- Bachelor of Science in Geology
- Bachelor of Science in Geological Engineering

Qualifications

- Philippine Regulatory Commission (PRC) Licensed Geologist

Trainings/Seminars & Workshops

- The 2nd Philippine Roads, Bridges and Tunnels Summit via Zoom
15-16 August 2022
- Virtual GEOSEA XVI and GeoCon 2021, Geological Society of the Philippines
6-8 December 2021
- Basic Occupational Safety and Health, Semirara Mining and Power Corporation
August 2019
- Groundprobe: Slope Stability Radar Semirara Mining and Power Corporation
August 2019

References

Phil Aitken

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Craig Panther

Consultant – Manila Mining Corporation
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Others

- Operates drone for mapping.
- Licensed driver

Mine Geologist

February 2019 – May 2020

Semirara Mining and Power Corporation | Antique City, Philippines

- Assigned at the Molave Pit cut-off wall dredging.
 - ✚ Acted as principal geologist in this project to prevent water seepage.
 - ✚ Prepared 2D and 3D cross-section maps.
- Managed the drilling and installation phase of piezometer wells along Molave and Narra pit.
 - ✚ Planned and designed the location of a piezometer tip.
- Oversee the installation and maintenance of geotechnical monitoring tools (e.g. prisms and extensometers) for slope stability of Molave and Narra pit.
- Performed geological field mapping, sampling, and geophysical activities including:
 - ✚ Geophysical logging (natural gamma) using Geologger-GWS equipment and borehole camera logging.
- Provided an assistance in the establishment of Robotic Total Station (RTS) and Slope Stability Radar (SSR) operator for data analysis and interpretation.
 - ✚ Correlated RTS and SSR data with geotechnical field investigation to analyze slope/or pit walls movement.
- Submission and preparation of geotechnical reports, maps, and geological cross sections.

Geologist Internship

March 2017 – April 2017

OceanaGold Philippines Incorporation | Nueva Vizcaya, Philippines

- Didipio decline tunnel hazard assessment.
- Conducted structural and geotechnical core logging.
- Performed reconnaissance geological mapping along Didipio exploration area.
- Analyzed drill cuttings from Reversed Circulation (RC) rig.
 - ✚ Chip logging of rock fragments based on their lithology, mineralization, and alteration.
- QAQC of rock samples subject for laboratory and assaying functions.