

We are on a journey of cultural transformation, focused on people, and seeking to enhance diverse talents. Shall we do this together?

Join our diverse team.



Position:

Junior Mineral Resources Inventory Geologist

Work Location: **Sorowako**

For National Recruitment

Purpose of the Role

To perform ore modeling and mineral resource estimation activities that support PTVI's Growth Plan and Life of Mine (LOM) strategy. The position ensures the accurate and timely delivery of the annual Mineral Resource & Mineral Reserve (MRMR) reporting, which serves as a cornerstone for PTVI's strategic planning and long-term decision-making. By aligning resource insights with the company's growth objectives, this role contributes to the sustainable development and optimization of PTVI's mineral assets.

Accountabilities:

1. Execute the validation process for all required supporting data in the mineral resource modeling workflow, ensuring data integrity and maintaining the quality of the resulting block model and resource estimation.
2. Perform mineral resource modeling activities as directed, contributing to the annual MRMR reporting and mineral resource studies, which form the foundation for mine production planning and the company's strategic growth initiatives.
3. Prepare technical reports documenting block modeling results and coordinate with peers for reviews to ensure a transparent, traceable process for audit compliance.
4. Support governance technical reports such as RKAB and Feasibility Studies as part of the corporate governance compliance process.
5. Carry out studies and designated processes to implement audit recommendations and improve the mineral resource estimation process, aligning with best practices and the outcomes of MRMR readiness assessments.
6. Maintain and manage PTVI's mineral resource and mineral reserve database, ensuring robust data security and improved accessibility to support operational and strategic geological needs.
7. Develop a solid understanding of the unique geological characteristics of each deposit within PTVI's endowment, applying this knowledge to support resource modeling, strategic growth planning, and decision-making processes.



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Requirements:

- Minimum bachelor's degree in Geology Engineering.
- Minimum 1 year of experience in laterite nickel or mineral deposit projects.
- Preferred to have knowledge of geology and laterite nickel deposits, including related mineralogy, ore types, and their characteristics.
- Ability to conduct geological correlation and interpretation to understand deposit variability.
- Ability to manage geological databases with a focus on data integrity and accessibility, perform geological assessments to support resource estimation and strategic planning, and possess an understanding of geostatistics, including the application of statistical methods for resource estimation.
- Understanding geostatistics, including the ability to apply statistical methods for resource estimation, as well as knowledge of geological modeling and mineral resource estimation, including block modeling.
- Understanding of exploration drilling processes, including core logging and sampling, as well as geological sampling methods and techniques to ensure accurate mineral quality analysis.
- Knowledge of geological sampling methods and techniques to ensure reliable mineral quality analysis.
- Familiarity with mining and geological software such as RES2DINV, Vulcan, Datamine, Surpac, Leapfrog, Snowden Supervisor, ArcGIS/QGIS, MapInfo, ER Mapper, and Surfer.
- Understanding of Python programming, including script development for data analysis, automation, and integration with geostatistical and geological modeling software.
- Understanding technical reporting, particularly Internal Technical Reports, RKAB (Work Plan and Budget), Front-End Loading (FEL), and Feasibility Study reports.
- Knowledge of reconciliation is preferred.
- Possession of POP (First-Line Operational Supervisor) certification is preferred.
- Preferable have experience or knowledge in the Occupational Health, Safety and Environment Management System (SMK3L).



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Terms and Conditions:

- Please submit your application to <https://s.id/1vF0LtYT>
- Closing date (inclusive) is **October 25, 2026**
- Only applicants that meet requirements with complete documents as required above will be notified for further selection process.
- We support diversity and inclusion in the workplace; therefore, we invite prospective female workers to apply for this position.
- **Be careful with fraud, PT Vale Indonesia posts job vacancies information only to trusted third parties by including clear and detailed information, including invitations to the next stage via email with @valeindonesia.com domain. We do not collect any fees from prospective employees, neither money transfer nor cash.**
- For further information about PT Vale Indonesia Tbk, please visit <http://valeindonesia.com/indonesia>.



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