

DAFTAR PUSTAKA

- Brodny, J., & Tutak, M. (2019). Analysing The Utilisation Effectiveness of Mining Machines Using Independent Data Acquisition Systems: A Case Study. *Energies*, 12(13). <https://doi.org/10.3390/en12132505>
- Darling, P. (2023). *SME Underground Mining Handbook*. Society for Mining, Metallurgy & Exploration, Incorporated. Littleton : Society for Mining, Metallurgy & Exploration, Incorporated.
- Elevli, S., & Elevli, B. (2010). Performance Measurement of Mining Equipments by Utilizing OEE. *Acta Montanistica Slovaca Ročník*, 15(2), 95–101. <https://www.researchgate.net/publication/47517712>
- Freeport McMoran. (2022). *Technical Report Summary of Mineral Reserves and Mineral Resources for Grasberg Minerals District*.
- Gutiérrez-Diez, J. C., Castañón, A. M., & Bascompta, M. (2024). New Method to Study the Effectiveness of Mining Equipment: A Case Study of Surface Drilling Rigs. *Applied Sciences (Switzerland)*, 14(5). <https://doi.org/10.3390/app14052185>
- Henage, L. F. (1993). Mesozoic and Tertiary Tectonics of Irian Jaya: Evidence for Non-Rotation of Kepala Burung. *Proceedings of 22nd Indonesian Petroleum Association*, 1, 763–792.
- Hustrulid, W. A. ., & Bullock, R. L. . (2001). *Underground Mining Methods : Engineering Fundamentals and International Case Studies*. Society for Mining, Metallurgy, and Exploration.
- Jakkula, B. R., Mandela, G., & Murthy, S. C. (2018). Improvement of Overall Equipment Performance of Underground Mining Machines - a Case Study. *Modelling, Measurement and Control C*, 79(1), 6–11. https://doi.org/10.18280/mmc_c.790102
- Jimeno, C. L., Lopez, E., & Francisco, J. (1995). *Drilling And Blasting Of Rocks* (Vol. 41). Geo-Mining Technological Institute of Spain.
- Khodayari, F., & Pourrahimian, Y. (2015). Mathematical Programming Applications In Block-Caving Scheduling: A Review of Models And Algorithms. *International Journal of Mining and Mineral Engineering*, 6(3), 234–257. <https://doi.org/10.1504/IJMME.2015.071174>
- Kondyla, D., Pavloudakis, F., Kapageridis, I., Barakos, G., Roumpos, C., & Agioutantis, Z. (2025). Effectiveness Of Continuous Surface Mining Systems: Lessons Learned From Six Decades Of Lignite Extraction In

- Western Macedonia, Greece. *Archives of Mining Sciences*, 70(2), 183–204.
<https://doi.org/10.24425/ams.2025.154658>
- K.P. Swate, R.P. Mutyavavire, & M.P. Mashinini. (2024). *Intelligent OEE Based Dashboard Design for Underground Mining Applications* [University of Johannesburg]. <https://doi.org/10.52202/072261-0106>
- Nakajima, S. (1988). *Introduction to TPM: Total Productive Maintenance*. Portland: Productivity Press Inc. Productivity Press.
- Paraszczak, J. (2005). Understanding and Assessment of Mining Equipment Effectiveness. *Transactions of the Institutions of Mining and Metallurgy, Section A: Mining Technology*, 114(3).
<https://doi.org/10.1179/037178405X53971>
- PT Freeport Indonesia. (2010). *DMLZ Mine Feasibility Study*. Arizona: PT Freeport Indonesia.
- Sajid, S., Haleem, A., Bahl, S., Javaid, M., Goyal, T., & Mittal, M. (2021). Data science applications for predictive maintenance and materials science in context to Industry 4.0. *Materials Today: Proceedings*, 45, 4898–4905.
<https://doi.org/10.1016/j.matpr.2021.01.357>
- Samatemba, B., Zhang, L., & Besa, B. (2020). Evaluating and Optimizing The Effectiveness of Mining Equipment; The Case of Chibuluma South Underground Mine. *Journal of Cleaner Production*, 252.
<https://doi.org/10.1016/j.jclepro.2019.119697>
- Sandvik. (2022). *DL431 Top Hammer Longhole Drill Technical Specification*.
- Sandvik. (2023). *DL422i Longhole Drill Technical Specification*.
- Sandvik. (2025). *DL432i Longhole drill Technical Specification*.
- Siswanto, H. (2017). *Block Cave Mining and Undercut Strategy Principles*.
- Song, C., Chung, J., Cho, J. S., & Nam, Y. J. (2018). Optimal Design Parameters of A Percussive Drilling System for Efficiency Improvement. *Advances in Materials Science and Engineering*, 2018.
<https://doi.org/10.1155/2018/2346598>
- Tatiya, R. R. (2005). *Surface and Underground Excavations - Methods, Techniques and Equipment* (1 ed.). CRC Press.
<https://doi.org/10.1201/9781439834220>