

## DAFTAR PUSTAKA

- Alpius, A., Irmawaty, R., Tjaronge, W., & Aly, S. (2025). Optimizing Nickel *Slag* in Stone Matrix Asphalt: A Sustainable Alternative to Natural Coarse Aggregate. 7.
- Apriliyaningsih, S. S. (2025). Kebijakan Pembangunan Infrastruktur Jalan Tol Evaluasi Dampak Pembangunan Jalan Tol Terhadap Peningkatan Konektivitas Antar Daerah, Pertumbuhan Ekonomi Regional, serta Dampaknya Terhadap Masyarakat dan Lingkungan Hidup. *journalindo.com*, 10.
- Azizah, N., Tjaronge, M. W., Amiruddin, A. A., & Lando, A. T. (2025). Performance of Asphalt Concrete Mixtures Containing Nickel *Slag*. *Engineering, Technology & Applied Science Research*, 8.
- Bethary, R. T., & Intari, D. E. (2022). Penggunaan Limbah *Slag* Nikel Untuk Material Jalan. *Fondasi: Jurnal Teknik Sipil, Volume 11 No 1*, 10.
- Bethary, R. T., Intari, D. E., & Mutaqin, A. H. (2023). Utilization of Nickel *Slag* as an Aggregate Substitute in Asphalt. *Fondasi: Jurnal Teknik Sipil, Volume 12 No 2*, 10.
- Gao, J., Wang, H., Bu, Y., You, Z., Hasan, M. R., & Irfan, M. (2018). Effects of coarse aggregate angularity on the microstructure of asphalt mixture. *Elsevier*, 12.
- Hassan, H. M., Wu, K., Huang, W., Chen, S., Zhang, Q., Xie, J., & Cail, X. (2021). Study on the influence of aggregate strength and shape on the performance of asphalt mixture. *Construction and Building Materials*, 39.
- Huang, F., Liao, Y., Zhou, J., Wang, Y., & Li, H. (2015). Selective Recovery of Valuable Metals from Nickel Converter *Slag* at Elevated Temperature with Sulfuric Acid Solution.
- Ibrahimi, I., & Bajrakti-Gashi, Z. (2022). RESEARCH INTO THE PROPERTIES OF POURED ASPHALT FROM ELECTRIC FURNACE *SLAG* AGGREGATE. 6.
- Jie, L., Qiao-qiao, N., Yue-xin, H., & Ze-feng, T. (2018). Modified Mechanism of Asphalt by Nickel-Ferrous *Slag* Fiber. *Journal of Northeastern University (Natural Science)*, 5.
- Majalis, A. N. (2020). Kajian Awal Produksi Fero Sulfat dari *Slag* Nikel Melalui Proses Pelindian Menggunakan Asam Sulfat. *Jurnal Ilmu Lingkungan*, 8.
- Mashaan, N., & Yogi, B. (2025). Mining Waste Materials in Road Construction. *encyclopedia*, 14.
- Perindustrian, K. (2020). Kemenperin Angkat Potensi *Slag* Nikel Jadi Bahan Baku Industri.

- Rohma, I. W., Supriyanto, B., & Rahardjo, B. (2023). Analisis Kinerja Campuran Perkerasan Asphalt Concrete-Wearing Course(AC-WC) Menggunakan Bahan Tambah Asbuton B 50/30 Terhadap Parameter Marshall. *Media Teknik Sipil*, 7.
- Survey, U. G. (2024). *Mineral Commodity Summaries 2024*. Reston, VA: U.S. Geological Survey.
- Tanjung, A. A. (2022). Analisis Pemanfaatan Limbah Terak Nikel (*Slag*) sebagai Bahan Baku. *Jurnal Migasian*, 12.
- Wang, G., Li, Z., Li, X., Cui, Y., Qiu, G., Yang, Y., & Wang, W. (2025). Diversified Utilization of Nickel *Slag*: A Review. *Mineral Engineering*.
- Wu, Q., Wu, Y., Tong, W., & Ma, H. (2018). Utilization of Nickel *Slag* as Raw Material in The Production of Portland Cement for Road Construction.
- Yuan, H., Zheng, H., Huang, H., & Mo, L. (2025). Study on the Fatigue and Healing Characteristics of Steel *Slag*. *materials*, 18.
- Direktorat Jenderal Bina Marga. (2020). *Spesifikasi Umum Bina Marga 2020 untuk Pekerjaan Konstruksi Jalan dan Jembatan (Revisi 2)*. Kementerian Pekerjaan Umum dan Perumahan Rakyat.