

## DAFTAR PUSTAKA

- Abzalov, M. 2016. Applied Mining Geology. Dalam *Modern Approaches in Solid Earth Sciences* (Vol. 12). Springer International Publishing AG Switzerland. <http://doi.org/10.1007/978-3-319-39264-4>.
- Alan C. Noble. 2011. SME Mining Engineering Handbook Third Edition Society for Mining, Metallurgy, and Exploration. (Mineral Resource Estimation). 203-217.
- Asfar S, dan Erik. 2019. Karakteristik Batuan Ultrabasa pada Kompleks Ofiolit Desa Paka Indah Kabupaten Konawe Utara Provinsi Sulawesi Tenggara. *Jurnal Rekayas Geofisika Indonesia*. 1-14.
- Armstrong, M and Champigny, N. 1989. A study on kriging small blocks, CIM Bulletin. 82: 128-133.
- Armstrong, M. 1998. *Basic linear geostatistics*. Springer.
- Bargawa, W. S. 2017. Edisis kedua Geostatistik, Teknik Pertambangan UPN VETERAN Yogyakarta.
- Bargawa, W. S. 2021. Seri Geostatistik Ordinary Kriging. Yogyakarta.
- Boldt, J. R and Queneau, P. 1967. The winning of nickel, Its Geologi, Mining and Extractive Metallurgy. Longmans Canada.
- Conoras, W. A. 2017. Klasifikasi sumberdaya endapan nikel laterit daerah pulau obi, Halmahera Selatan dengan pendekatan Relative Kriging Standard Deviation (RKSD). *DINTEK*, 10. 71-79.
- David M. 1977. Geostatistical Ore Reserve Estimation, Elsevier Scientific Publishing Company. Amsterdam.
- David M. 1979. Geostatistical Ore Reserve Estimation, Applied Science Publishers Ltd. London.
- Deutsch, C. V. and Journel, A. G. 1998. *GSLBI: geostatistical software library and user's guide. Second edition*.
- Elias, M. 2002. Nickel Laterite Deposits-Geological Overview, Resources and

Exploitation. *Centre for Ore Deposit Research, University of Tasmania. CODES Special Publication 4*. 205-220.

- E. Rusmana, Sukido, D. Sukarna, E. Haryono, dan T. Simandjuntak. 1993. Peta Geologi Lembar Lasusua-Kendari. Sulawesi. Skala 1 : 250.000. Pusat Penelitian dan Pengembangan Geologi (P3G). Bandung.
- Gandhi, S. M and Sarkar, B. C. 2016. *Essential of Mining Exploration and Evaluation*. Elsevier. <http://doi.org/10.1016/C2015-0-04648-2>.
- Golightly, J. P. 1979. *Geology of Sorowako Nickeliferous Laterite Deposite*. Int. Laterite Simp. New Orleans.
- Hernandi D, Rosana M. F, dan Haryanto A. D. 2017. Domain Geologi Sebagai Dasar Pemodelan Estimasi Sumberdaya Nikel Laterit Perbukitan Zahwah. Sorowako Kabupaten Luwuk Timut. Provinsi Sulawesi Selatan. *Bulletin of Scientific Contribution*, 15 (2). 111-122.
- Heuvelink, G. B. M and Pebesma, E. J. 2002. Is The Ordinary Kriging Variance A Proper Measure Of Interpolation Error. *The Fifth International Symposium on Spatial Accuracy Assessment in Natural Resources and Environmental Sciences*. 179-186. <http://www.researchgate.net/publication/46629588>.
- Hustrulid W, Kuchta, M and Martin R. 2013. Open pit mine planning and design. Volume 1-Fundamenttals. New York. 245-249.
- Isaaks E. H. & Srivastava, R. M. 1989. *Applied Geostatistcs*. Oxford University Press.
- Ilyas, Asran, and Koike, Katsuaki. 2012. Geostatistical modeling of ore grade distribution from geomorphic characterization in a nickel deposit. *Natural Resources Research*, 21(2). 177-179.
- Journel A. G and Huijbregts C. J. 1978. *Mining Geostatistic*. Academic. New York.
- Matheron G. 1963. Principles of Geostatistics, *Economy Geology*. Vol 58, PP 1246-66.
- Mery N dan Marcotte D. 2022. Assessment of Recoverable Resource Uncertainty in Multivariate Deposits Through a Simple Machine Learning Technique Trained Using Geostatical Simulations. *Natural Resources Research*. 31(2). 767-783. <http://doi.org/10.1007/s11053-022-10028-9>.

- Mucha, J. & Wasilewska-Blaszczyk, M. 2015. Geostatistical support for categorization of metal ore resources in Poland. *Gospodarka Surowcami Mineralnymi*, 31(4). 21-24. <https://doi.org/10.1515/gospo-2015-0035>.
- Prijono, A. 1977. *Potensi of the Lateritic-Nickel Deposits In Indonesia and Their Succesfull Development Much Depends on the Righ Processing Method. On The Indonesian Mining Industry-It's Present and Future*. The Indonesian Mining Association. Jakarta 184-250 p.
- Ravenscroft, P. J dan Armstrong, M. 1990. Kriging of block models-the dangers re-emphasised, in Proceedings APCOM XXII, Berlin. 17-21 September 1990. Pp 577-578.
- Rossi, Mario E. dan Clayton V. Deutsch. 2014. *Mineral resource estimation*. Springer. [https://doi.org/10.1007/978-1-4020-5717-5\\_3](https://doi.org/10.1007/978-1-4020-5717-5_3).
- Seo, Dong-Jun. 2013."Conditional bias-penalized kriging (CBPK)." *Stochastic environmental Research and Risk Assessment* 27(1):43-58. doi: 10.1007/s00477-012-0567-z.
- Shuai, YUAN, ZHOU, Wen tao, LI, Yan jun and HAN, Yue xin. 2020. Efficient enrichmen of nickel and iron in laterite nickel ore by deep reduction and magnetic separation. *Transanction of Nonferrous Metals Society of China*, 30(3), 812-822.
- Sinclair, A. J. and Blackwell, G. H. 2004: *Applied mineral inventory estimation*. Cambridge University Press.
- SNI 13-4726-1998. Klasifikasi Sumberdaya Mineral dan Cadangan. Badan Standarisasi Nasional Indonesia.
- SNI 13-6344-2000. Syarat mutu bijih nikel laterit berdasarkan mineralogi. Badan Standarisasi Nasional Indonesia.
- SNI 4726: 2019. Pedoman pelaporan hasil eksplorasi, sumberdaya, dan cadangan mineral, Badan Standarisasi Nasional Indonesia.
- Surono. 2013. *Geologi Lengan Tenggara Sulawesi*. Edisi II. Badan Geologi Kementerian Energi dan Sumber Daya Mineral. Bandung.
- Taghvaeenezhad. Mojtaba. Mohammadreza Shayestehfar. Parviz Moarefvand dan Ali Rezae. 2020. "Quantifying the criteria for classification of mineral

resources and reserves through the estimation of block model uncertainty using geostatistical methods: a case study of Khoshoumi Uranium deposit in Yazd, Iran.”*Geosystem Engineering* 23(4):216-25. doi: 10.1080/12269328.2020.1748524.

T. Simandjuntak, Surono, dan Sukido. 1993. “Peta Geologi Lembar Kolaka. Sulawesi. Skala 1 : 250.000”. Badan Geologi. Bandung.

Vann, J dan Guibal, D. 2000. Beyond ordinary kriging -an overview of non-linear estimation, in Mineral Resource and Ore Reserve Estimation-The AusIMM Guide to Good Practice. Monograph 23 (Ed: A C Edwards) pp 249-256 (The Australasian Institute of Mining and Metallurgy. Melbourne).

Viv Snowden. 2017. *Geostatistical Resource Estimation*. University of Western Australia.