DAFTAR PUSTAKA

Adams, M. D. (Ed.). (2005). *Advances in gold ore processing*. Elsevier.

Aiman, M. N. (2023). *Geologi, Kontrol Breksi Hidrovulkanik Dan Struktur Geologi Terhadap Area Prospek Kadar Tinggi Mineralisasi Emas Tujuh Bukit, Desa Sumberagung, Kecamatan Pesanggaran, Kabupaten Banyuwangi* (Doctoral dissertation, Universitas Pembangunan Nasional" Veteran" Yogyakarta).

Arribas Jr, A., 1995. Characteristics of high-sulfidation epithermal deposits, and their relation to magmatic fluid. Mineralogical Association of Canada Short Course, 23, pp.419-454.

Azhari, B. (2020). Pengaruh Karakteristik Emas terhadap Nilai Recovery Emas di Tambang Emas Tumpangpitu, Banyuwangi, Jawa Timur, Indonesia. Institut Teknologi Bandung.

Boyle, R. W. (1979). The geochemistry of gold and its deposits (together with a chapter on geochemical prospecting for the element).

Bramudya, E.N, Pratama, A., Kowara, S.A., Rura, A., Pertiwi, D., 2017, Ore Characterization of High-Sulphidation Epithermal Gold Deposit as Key Step for Geometallurgy in The HeapLeach Processing at Bakan: Proceedings MGEI Geometallurgy Convention, p.81-84.

Carlile, J. C., & Mitchell, A. H. G. (1994). Magmatic arcs and associated gold and copper mineralization in Indonesia. *Journal of Geochemical Exploration*, *50*(1-3), 91-142.

CELEP, O., ALP, İ., DEVECİ, H., & Vicil, M. (2009). Characterization of refractory behaviour of complex gold/silver ore by diagnostic leaching. *Transactions of Nonferrous Metals Society of China*, *19*(3), 707-713.

Coetzee, L. L., Theron, S. J., Martin, G. J., Van der Merwe, J. D., & Stanek, T. A. (2011). Modern gold deportments and its application to industry. *Minerals Engineering*, *24*(6), 565-575.

Corbett, G., & Leach, T. 1997. Southwest Pacific Rim Gold-Copper Systems: Structure, Alteration, and Mineralization. Australia.

Davies, A.G., Cooke, D.R., Gemmell, J.B., van Leeuwen, T., Cesare, P. and Hartshorn, G., 2008. Hydrothermal breccias and veins at the Kelian gold mine, Kalimantan, Indonesia: Genesis of a large epithermal gold deposit. Economic Geology, 103(4), pp.717-757.

Dewi, Nabila Anggraeni. 2023. Laporan Kerja Praktik Pengaruh Variasi Ph *On Flow* dengan Media *Column Test* Terhadap Persen Ekstraksi Emas Di PT J Resources Bolaang Mongondow. UPN "Veteran" Yogyakarta.

Dominy, S. C., O'Connor, L., Glass, H. J., & Xie, Y. (2018). Geometallurgical study of a gravity recoverable gold *ore*body. *Minerals*, *8*(5), 186.

D*ore*y, R, D. van Zyl, and J. Kiel. 1988. Overview of heap *leaching* technology. In Introduction to Evaluation, Design and Operation of Precious Metal Heap *Leaching* Projects, edited by D. van Zyl, et al.: 3-22.

Dunne, R. (2005). Flotation of gold and gold-bearing ores. *Developments in mineral processing*, *15*, 309-344.

FAHIRA, A. (2022). *STUDI EKSTRAKSI BIJIH EMAS KAYA TEMBAGA PT NUSA HALMAHERA MINERALS PADA PROSES SIANIDASI DENGAN METODE PULVERIZED BOTTLE ROLL* (Doctoral dissertation, Universitas Pembangunan Nasional" Veteran" Yogyakarta).

Gautama, R. S., & Kusuma, G. J. 2016. Characterization of Acid Producing Potential of Spent Ore from Heap Leach Plant.

Ghorbani, Y., Franzidis, J. P., & Petersen, J. (2016). Heap *leaching* technology—current state, innovations, and future directions: a review. *Mineral Processing and Extractive Metallurgy Review*, *37*(2), 73-119.

Ghosh, R. S., Dzombak, D. A., dan Wong-Chong, G. M. (2006). *Physical and chemical forms of cyanide, cyanide in water and soil, chemistry, risk, and management*. Taylor dan Francis, 15-25.

Habashi, F., 1970. Principles of Extractive Metallurgy. Hydrometallurgy, vol. 2. Gordon & Breach, New York, pp. 24–53.

Hadining, Wanidya Ni' immallaili. 2014. Laporan Kerja Praktik Proses Pengolahan Emas dengan Metode Heap Leaching PT J Resources Bolaang Mongondow. Institut Teknologi Bandung.

Harrison, R.L., dkk. 2017, Geochronology of The Tumpangpitu Porphyry Gold-Copper Molybdenum And High-Sulfidation Epithermal Gold-Silver-Copper Deposit - Evidence For Pre And Post-Mineralization Diatremes In The Tujuh Bukit District, Southeast Java, Indonesia: Economic Geology (in press).

Hellman, P. L. (2010). Tujuh Bukit Project Report on Mineral Resources, Located in East Java, Indonesia. *Technical Re-port for Interprid Mines Limited. URL: http://media. wotnews. com. au/esxann/01120-850pdf*.

Ismanto, M. A. (2017). Aspek geometalurgi untuk optimisasi ekstraksi bijih emas pada tambang distrik-b, bolaang mongondow, Sulawesi Utara= Geometalurgy aspects in optimizing gold *ore* extraction at district b mine bolaang mongondow North Sulawesi.

Kirana, L. S. (2022). *Pengaruh Proses Oksidasi Pada Ekstraksi Bijih Emas Transisi Dengan Media Column Test Di Pt J Resources Bolaang Mongondow, Sulawesi Utara* (Doctoral dissertation, Universitas Pembangunan Nasional" Veteran" Yogyakarta).

Kyle, J. (1988) The extraction and recovery of gold, WASM Metallurgy Department.

Ling, P., Papangelakis, V. G., Argyropoulos, S. A., & Kondos, P. D. (1996). An improved rate equation for cyanidation of a gold *ore*. *Canadian Metallurgical Quarterly*, *35*(3), 225-234.

Marsden, J., & House, I. (2006). *The chemistry of gold extraction*. SME.

Maryono, A., Harrison, R. L., Cooke, D. R., Rompo, I., & Hoschke, T. G. (2018). Tectonics and geology of porphyry Cu-Au deposits along the eastern Sunda magmatic arc, Indonesia. Economic Geology, 113(1), 7-38.

Ofori-Sarpong, G., Okwaisie, T., & Amankwah, R. K. (2019). Geometallurgical Studies on Gold *Ore* for Enhanced Comminution and *Leaching*. *Ghana Mining Journal*, *19*(1), 59-65.

Phillips, N. (2022). *Formation of Gold Deposits* (pp. 1-289). Springer.

Pirajno F., 1992, Hydrothermal Mineral Deposits, Principles and Fundamental Concepts for the Exploration Geologist. Springer-Verlag Berlin, Heidelberg. New York. London, Paris.

Prasetyadi, C., Subandrio, A., Rachman, M. G., Barizi, A. R. F., & Putro, G. S. (2021). Subvolcanic Rock Petroleum System Potential in the South Malang Region, East Java, Indonesia. *Open Journal of Yangtze Oil and Gas*, *6*(4), 146-160.

Pulunggono dan Martodjojo, S. 1994. Perubahan Tektonik Paleogene – Neogene Merupakan Peristiwa Tektonik Terpenting di Jawa. Yogyakarta : Proceeding Geologi dan Geotektonik Pulau Jawa, Percetakan NAFIRI.

Purwoko, H. (2021). *Pengaruh Liberasi Mineral Terhadap Angka Perolehan Logam Emas Pada Proses Heap Leach Area Pit C Tumpang Pitu, Kecamatan Pesanggaran, Kabupaten Banyuwangi, Jawa Timur* (Doctoral dissertation, UPN "VETERAN" YOGYAKARTA).

PUTRA, K. L. (2020). *GEOLOGI, ALTERASI DAN MINERALISASI DI PIT A DAN PIT C DAERAH TUJUH BUKIT, BANYUWANGI, JAWA TIMUR.* (Doctoral dissertation, Universitas Pembangunan Nasional" Veteran" Yogyakarta).

Putra, K. L. (2024). Studi Geometalurgi Mengenai Domain Tembaga dan Emas, Endapan Porfiri, Batu Hijau, Kabupaten Sumbawa, Nusa Tenggara Barat. Institut Teknologi Bandung.

Septianingrum, Elsa Dau dkk. 2016. Laporan Kerja Praktik Proses Pengolahan Emas dengan Metode *Heap Leaching* PT J Resources Bolaang Mongondow. Institut Teknologi Bandung.

Sillitoe, R. H. (2000, September). Styles of high-sulphidation gold, silver and copper mineralisation in porphyry and epithermal environments. In *Proceedings of the Australasian Institute of Mining and Metallurgy* (Vol. 305, No. 1, pp. 19-34). Parkville, Vic.: The Institute,[1990]-c2001..

Sillitoe, R.H. & Hedenquist, J.W. 2003. Linkages between Volcanotectonic Settings, Ore Fluid Compositions, and Epithermal Precious Metal Deposits. Society of Economic Geologist, Special Publication 10. London. Hal 1-73.

Smith, A. and Mudder, T. (1991) The Chemistry and Treatment of Cyanidation Waste, Mining Journal Books Ltd., London.

Sribudiyani, dkk. 2003. The Collision of The East Java Microplate and Its Implication for Hydrocarbon Occurrences in the East Java Basin. Indonesian Petroleum Association, Proceeding 29th Annual Converence, Jakarta. Hal 1-12

Sumarjono, E. (2020). Kompleksitas Permasalahan Merkuri Dalam Pengolahan Bijih Emas Berdasarkan Perspektif Teknis Lingkungan Manusia Dan Masa Depan. *Kurvatek*, *5*(1), 113-122.

Tahvili, M. S. (2002). The cyanide heap leaching behavior of cupriferous gold *ore*s (Doctoral dissertation, University of British Columbia).

Teague, A.J., Van Deventer, J.S.J., Swaminathan, C.I., 1999a. A conceptual model for gold f lotation. Miner. Eng. 12, 1001–1019.

Teague, A.J., Van Deventer, J.S.J., Swaminathan, C.I., 1999b. The effect of galvanic inter action on the behaviour of free and refractory gold during froth flotation. Inter. J. Miner. Process. 57, 243–263.

Van Bemmelen, R.V., 1949. The Geology of Indonesia. Vol. IA: General Geology of Indonesia and Adjacent Archipelagoes. US Government Printing Office.

Widodo, W. (2008). Pengaruh Perlakuan Amalgamasi Terhadap Tingkat Perolehan Emas dan Kehilangan Merkuri. *Riset Geologi dan Pertambangan-Geology and Mining Research*, *18*(1), 47-53.

Wills, B. A., & Finch, J. (2015). Wills' mineral processing technology: an introduction to the practical aspects of *ore* treatment and mineral recovery. Butterworth-Heinemann.

Yagi, S., & Kunii, D. (1955, January). Studies on combustion of carbon particles in flames and fluidized beds. In *Symposium (international) on Combustion* (Vol. 5, No. 1, pp. 231-244). Elsevier.

Yannopoulos, J. C. (2012). *The extractive metallurgy of gold*. Springer Science & Business Media.

Yogaswara, A. (2022). *Pengaruh Roasting Terhadap Persen Ekstraksi Emas Pada Sianidasi Dengan Variabel Ukuran Butir, Waktu Retensi Dan Konsentrasi Sianida Pada Bijih Emas Primer Daerah Batu Sopang, Kabupaten Paser, Kalimantan Timur* (Doctoral dissertation, UPN'Veteran" Yogyakarta).

Yumna, S. R. (2023). *Geologi Dan Klasifikasi Massa Batuan Metode Q System (Mc-Cracken & Stacey) Untuk Maksimum Diameter Bukaan Lubang Ventilasi Di Wilayah Tambang Bawah Tanah Daerah Tujuh Bukit, Sumberagung, Pesanggaran, Banyuwangi, Jawa Timur* (Doctoral dissertation, UPN Veteran Yogyakarta).

Zhou, J., & Gu, Y. (2016). Geometallurgical characterization and automated mineralogy of gold ores. In *Gold ore processing* (pp. 95-111). Elsevier.