

DAFTAR PUSTAKA

- Ahmad, & Rose, A. (1980). Fluid inclusions in porphyry and skarn ore at Santa Rita, New Mexico. *Economic Geology*, 75(2), 229–250. <https://doi.org/10.2113/gsecongeo.75.2.229>
- Barzegar, H. (2007). *Geology, Petrology and Geochemical Characteristics of Alteration Zones within the Seridune prospect, Kerman, Iran*. RWTH Aachen University.
- Berger, B. R., Ayuso, R. A., Wynn, J. C., & Seal, R. R. (2008). Preliminary Model of Porphyry Copper Deposits. <http://www.usgs.gov/pubprod>
- Carlile, J.C., and Mitchell, A.H.G., 1994, Magmatic Arcs And Associated Gold And Copper Mineralization In Indonesia: *Journal of Geochemical Exploration*, v. 50, p. 91–142, doi:10.1016/0375-6742(94)90022-1.
- Chou, I.M. (1987). Phase relations in the system NaCl-KCl-H₂O. III: Solubilities of Halite in Vapor-saturated Liquids above 445°C and Redetermination of Phase Equilibrium Properties in the System NaCl-H₂O to 1000°C and 1500 bars. *Geochimica et Cosmochimica Acta*, 51, 1065–1075
- Cline, J. S., & Bodnar, R. J. (1991). Can Economic Porphyry Copper Mineralization Be Generated By a Typical Calc-Alkaline Melt? *Journal of Geophysical Research*, 96(B5), 8113–8126. <https://doi.org/10.1029/91JB00053>
- Corbett, G. J., Leach Greg Corbett, T. M., & Leach Terry Leach, T. (1998). Southwest Pacific Rim Gold-Copper Systems: Structure, Alteration, and Mineralization.
- Derakhshani and Abdolzadeh. (2009). Mass Change Calculations During Hydrothermal Alteration/Mineralization in the Porphyry Copper Deposit of Darrehzar, Iran. *Research Journal of Environmental Sciences*, 3: 41-51
- Fournier, R. O. (1998). Hydrothermal Processes Related to Movement of Fluid From Plastic into Brittle Rock in the Magmatic-Epithermal Environment. *Economic Geology*, 94, 1193–1211.
- Fulginiti, Paolo (2018). Hydrothermal fluid evolution in the ‘Botro ai Marmi’ quartz-monzonitic intrusion, Campiglia Marittima, Tuscany, Italy. Evidence from a fluid-inclusion investigation. *Mineralogical Magazine*, 82(5), 1169–1185. doi:10.1180/mgm.2018.116
- Grant, J. A. (2005). Isocon analysis: A brief review of the method and applications. *Physics and Chemistry of the Earth*, 30(17-18 SPEC. ISS.), 997–1004. <https://doi.org/10.1016/j.pce.2004.11.003>
- Harding, T. P., Wilcox, R. E., & Seely, D. R. (1971). Basic Wrench Tectonics’.
- Hasria, Idrus, A., & Warmada, W. (2020). Perubahan Komposisi Batuan Metamorf pada Endapan Emas di Pegunungan Rumbia, Pada Lengan Tenggara Pulau Sulawesi Akibat Proses Alterasi Hidrotermal. *Jurnal Geologi Dan Sumberdaya Mineral*, 21, 119–127. <https://doi.org/https://doi.org/10.33332/jgsm.geologi.v21i3.477>
- Hezarkhani, A. (2011). Geochemical Element Mobility during Alteration/Mineralization in the Sungun Porphyry Copper Deposit,



- Azerbaijan-Iran. *International Geology Review*, 53(8), 980–1002.
<https://doi.org/10.1080/00206811003683192>
- Idrus, A., Evaristus, D., and Pramutadi, B., 2008, Mineralisasi Bijih Dan Geokimia Batuan Samping Vulkaniklastik Andesitik Yang Berasosiasi Dengan Endapan Tembaga-Emas Porfiri Elang, Pulau Sumbawa, Nusa Tenggara Barat: *Seminar Nasional Aplikasi Sains dan Teknologi*, p. 30–37.
- Idrus, A., Kolb, J., & Meyer, F. M. (2009). Mineralogy, Lithogeochemistry And Elemental Mass Balance Of The Hydrothermal Alteration Associated With The Gold-Rich Batu Hijau Porphyry Copper Deposit, Sumbawa Island, Indonesia. *Resource Geology*, 59(3), 215–230.
<https://doi.org/10.1111/j.1751-3928.2009.00092.x>
- Idrus, A., Warmada, I.W., and Putri, R.I., 2013, Mineralisasi Emas di gunung Gupit, Magelang, Jawa Tengah: Sebuah Penemuan Baru Prospek Emas Tipe Epithermal Sulfidasi Tinggi pada Rangkaian Pegunungan Kulon Progo-Menoreh, in *Annual Engineering Seminar*.
- Nash, J. T. (1976). Fluid-Inclusion Petrology Data from Porphyry Copper Deposits and Applications to Exploration. *Geological Survey Professional Paper* 907-D.
- Kesler, S. E. (2005). Ore-Forming Fluids. *Elements*, 1(1), 13–18.
<https://doi.org/10.2113/gselements.1.1.13>
- MacLean, W. H., & Kranidiotis, P. (1987). Immobile elements as monitors of mass transfer in hydrothermal alteration; Phelps Dodge massive sulfide deposit, Matagami, Quebec. *Economic Geology*, 82(4), 951–962.
- Marc J. Defant, & M. Drummond. (1990). Derivation of Some Modern Arc Magmas by Melting of Young Subducted Lithosphere. *Nature*, 347, 662–665.
- 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.
<https://doi.org/10.5382/econgeo.2018.4542>
- Mathieu, L. (2018). Quantifying Hydrothermal Alteration: A Review. *Geosciences (Switzerland)*, 8(7). <https://doi.org/10.3390/geosciences8070245>
- Oyarzun, R., Mârguez, A., Lillo, J., López, I. and Rivera, S., 2001. Giant versus small porphyry copper deposits of Cenozoic age in northern Chile: adakite versus normal calc-alkaline magmatism. *Mineralium deposita*, 36: 794–798
- Pearce, J. A., & Norry, M. J. (1979). Petrogenetic implications of Ti, Zr, Y, and Nb variations in volcanic rocks. *Contributions to mineralogy and petrology*, 69(1), 33–47.
- Pirajno, F. (2009). *Hydrothermal Processes and Mineral Systems*. Springer Science+Business Media B.V.
- Pracejus, B. 2008. *The Ore Minerals Under the Microscope: An Optical Guide*. 3 ed. *Atlases in Geoscience*. Amsterdam: Elsevier
- Rahardjo, W., Sukandarrumidi, & Rosidi, H. M. D. (1995). Peta Geologi Lembar Yogyakarta, Jawa. Skala 1:100.000.



- Reed, M., Rusk, B., & Palandri, J. (2013). The Butte magmatic-hydrothermal system: One fluid yields all alteration and veins. *Economic Geology*, 108(6), 1379-1396.
- Roedder, E. (1984). Fluid Inclusions. *Reviews in Mineralogy*, 12.
- Ross, P. S., & Bédard, J. H. (2009). Magmatic Affinity of Modern and Ancient Subalkaline Volcanic Rocks Determined from Trace-Element Discriminant Diagram by Melting of Young Subducted Lithosphere. *Canadian Journal of Earth Sciences*, 46(11), 823–839. <https://doi.org/10.1139/E09-054>
- Serdoff, E., Dilles, J. H., Proffett Jr, J. M., & Enaudi, M. T. (2005). Porphyry Characteristics and Origin of Hypogene Features. *Economic Geology*, 100, 251–298. <https://doi.org/10.5382/AV100.10>
- Setiawan A.R., & Verdiansyah O. (2021). Mineralogi Batuan Alterasi Hidrotermal Daerah Kaligono, Kecamatan Kaligesing, Kabupaten Purworejo, Jawa Tengah. *Prosiding Nasional Rekayasa Teknologi Industri Dan Informasi XIII Tahun 2021 (ReTII)*.
- Shepherd, T.J., Rankin, A.H., Alderton, D.H.M., 1985. A Practical Guide to Fluid Inclusion Studies. Blackie and Son, Glasgow, 239 pp
- Sillitoe, R. H. (2010). Porphyry Copper Systems. *Economic Geology*, 105, 3–41.
- Sugarbo, O. (2019). Tinjauan Awal Hubungan Vulkanostratigrafi Dengan Tipe Mineralisasi Daerah Kokap, Kulon Progo, Yogyakarta. *Prosiding Nasional Rekayasa Teknologi Industri Dan Informasi XIV Tahun 2019 (ReTII)* *Nasional Rekayasa Teknologi Industri Dan Informasi XIV (ReTII)*, 338–346.
- Sulistyo, F., Assidhiqie, A. I., & Maulana, A. D. (2019). Integrasi Metode Pemetaan Geologi Permukaan Dan Data Geomagnetik Pada Studi Analisa Zona Alterasi Dan Struktur Pengontrol Mineralisasi Endapan Emas Primer Tipe Sulfida Rendah Di Daerah Plampang, Kalirejo, Kokap, Kabupaten Kulonprogo, Yogyakarta. *Prosiding Seminar Nasional Kebumihan Ke-12*, 894–938.
- Syafri, I., Budiadi, E., & Sudradjat, A. (2013). Geotectonic Configuration of Kulon Progo Area, Yogyakarta Konfigurasi Tektonik Daerah Kulon Progo, Yogyakarta. *Indonesian Journal of Geology*, 8(4), 185–190.
- Taylor, R. (2009). *Ore Textures: Recognition and Interpretation*. Tri Kristanto, A., Verdiansyah, O., Gde Sukadana, I., Teknologi Bahan Galian Nuklir, P., & Tenaga Nuklir Nasional, B. (2021). Distribusi Unsur dan Mineral pada Batuan Alterasi Illit-Serisit ± Biotit Sekunder di Daerah Sumbersari. *Prosiding Nasional Rekayasa Teknologi Industri Dan Informasi XIII Tahun 2021 (ReTII)*, 490–499.
- Verdiansyah, O., Muharif, D., & Sukadana, I. G. (2020). Indikasi Mineralisasi Tipe Porfiri di Daerah Sumbersari, Kompleks Pengunungan Kulon Progo, Purworejo, Indonesia. *EKSPLORIUM*, 41(2), 115. <https://doi.org/10.17146/eksplorium.2020.41.2.5959>



- Vry, V. H., Wilkinson, J. J., Seguel, J., & Millán, J. (2010). Multistage Intrusion Brecciation addn Veining at El Teniente, Chile: Evolution of Nested Porphyry System. *Economic Geology*, 105, 119–153.
- Whitney, D. L., & Evans, B. W. (2010). Abbreviations for Names of Rock-Forming Minerals. *American Mineralogist*, 95(1), 185–187. <https://doi.org/10.2138/am.2010.3371>
- Widagdo, A., Pramumijoyo, S., Harijoko, A., & Setiawan, A. (2016). Kajian Pendahuluan Kontrol Struktur Geologi Terhadap Sebaran Batuan-Batuan Di Daerah Pegunungan Kulonprogo-Yogyakarta. *Proceeding, Seminar Nasional Kebumian Ke-9*.
- Widagdo, A., Pramumijoyo, S., Harijoko, A., (2018). Tectonostratigraphy-volcanic of Gajah-Ijo-Menoreh Tertiary volcanic formations in Kulon Progo mountain area, Yogyakarta-Indonesia. *IOP Conference Series: Earth and Environmental Science*. 212. 012052. 10.1088/1755-1315/212/1/012052.
- Wilkinson, J. J. (2001). Fluid inclusions in hydrothermal ore deposits. In *Lithos* (Vol. 55). www.elsevier.nl/locate/lithos
- Winchester, J. A., & Floyd, P. A. (1977). Geochemical Discrimination of Different Magma Series and Their Differentiation Products Using Immobile Elements. *Chemical Geology*, 20, 325–343. [https://doi.org/10.1016/0009-2541\(77\)90057-2](https://doi.org/10.1016/0009-2541(77)90057-2)
- Wood, D. (1980). The Application of Th-Hf-Ta Diagram to Problems Of Tectonomagmatic Classification and Establishing The Nature of Cristal Contamination of Basaltic Lavas of The British Tertiary Volcanic Province. *Eart Planet Science Letters*, 50, 11–30

