

DAFTAR PUSTAKA

- Abedini, A., Azizi, M.R. and Dill, H.G., 2020. The tetrad effect in REE distribution patterns: A quantitative approach to genetic issues of argillic and propylitic alteration zones of epithermal Cu-Pb-Fe deposits related to andesitic magmatism (Khan Kandi District, NW Iran). *Journal of Geochemical Exploration*, 212, p.106516.
- Alzwar, M., Akbar, N. and Bachri, S., 1992. Peta Geologi Lembar Garut dan Pameungpeuk, Jawa, skala 1: 100.000. *Puslitbang Geologi, Bandung*.
- Ardaraja, R.B., Winarno, E., Idrus, A., Verdiansyah, O. and Satriadi, S., 2022. Karakteristik Mineralisasi Endapan Emas Epitermal Sulfidasi Rendah di Daerah Mekarbakti, Kecamatan Bungbulang, Kabupaten Garut, Provinsi Jawa Barat. *Jurnal Geomine*, 10(2), pp.101-115.
- Arif, A., Syafrizal, S. and Indriati, T., 2021. Karakteristik Mineralisasi Endapan Epitermal Pada Prospek Arinem Di Kabupaten Garut, Jawa Barat. *Jurnal Geomine*, 8(3), p.193.
- Badan Informasi Geospasial., 2022. Peta Rupa Bumi Indonesia Versi SHP (*Shapefile*). Tersedia dari <https://tanahair.indonesia.go.id> (diakses 8 April 2021).
- Bodnar, R.J., 1993. Revised equation and table for determining the freezing point depression of H₂O-NaCl solutions. *Geochimica et Cosmochimica acta*, 57(3), pp.683-684.
- Bodnar, R.J., Reynolds, T.J. and Kuehn, C.A., 1985. Fluid-inclusion systematics in epithermal systems.
- Corbett, G.J. and Leach, T.M., 1998. *Southwest Pacific Rim gold-copper systems: structure, alteration, and mineralization* (Vol. 6, p. 240). Littleton, Colorado: Society of Economic Geologists.
- Corbett, G., 2002. Epithermal gold for explorationists. *AIG News – Applied Geoscientific Practice and Research in Australia*, 67, pp.1-8.
- Corbett, G.J., 2007. Controls to low sulphidation epithermal Au-Ag mineralisation. *PO Box*, 282.
- Corbett, G., 2009, June. Anatomy of porphyry-related Au-Cu-Ag-Mo mineralised systems: Some exploration implications. In *Australian Institute of Geoscientists North Queensland Exploration Conference* (pp. 1-13).
- Corbett, G.J., 2012. Structural controls to, and exploration for, epithermal Au-Ag deposits. *Australian Institute of Geoscientists Bulletin*, 56, pp.43-47.
- Djama, L.M.J., Bazika, U.V.M., Boudzoumou, F. and Mouzeo, K., 2018. Petrology and geodynamic context of metabasic rocks of Nemba complex

in the West Congo Fold Belt (Republic of Congo). *International Journal of Geosciences*, 9(1), pp.1-18.

Dong, G., Morrison, G. and Jaireth, S., 1995. Quartz textures in epithermal veins, Queensland; classification, origin and implication. *Economic Geology*, 90(6), pp.1841-1856.

Floyd, P.A. and Winchester, J.A., 1978. Identification and discrimination of altered and metamorphosed volcanic rocks using immobile elements. *Chemical Geology*, 21(3-4), pp.291-306.

Goldprice.org. 2022. *20 Year Gold Price in USD/oz.* Tersedia dari <https://goldprice.org> (diakses 8 April 2021)

Goldstein, R.H., Samson, I., Anderson, A. and Marshall, D., 2003. Petrographic analysis of fluid inclusions. *Fluid inclusions: Analysis and interpretation*, 32, pp.9-53.

Grant, J.A., 1986. The isocon diagram; a simple solution to Gresens' equation for metasomatic alteration. *Economic geology*, 81(8), pp.1976-1982.

Grant, J.A., 2005. Isocon analysis: A brief review of the method and applications. *Physics and Chemistry of the Earth, Parts A/B/C*, 30(17-18), pp.997-1004.

Haas, J.L., 1971. The effect of salinity on the maximum thermal gradient of a hydrothermal system at hydrostatic pressure. *Economic geology*, 66(6), pp.940-946.

Hedenquist, J.W., 1996. Epithermal gold deposits: styles, characteristics, and exploration. *Soc. Resource Geol, Spec Pub 1, Tokyo*, 1.

Hedenquist, J.W., Arribas, A. and Gonzalez-Urien, E., 2000. Exploration for epithermal gold deposits. *Society of Economic Geologist Reviews vol.13,2000*, p.245-277

Idrus, A. and Pramutadi, E.B., 2008. Mineralisasi Bijih dan Geokimia Batuan Samping Vulkaniklastik Andesitik Yang Berasosiasi Dengan Endapan Tembaga-Emas Porfiri Elang, Pulau Sumbawa, Nusa Tenggara Barat. In *Seminar Nasional Aplikasi Sains dan Teknologi* (pp. 30-37).

Idrus, A., Hartono, Setiawan. I., Warmada, I.W. and Yudha, R.K., 2009, August. Keberadaan dan Karakteristik Endapan Urat Kuarsa Epitermal di Gunung Tukung, Kabupaten Pacitan, Jawa Timur: Implikasi pada Eksplorasi Emas di pegunungan Selatan. In *International Conference Earth Science and Technology, Yogyakarta*.

Idrus, A., Kolb, J. and 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), pp.215-230.

- John, D.A., Vikre, P.G., du Bray, E.A., Blakely, R.J., Fey, D.L., Rockwell, B.W., Mauk, J.L., Anderson, E.D. and Graybeal, F.T., 2018. *Descriptive models for epithermal gold-silver deposits* (No. 2010-5070-Q). US Geological Survey.
- Kumral, M., Abdelnasser, A. and Budakoglu, M., 2016. Geochemistry of hydrothermal alteration associated with Cenozoic intrusion-hosted Cu-Pb-Zn mineralization at Tavşanlı area, Kütahya, NW Turkey. *Minerals*, 6(1), p.13.
- Large, R.R., Gemmell, J.B., Paulick, H. and Huston, D.L., 2001. The alteration box plot: A simple approach to understanding the relationship between alteration mineralogy and lithogeochemistry associated with volcanic-hosted massive sulfide deposits. *Economic geology*, 96(5), pp.957-971.
- Maryono, A., Harrison, R.L., Cooke, D.R., Rompo, I. and Hoschke, T.G., 2018. Tectonics and geology of porphyry Cu-Au deposits along the eastern Sunda magmatic arc, Indonesia. *Economic Geology*, 113(1), pp.7-38.
- Mathieu, L., 2018. Quantifying hydrothermal alteration: A review of methods. *Geosciences*, 8(7), p.245.
- Morrison, K., 1997. Important hydrothermal minerals and their significance. *Geothermal and mineral Service Division*, 7.
- Morrison, G., Dong, G.Y. and Subhash, J., 1990. Textural zoning in epithermal quartz veins. *KLONDIKE Exploration Services*, pp.1-34.
- Murphy, D.M.K. and Stanley, C.R., 2007. Lithogeochemical constraints on the host rock, hydrothermal alteration and weathering of the Groundrush gold deposit. *Geochemistry: Exploration, Environment, Analysis*, 7(4), pp.363-375.
- Najaran, M., Mehrabi, B. and Siani, M.G., 2020. Mineralogy, hydrothermal alteration, fluid inclusion, and O–H stable isotopes of the Siah Jangal-Sar Kahno epithermal gold deposit, SE Iran. *Ore Geology Reviews*, 125, p.103689.
- Nur, I., Idrus, A., Pramumijoyo, S., Harijoko, A., Watanabe, K., Imai, A., Sufriadin., Irfan UR., 2013. Elemental Mass Balance of the Hydrothermal Alteration Associated with the Baturappe Epithermal Silver-Base Metal Prospect, South Sulawesi, Indonesia. *Jurnal Penelitian Enjiniring, Fakultas Teknik, Universitas Hasanuddin*, pp. 31-43.
- Pearce, J.A., 1982. Trace element characteristics of lavas from destructive plate boundaries. *Orogenic andesites and related rocks*, pp.528-548.
- Pearce, J.A., 2008. Geochemical fingerprinting of oceanic basalts with applications to ophiolite classification and the search for Archean oceanic crust. *Lithos*, 100(1-4), pp.14-48.

- Pirajno, F., 2009. Hydrothermal processes associated with meteorite impacts. In *Hydrothermal processes and mineral systems* (pp. 1097-1130). Springer, Dordrecht.
- Pramumijoyo, P., Idrus, A., Warmada, I.W. and Yonezu, K., 2017. Geology, Geochemistry and Hydrothermal Fluid Characteristics of Low Sulfidation Epithermal Deposit in the Sangon Area, Kokap, Special Region of Yogyakarta. *Journal of Applied Geology*, 2(1), pp.48-58.
- Prihatmoko, S. and Idrus, A., 2020. Low-sulfidation epithermal gold deposits in Java, Indonesia: Characteristics and linkage to the volcano-tectonic setting. *Ore Geology Reviews*, 121, p.103490.
- Purwanto, H.S., Harjanto, A., Rizkianto, Y. and Fatchurohman, D., 2020, July. Gold mineralization and deposit type in Arinem Cisewu and its surroundings, Garut Regency, West Java, Indonesia. In *AIP Conference Proceedings* (Vol. 2245, No. 1, p. 090009). AIP Publishing LLC.
- Purwanto, H.S., Rizkianto, Y., Fatchurohman, D., 2021. Fluid Inclusion Analysis of Gold Mineralization in Arinem Cisewu and Its Surrounding, Garut Regency, West Java., *International Research Journal of Advanced Engineering and Science*, Volume 6, Issue 1, pp. 289-294.
- Reyes, A.G., 1990. Petrology of Philippine geothermal systems and the application of alteration mineralogy to their assessment. *Journal of Volcanology and geothermal research*, 43(1-4), pp.279-309.
- Ross, P.S. and Bédard, J.H., 2009. Magmatic affinity of modern and ancient subalkaline volcanic rocks determined from trace-element discriminant diagrams. *Canadian Journal of Earth Sciences*, 46(11), pp.823-839.
- Roedder, E., 1984. Volume 12: fluid inclusions. *Reviews in mineralogy*, 12.
- Setijadji, L.D., Kajino, S., Imai, A. and Watanabe, K., 2006. Cenozoic island arc magmatism in Java Island (Sunda Arc, Indonesia): Clues on relationships between geodynamics of volcanic centers and ore mineralization. *Resource Geology*, 56(3), pp.267-292.
- Sheperd, T.J., Rankin, A.H. and Alderton, D., 1985. A practical guide to fluid inclusion studies. Blackie. *Glasgow and London*.
- Siahcheshm, K., Calagari, A.A., Abedini, A. and Sindern, S., 2014. Elemental mobility and mass changes during alteration in the Maher-Abad porphyry Cu–Au deposit, SW Birjand, Eastern Iran. *Periodico di Mineralogia*, 83, pp.55-76.
- Sillitoe, R.H., 2015. Epithermal paleosurfaces. *Mineralium Deposita*, 50(7), pp.767-793.

- Simmons, S.F., White, N.C. and John, D.A., 2005. Geological characteristics of epithermal precious and base metal deposits. *Society of Economic Geologists, Inc. Economic Geology 100th Anniversary Volume* pp.485-522
- Sun, S.S. and McDonough, W.F., 1989. Chemical and isotopic systematics of oceanic basalts: implications for mantle composition and processes. *Geological Society, London, Special Publications*, 42(1), pp.313-345.
- Shanks III, W.P., 2012. Hydrothermal alteration. *Volcanic massive sulphide occurrence model*.
- Tatsumi, Y. and Takahashi, T., 2006. Operation of subduction factory and production of andesite. *Journal of Mineralogical and Petrological Sciences*, 101(3), pp.145-153.
- Thompson, A.J., B & Thompson, JFH (eds), 1996: Atlas of Alteration. A field and Petrographic Guide to Hydrothermal Alteration Minerals.-119 págs. Geological Association of Canada. *Mineral Deposits Division, CIUDAD*.
- Titisari, A.D., Phillips, D. and Setyaraharja, E.P., 2017. 40Ar/39Ar Geochronology of Volcanic and Intrusive Rocks in the Papandayan Metallic Prospect Area, West Java, Indonesia. *Resource Geology*, 67(1), pp.53-71.
- Tun, M.M., Warmada, I.W., Idrus, A., Harijoko, A., Verdiansyah, O. and Watanabe, K., 2014, August. Fluid Inclusion Studies of the Cijulang High-sulfidation Epithermal Prospect, West Java, Indonesia. In *3rd International Conference on Geological and Environmental Sciences (ICGES)* (Vol. 73, pp. 6-7).
- Tun, M.M., Warmada, I.W., Idrus, A., Harijoko, A., Yonezu, K. and Watanabe, K., 2019. Geochemical Behavior of Trace-and Rare-Earth Elements in the Hydrothermal Alteration Facies of the Cijulang Area, West Java, Indonesia. *Open Journal of Geology*, 9(5), pp.278-294.
- Van Bemmelen, R.W., 1949. The geology of Indonesia, vol. 1A. *Government Printing Office, The Hague*, 732.
- Van Leeuwen, T., 2018. Twenty Five More Years of Mineral Exploration and Discovery in Indonesia (1993-2017). *Masyarakat Geologi Ekonomi Indonesia*.
- White, N.C. and Hedenquist, J.W., 1995. Epithermal gold deposits: styles, characteristics and exploration. *Society of Economic Geologists Discovery*, (23), pp.1-13.
- Wilkinson, J.J., 2001. Fluid inclusions in hydrothermal ore deposits. *Lithos*, 55(1-4), pp.229-272.

- Wilson, M., 1989. *Igneous Petrogenesis: A Global Tectonic Approach*. Springer, Dordrecht.
- Yuningsih, E.T., 2010. Fluid Inclusion Characteristics of Auriferous Arinem and Bantarhuni Quartz Veins, Arinem, West Java, Indonesia. *Jurnal Geologi dan Sumberdaya Mineral*, 20(6), pp.325-333.
- Yuningsih, E.T., 2011. Compositional Variations of Au-Ag Telluride Minerals of Arinem Deposit, West Java. *Jurnal Geologi dan Sumberdaya Mineral*, 21(3), pp.151-161.
- Yuningsih, E.T., Matsueda, H., Setyaraharja, E.P. and Rosana, M.F., 2012. The Arinem Te-bearing gold-silver-base metal deposit, West Java, Indonesia. *Resource Geology*, 62(2), pp.140-158.
- Yuningsih, E.T., Matsueda, H. and Rosana, M.F., 2014. Epithermal gold-silver deposits in Western Java, Indonesia: gold-silver selenide-telluride mineralization. *Indonesian Journal on Geoscience*, 1(2), pp.71-81.
- Yuningsih, E.T., 2016. Host Rock and Mineralized Ores Geochemistry of Arinem Vein, Arinem Deposit, West Java-Indonesia. *Bulletin of Scientific Contribution: GEOLOGY*, 14(2), pp.205-222.
- Yuningsih, E.T., 2016. Host Rock and Mineralized Ores Geochemistry of Bantarhuni Vein, Arinem Deposit, West Java – Indonesia. *Bulletin of Scientific Contribution: GEOLOGY*, 14(3), pp.223-232.