

REFERENCES

- Arribas, A. (1995). Characteristics of high-sulfidation epithermal deposits, and their relation to magmatic fluid. *Mineralogical Association of Canada Short Course Series, Vol 23*(March), 419–454.
- Asrafil, Idrus, A., and Wintolo, D. (2017). Eksplorasi Endapan Hidrotermal di Daerah Kasihan, Pacitan, Jawa Timur. *JGSM Indonesia*, 18(4), 191–200.
- Bethke, P. M. (1984). *Controls on base and precious metal mineralization in deeper epithermal environments*. 1–14.
- Bons, P. D., Elburg, M. A., & Gomez-Rivas, E. (2012). A review of the formation of tectonic veins and their microstructures. *Journal of Structural Geology*, 43, 33–62.
- Byron R. Berger, Robert A. Ayuso, Jeffrey C. Wynn, and R. R. S. (1947). Hydrothermal Alteration in the ‘Porphyry Copper’ s Deposits. *Economic Geology*.
- Calagari, A. A., Pattrick, R. A. D., & Polya, D. A. (2001). Veinlets and micro-veinlets studies in Sungun porphyry copper deposit , East. (January 2016).
- Chen. (1977). Table of reference for identification of miner.pdf.
- Corbett, G. J., & Leach, T. M. (1998). Southwest Pacific rim gold–copper systems: structure, alteration and mineralization. *Society of Economic Geologists*, (May 1997), 236.
- Craig, J. R., & Vaughan, D. J. (1994). Ore microscopy second Edition. 445.
- Dwight R. and Robert K. (1965). Rockfalls and avalanches from Little Tahoma Peak on Mount Rainier Washington. *Geological Survey Bulletin*, 30.
- Edward A. (2014). Geochemical and Modal Data for Igneous Rocks Associated with Epithermal Mineral Deposits.
- Floyd, P. A., & Winchester, J. A. (1975). Magma type and tectonic setting discrimination using immobile elements. *Earth and Planetary Science Letters*, vol 27(2), 211–218.
- GARCIA, J. S. (1991). *Geology and mineralization characteristics of the Mankayan mineral district, Philippines*. 21–31.
- Hakim, A. Y. Al, & Sulistijo, B. (2012). Integrated Exploration Method to Determine Cu Prospect in Seweden District, Blitar, East Java. *Procedia Earth and Planetary Science*, vol 6, 64–69.
- HALL, B. R. B. (1076). World Nonbauxite Aluminum Resources Alunite. In *Journal of Chemical Information and Modeling*.
- Hall, R. (2012). Late Jurassic-Cenozoic reconstructions of the Indonesian region and the Indian Ocean. *Tectonophysics*, 570–571, 1–41.
- Hamilton, W. (1979). Tectonics of the Indonesian Region Tectonics of the Indonesian Region. *U.s. geological survey professional paper*, 1078, 1–65.
- Harrison, R. (2012). The Geology , Alteration and Mineralisation of the Tumpangpitu Porphyry Cu-Au and High-Sulfidation Epithermal Au-Ag Deposit. (November), 273–281.
- Hastie et al. (2007). Classification of altered volcanic island arc rocks using immobile trace elements: Development of the Th-Co discrimination diagram. *Journal of Petrology*, vol 48(12), 2341–2357.
- Hikov, A. (2013). Geochemistry of hydrothermally altered rocks from the Asarel

- porphyry copper deposit , Central Sredznogorie. *Geological Balcanica*, 42(1–3), 3–28.
- Hunt, J. P. (1977). Porphyry copper deposits. *Geological Society Special Publication*, vol 7, 98–98.
- Husein, S. (2015a). Indonesia Universiti Teknologi Petronas - Malaysia “Petroleum and Regional Geology Northeast Java Basin , Indonesia .” *The International Geology Course Programme*.
- Husein, S. (2015b). Petroleum and Regional Geology Northeast Java Basin, Indonesia.
- Isolate, W. P. (2016). Molybdenite mineralization & ore petrography.
- Jeffrey, H., & Arribas, A. (2000). Exploration for Epithermal Gold Deposits. (August).
- Le bas, M. J., Le maitre, R. W., Streckeisen, A. and Zanettin, B. (1986). A chemical classification of volcanic rocks based on the total alkali-silica diagram. *Journal of Petrology*, vol 27(3), 745–750.
- Lipske, J. 2002. (n.d.). Argillic and Sericitic Alteration in the Buckskin Range, Nevada: A Product of Ascending Magmatic Fluids from the Deeper Yerington Porphyry Copper Environment.
- Lisle, R. J. (Cardiff U. (2008). Geological structures and maps a practical guide. *Vasa*, 104.
- Mawaleda, M., Suparka, E., Idham Abdullah, C., Indro Basuki, N., Forster, M., Jamal, & Kaharuddin. (2017). Hydrothermal alteration and timing of gold mineralisation in the Rumbia Complex, Southeast Arm of Sulawesi, Indonesia. *IOP Conference Series: Earth and Environmental Science*, vol 71(1).
- Miyashiro. (1974). Volcanic rock series in island arcs and active continental margins.
- Muntean, J. L., Kesler, S. E., Russell, N., & Polanco, J. (1990). Evolution of the Monte Negro acid sulfate Au-Ag deposit, Pueblo- Viejo, Dominican Republic: important factors in grade development. *Economic Geology*, vol 85(8), 1738–1758.
- Nabeel.m. (1985). The Alteration Petrology of the Cheviot Granite.
- Ostapenko, N. S., & Neroda, O. N. (2009). Evidence of rock hydrofracturing during formation of the Pokrovskoe gold-silver deposit, Priamur’e, Russia. *Doklady Earth Sciences*, vol 425(2), 196–200.
- Pellant, C. (1992). Rocks & Minerals.pdf.
- Pirajno, F. (1992). Hydrothermal Mineral deposits.
- Pirajno, F. (2009). Hydrothermal processes and mineral systems. *In Hydrothermal Processes and Mineral Systems*.
- Rikfaldi et al. (1992). Geologi dan studi mikrofases dan diagenesa batugamping formasi wonosari daerah pasiran dan sekitarnya, kecamatan wonotirto, kabupaten blitar, jawa timur. 1–11.
- Rye, R. O., Bethke, P. M., & Wasserman, M. D. (1992). The stable isotope geochemistry of acid sulfate alteration. *Economic Geology*, vol 87(2), 225–262.
- Schoen, R. and W. (1965). *Hydrothermal Alteration in GS-3 GS-4 Drill Holes, Main Terrace, Steamboat Springs, Nevada: Econ. Geology*. vol 60, 1411–1421.”.
- Seymour, D. B., Green, G. R., Calver, C. R., & Department of Infrastructure, E. and R. (2013). The geology and mineral deposits of Tasmania: a summary.

Bulletin, (72), 29.

- SILLITOE, R. H. (1994). Epithermal Gold-Silver-Mercury Deposits at Paradise Peak, Nevada: Ore Controls, Porphyry Gold Association, Detachment Faulting, and Supergene Oxidation. *Water Resources*, vol 35(10), 3193–3197.
- Skewes. (1985). Petrology of The Early Formed Hydrothermal Vein Within The Central Potassic Alteration zone of Los Pelambres Porphyry Copper Deposit, Chile.
- Steven, T. A., Ratte, J. C., & Ratté, J. G. (1960). Geology and ore deposits of the Summitville District, San Juan Mountains, Colorado. *U. S. Geological Survey Professional Paper*, vol 343, 70.
- Stoffregen, R. E., & Geology, D. (1987). During Advanced Argillig Alteration. vol 25.
- Strachan & Woodcock. (2013). Geological history of Britain and Ireland. In *Choice Reviews Online*.
- Streckeisen & Le Bas, M. J. (1991). The IUGS Systematics of Igneous Rocks. *Journal of the Geological Society*, vol 148(5), 825–833.
- Takahashi, R., Shingo, Y., Imai, A., Watanabe, K., Harijoko, A., Warmada, I. W., ... Page, L. (2014). Epithermal gold mineralization in the Trenggalek District, East Java, Indonesia. *Resource Geology*, vol 64(2), 149–166.
- Tun, M. M., Warmada, I. W., Idrus, A., Harijoko, A., Verdiansyah, O., & Watanabe, K. (2015). High Sulfidation Epithermal Mineralization and Ore Mineral Assemblages of Cijulang Prospect, West Java, Indonesia. *Journal of Applied Geology*, vol 6.
- Van Bemmelen, R. W. (1949). The Geology of Indonesia. Vol. 1A General Geology of Indonesia. *Journalism Practice*, Vol. 2, pp. 130–134.
- White, N. C., & Hedenquist, J. W. (1995). Epithermal Gold Deposits: Styles, Characteristics and Exploration. *Published in SEG Newsletter*, vol 1(23), 9–13.
- Whitney, D. L., & Evans, B. W. (2010). Abbreviations for names of rock-forming minerals. *American Mineralogist*, 95(1), 185–187.
- Widodo, W., Prapto, A.S., Nursahan, I., 2002. (2002). Inventarisasi dan Evaluasi Mineral Logam di Pegunungan Selatan Jawa Timur (Kab. Pacitan, dll), Jawa Timur, Sub. Dit. Mineral Logam, Badan Geologi. *Earth Science Reviews*.
- Widodo, W., & Simanjuntak, S. (2002). Hasil Kegiatan Eksplorasi Mineral Logam Daerah Pegunungan Selatan Jawa Timur (JICA / MMAJ - Jepang) Dan Cianjur (KIGAM – Korea). *Kolokium Direktorat Inventarisasi Sumber Daya Mineral (DIM) TA. 2002*, 8-1-8–14.
- Wilson. (1989). Igneous Petrogenesis A Global Tectonic Approach. In *Terra Nova*.
- Winchester, J. A., & Floyd, P. A. (1977). Geochemical discrimination of different magma series and their differentiation products using immobile elements. *Chemical Geology*, vol 20, 325–343.
- Xianguang, H., A., & Bergstro, J. . (2006). Distinguishing anomalocaridids from arthropods and priapulids. *Geological Journal*, vol 269(August), 259–269.
- Yahya, A., Hakim, A., Sulistijo, B., & Indriati, T. (2015). Mineralization Study of Ringin Putih Vein , Southern Mountain Part of East Java , Indonesia. (February).