

DAFTAR PUSTAKA

- Barbarin, B., 1990, Granitoids: main petrogenetic classifications in relation to origin and tectonic setting. *Geol. J.* 25, 227–238.
- Bemmelen, R.W., 1949, *The Geology of Indonesia*, Batavia: Government Printing Office, The Hague.
- Bau, M., 1991, Rare-Earth Element Mobility during Hydrothermal and Metamorphic Fluid-Rock Interaction and The Significance of The Oxidation State of Europium. *Chemical Geology*. 93: 219-230.
- Chappell, B.W. dan White, A.J.R., 2001, Two Contrasting Granite Types: 25 Years Later. *Australian Journal of Earth Sciences*, 48, 489-499. <https://doi.org/10.1046/j.1440-0952.2001.00882.x>
- Corbett, G.J. dan Leach, T.M., 1998, Southwest Pacific Rim gold-copper systems: Structure, alteration, and mineralization. *Society of Economic Geologists Special Publication*, 6.
- Craig, J.R., dan Vaughan, D.J., 1994, *Ore microscopy and ore petrography*: New York, John Wiley & Sons, 434 p
- Darman, H. dan Sidi, F. H., 2000, *An Outline of The Geology of Indonesia, Indonesia: IAGI*, 205
- Edwards, R., dan Atkinson, K., 1986, *Ore Deposit Geology and its Influence on Mineral Exploration*.
- Ferdian, F., Hall, R., dan Watkinson, I.M., 2010, A Structural Re-Evaluation of the North Banggai-Sula Area, Eastern Indonesia.
- Frost, B.F., Barnes, G.G., Collins, W.J., Arculus, R.J., Ellis, D.J. dan Frost, C.D., 2001, A Geological Classification for Granitic Rocks. *Journal of Petrology*, 42, 2033-2048.
- Garrard, R.A., Supandjono, J.B., dan Surono, 1989, The geology of the Banggai-Sula Microcontinent, Eastern Indonesia. *Proceedings Indonesian Petroleum Association, 17th Annual Convention*, 23-52,
- Groves, D.I., Goldfarb, R.J., Gebre-Mariam, M., Hagemann, S.G., dan Robert, F., 1998, Orogenic Gold Deposits: A Proposed Classification in the Context of Their Crustal Distribution and Relationship to Other Gold Deposit Types: *Ore Geology Reviews*, 13, 7-27.
- Groves, D.I., Goldfarb, R.J., Robert, F., dan Hart, C.J.R., 2003, *Gold Deposits in Metamorphic Belts: Overview of Current Understanding* Hamilton, W.R., 1979, *Tectonics of The Indonesia Region*. United States Geological Survey.

- Hall, R. dan Wilson, M.E.J., 2000, Neogene sutures in eastern Indonesia. *Journal of Asian Earth Sciences*, 18, 781–808.
- Hastie, A.R., Kerr, A.C., Pearce, J.A., dan Mitchell, S.F. 2007. Classification of altered volcanic island arc rocks using immobile trace elements: Development of Th–Co discrimination diagrams. *J. Petrol.* 48, 2341–2357.
- Hedenquist, J.W., 1987, Mineralization Association Associated with Volcanic-Related Hydrothermal Systems in The Circum-Pacific Basin. New Zealand: Geothermal Research Center, D.S.I.R.
- Hedenquist, J.W., Izawa, E., Arribas, A., Jr., dan White, N.C. 1996. Epithermal gold deposits: Styles, characteristics, and exploration: Poster and booklet, Resource Geology Special Publication 1, 17 p.
- Irvine, T.N., dan Baragar, W.R.A. 1971. A Guide to the Chemical Classification of the Common Volcanic Rocks: *Canadian Journal of Earth Sciences*, v. 8, p. 523–548, doi:10.1139/e71-055.
- Kwak, T.A.P. 1986. Fluid Inclusions in Skarns (Carbonate Replacement Deposits). *Journal of Metamorphic Geology*. 4: 363–384
- Lehmann B., dan Harmanto, 1990, Large-Scale Tin Depletion in the Tanjungpandan Tin Granite, Belitung Island, Indonesia. *Economic Geology*. 85: 99-111
- Lindgren, W., 1922, A Suggestion for the Terminology of Certain Mineral Deposits”. *Economic Geology*. 17: 292–294.
- McDonough, W.F. dan Sun, S., 1985, Isotopic and Geochemical Systematics in Tertiary-Recent Basalts from South Eastern Australia and Implications for The Evolution of The Sub-Continental Lithosphere. *Geochimica et Cosmochimica Acta* 49, 2051-2067.
- McDonough, W.F., Sun, S.-s., 1995, The composition of the Earth: *Chemical Geology*, 120, 223-253.
- McLennan, S. M. dan Taylor, S. R. 1981. Role of subducted sediments in island-arc magmatism: constraints from REE patterns. *Earth and Planetary Science Letters* 54, 423-430.
- Meinert, L. D., 1992. Skarns and Skarn Deposits. *Geoscience Canada*, v. 19, pp. 145 – 162.
- Meinert, L.D., Dipple, G.M. dan Nicolescu, S. 2005. World skarn deposits. *One Hundredth Anniversary Volume*. Available at: <https://doi.org/10.5382/av100.11>.

- Middlemost, E.A.K., 1994, Naming Materials in the Magma/Igneous Rock System. *Earth-Science Reviews*, 37, 215-244. [http://dx.doi.org/10.1016/0012-8252\(94\)90029-9](http://dx.doi.org/10.1016/0012-8252(94)90029-9)
- Miyashiro, A., 1974, Volcanic rock series in island arcs and active continental margins: *American Journal of Science*, v. 274, p. 321–355, doi:10.2475/ajs.274.4.321.
- Morrison, K., 1997, *Hydrothermal Minerals and Their Significance*. Geothermal and Mineral Service Division of Kingston Morrison Ltd: Auckland.
- Nainggolan, D.A., 2015, Pola Anomali Geomagnet Daerah Pulau Taliabu dan Pulau Mangoli, Maluku Utara. *Jurnal Geologi dan Sumberdaya Mineral*. 16 (2): 93. ISSN 2549-4759
- Pearce, J.A. 1983. Role of the Sub-Continental Lithosphere in Magma Genesis at Active Continental Margins. In: Hawkesworth, C.J. and Norry, M.J., Eds., *Continental Basalts and Mantle Xenoliths*, Shiva Cheshire, UK, 230-249.
- Pearce, J.A., Harris, N.B.W., Tindle, A.G., 1984. Trace element discrimination diagrams for the tectonic interpretation of granitic rocks. *J. Petrol.* 25, 956–983
- Pearce, J.A., van der Laan, S.R., Arculus, R.J., Murton, B.J., Ishii, T., Peate, D.W., dan Parkinson, I.J., 1992, Geochemistry of boninite and harzburgite of ODP Leg 125 basement samples. *PANGAEA*, <https://doi.org/10.1594/PANGAEA.771125>
- Pearce, J.A. 1996. A user's guide to basalt discrimination diagrams. *Geological Association of Canada Special Publication* 12: 79-113
- Pearce, J.A., 2008, Geochemical fingerprinting of oceanic basalts with applications to ophiolite classification and the search for Archean oceanic crust: *Lithos*, 100, 14-48.
- Pearce, J., 2014, Immobile Element Fingerprinting of Ophiolites. *Elements*. 10. 101-108. [10.2113/gselements.10.2.101](https://doi.org/10.2113/gselements.10.2.101).
- Pirajno, F. 2009. *Hydrothermal Processes and Mineral Systems*. Springer: Berlin.
- Richards, Jeremy & Mumin, Hamid. 2013. Magmatic-hydrothermal processes within an evolving Earth: Iron oxide-copper-gold and porphyry Cu Mo Au deposits. *Geology*. 41. 767-770. [10.1130/G34275.1](https://doi.org/10.1130/G34275.1).
- Rickard, M. 1972. Fault Classification – Discussion. *Bulletin Geology Society of America*, vol. 83 p. 2545 -2546.

- Robert, F., Brommecker, R., Bourne, B., Dobak, P.J., Mcewan, C., Rowe, R.R., dan Zhou, X., 2007, Models and exploration methods for major gold deposit types. *Proceedings of Exploration 07: Fifth Decennial International Conference on Mineral Exploration*. 691-711.
- Rudyawan, A. dan Hall, R. 2012. Structural reassessment of the South Banggai-Sula area: no Sorong Fault Zone. *Proceedings Indonesian Petroleum Association*. IPA12-G-030. 1-17.
- Satyana, A.H. dan Purwaningsih, M.E.M. 2011. Collision of Micro-Continents with Eastern Sulawesi: Records from Uplifted Reef Terraces and Proven-Potential Petroleum Plays. *Proceedings Indonesian Petroleum Association*
- Shand, S.J., 1943. Eruptive rocks. Their genesis, composition, classification, and their relations to ore-deposits. Wiley, New York, 444 pp.
- Shervais, J.W., 1982, Ti-V plots and the petrogenesis of modern and ophiolitic lavas. *Earth and Planetary Science Letters*, 59, 101-118.
- Sillitoe, R.H., 2010, Porphyry Copper Systems. *Economic Geology*, 105, 3-41.
- Silver, E. A., McCaffrey, R., Joyodiwiryo, Y. dan Stevens, S., 1983, Ophiolite Emplacement and Collision Between The Sula Platform and The Sulawesi Island Arc, Indonesia. *Journal of Geophysical Research* 88, 9419-9435.
- Surono, dan Sukarna, D., 1993, Peta Geologi Lembar Sanana Maluku, Skala 1 : 250.000. Pusat Penelitian dan Pengembangan Geologi Bandung.
- Supanjono, J.B., Haryono, E., 1993. Peta Geologi Lembar Banggai, Sulawesi Maluku, Skala 1 : 250.000. Pusat Penelitian dan Pengembangan Geologi Bandung.
- Taylor, S. R. dan McLennan, S. M., 1985, *The Continental Crust: Its Composition and Evolution*. Blackwells Scientific, Oxford, 312 pp.
- Terekhov, E. N. dan Shcherbakova, T. F., 2006, Genesis of Positive Eu Anomalies in Acid Rocks from the Eastern Baltic Shield. *Geochemistry International*. 44. 5: 439-455.
- Watkinson, I., Hall, R., dan Ferdian, F., 2011, Tectonic re-interpretation of the Banggai-Sula-Molucca Sea margin, Indonesia. *Geological Society of London Special Publications*. 355. 203-224. 10.1144/SP355.10.
- White, N.C and Hedenquest J.W. 1996. Epihtermal gold deposits: styles, characteristics, and exploration. Tokyo: Society of Resource Geology.
- White, A.J.R., Chappell, B.W., 1983. Granitoid types and their distribution in the Lachlan Fold Belt, south-eastern Australia. *Geol. Soc. Am. Mem.* 159, 21–34

Winter, J.D., 2014, Principles of Igneous and Metamorphic Petrology: Pearson New International Edition. Pearson Education Limited, Harlow, UK.

Wood, D.A., 1980, The application of a Th-Hf-Ta diagram to problems of tectonomagmatic classification and to establishing the nature of crustal contamination of basaltic lavas of the British Tertiary volcanic province: Earth and Planetary Science Letters, 50, 11-30.