

DAFTAR PUSTAKA

- ABM, 2007, *Unpublished PT. Avocet Bolaang Mongondow internal report*, Resource Development Group, Bakan Geology Report.
- Anbalagan et al, 1992, *Rock Mass Classification: A Practical Approach in Civil Engineering*, Central Mining Research Institute (CMRI), 267 pp.
- Bautista, C., Wisanggono, A., Kubra A., and Hardjana, I., 2006. *The Discovery of the Durian and Osela High Sulphidation Gold Deposits in the Bakan District, Sulawesi Utara, Indonesia*. Unpublished PT Avocet Bolaang Mongondow internal report, 24pp.
- Bieniawski, Z.T. 1976. *Rock mass classification in rock engineering*. In *Exploration for rock engineering, proc. of the symp.*, (ed. Z.T.Bieniawski) 1, 97-106. Cape Town: Balkema
- Bieniawski, Z. T., 1989, *Engineering Rock Mass Classification*, Kanada: John Wiley & Sons, Inc.
- Billings, 1954, *Principal Of Engineering Geology*, New York: John Wiley & Sons, Inc.
- Carlile, J.C., Dgidowiogo S., dan Darius K., 1990, *Geological Setting, Characteristics and Regional Exploration for Gold in the Volcanic Arcs of Utara Sulawesi, Indonesia*, Journal of Geochemical Exploration, 35, p. 105 - 140.
- Corbett, G.J., T.M. Leach. 1996. *Southwest Pacific Rim gold/copper systems : structure, alteration, and mineralization* . A workshop presented for the Society of Exploration Geochemists at Townville, 145pp.
- Guilbert, J., M., Charles F.P. Jr. 1986. *The geology of ore deposits*. Freeman, New York, 985pp.
- Hardjana, I., 2012, *The Discovery, Geology, and Exploration of the High Sulphidation Au-Mineralization System in the Bakan District, Utara Sulawesi*, Majalah Geologi Indonesia Vol. 27.
- Hedenquist, J. W., Arribas, A. R., dan Urien E. G., 2000, *Exploration for Epithermal Gold deposits*, Economic Geology, vol. 13, p. 245-277
- Hedenquist, J.W. dan Houghton, B. F. 1996. *Epithermal gold mineralisation and its volcanic environments* , 50, Elsevier, Amsterdam, 423pp.

- Hoek,E., dan Brown, E.T., 1998, *Practical Estimates of Rock Mass Strength*, Great Britain: Elsevier.
- Hoek, E. And Brown, E.T. 1997. Practical estimates of rock mass strength. *Intnl. J. Rock Mech. & Mining Sci. & Geomechanics Abstracts.* 34 (8), 1165 - 1186
- J Resources, 2015, *Annual Report PT J Resources Asia Pasifik Tbk.*
- Kliche, C.A., 2009, *Rock Slope Stability.Society for Mining Exploration and Metallurgy*, (SME) 8307 Shaffer Parkway Littleton, CO,U.S.A.
- Morrison, Kingston, 1996, *Magmatic-related hydrothermal system*, short course manual, Australia.
- Marinos, V., Marinos, P., Hoek, E., (2005), *The Geological Strength Index: Application and Limitation*, Bulletin of Engineering Geology and Environment 64, 55 – 65 p
- Marinos, V., Marinos, P., Hoek, E., (2007), *The Geological Strength Index: A Characterization Tool For Assessing Engineering Properties For Rock Masses.*
- Pearson, D.F. and Caira, N.M., 1999. *The Geology and Metallogeny of Central Utara Sulawesi. In: PACRIM '99 Congress*. Australian Institute of Mining and Metallurgy, 4/99, p.311 - 326.
- Reyes,A. G., dan Giggenbach, W. F., 1992, *Petrology and fluid chemistry of magmatichydrothermal systems in the Phillipines*, In : Y.K. Kharaka dan A. S. Maest (Editors) *Water rock Interaction*. Proceedings of the 7th International Symposium on Water-Rock Interaction, Park City, USA, Balkema, Rotterdam, pp, 1341-1344
- Romana, M., Serón, J.B., Montalar, E. 2003. *SMR Geomechanics classification: Application, experience and validation*. South Africa: South African Institute of Mining and Metallurgy
- Singh, B., dkk. 2001. *Engineering Rock Mass Classification*, New York : Elsevier
- Thompson Graham., dan Turk. 1997, *Introduction to Physical Geology*, U.S.A, Brooks Cole. ISBN 10, 0030243483.
- Umbal, J., Bautista, C., and Qarana, I., 2007, *Bakan Project Report*. Unpublished PT. Avocet Bolaang Mongondow internal report, 65pp.
- USGS, 2016, *Mineral Commodity Summaries 2016*, Virginia: USGS.
- Van Bemmelen, R.W., (1949), *The Geology of Indonesia, Vol. IA: General Geology of Indonesia and Adjacent Archipelagoes*, The Hague.

- Van Leeuwen, T.M., dan Muhardjo, 2005, *Stratigraphy and Tectonic Setting of the Cretaceous and Palaeogene Volcanic– Sedimentary successions in Utarawest Sulawesi, Indonesia: Implications for the Cenozoic evolution of Western and Utaraern Sulawesi*, Journal of Asian Earth Sciences, 25, p. 481 - 511.
- White, N., 2009, *Ephithermal Gold Deposit; in MGEI Gold Exploration Workshop 2019, Gold Deposits: How To Do Gold Exploration*, Bandung Institute of technology and science. Deltamas, Indonesia.
- Worthington, J.E., dan Kiff, I.T., 1970. *A Suggested Vulcanogenic origin for certain gold deposit in the slate belt of the North Carolina Piedmont*. Econ, Geol., 65, 529 – 537.
- Wyllie,D.C., dan Mah,C.W., 2004, *Rock Slope Engineering: Civil and Mining 4th ed.*, New York: Spon Press.