

## DAFTAR PUSTAKA

- Agus Jamaludin dan Darma Adiantoro, 2012. *Analisis Kerusakan X-Ray Fluorescence (XRF)*. Pusat Teknologi Bahan Bakar Nuklir – BATAN
- Alzwar, M., Hanang Samodra, Jonatan J. Tarigan. (1988). *Pengantar Ilmu Gunungapi*. Bandung: Nova.
- Bachri, S., 2014. The Effect of Regional Tectonics to The Structural Pattern and Tectonics of Java Island. *J.G.S.M. Vol. 15 No. 4 November 2014*. hal: 215 – 221.
- Ballard, Robert D. 2000. *Encyclopedia Of Volcanos*. New York: Academic Press. hal: 2
- Bemmelen, van, R.W., 1949 : *The Geology of Indonesia*, IA, Government Printing Office, Martinus Nijhoff, The Hague, hal: 792.
- Bermana, I., 2006. Klasifikasi Geomorfologi untuk Pemetaan Geologi yang telah dibakukan *Bulletin of Scientific Contribution, Vol 4, No 2, Agustus 2006*. hal: 161-173.
- Best, Myron G. 2003. *Igneous and Methamorphic Petrology: Second Edition*. United Kingdom: Blackwell Publishing.
- Borgia, A., Aubert, M., Merle, O., dan van Wyk de Vries, B., 2010, What Is a Volcano?: *Geological Society of America Special Paper 470*, hal: 1–9
- Bronto, S., 2006. *Fasies gunung api dan aplikasinya*. Pusat Survei Geologi, Jln. Diponegoro 57 Bandung, Indonesia Jakarta: PGSM.
- Bronto, S., 2007. *Gunung api maar di Semenanjung Muria*. Pusat Survei Geologi, Jln. Diponegoro No. 57 Bandung, Indonesia.
- Bronto, S., 2016. *Volcanostratigraphy for supporting geothermal exploration*. Institut Teknologi Bandung, Bandung 40132, Indonesia
- Bronto, S., G, Hartono., dan B, Astuti., 2004, Hubungan Genesa Antara Batuan Beku Intrusi Dan Ekstrusi Di Perbukitan Jiwo, Kecamatan Bayat, Klaten Jawa Tengah, *Majalah Geologi Indonesia, Vol. 19, No. 3*, hal: 147-163.
- Dempsey, S. R. (2013): *Geochemistry of Volcanic Rock from the Sunda Arc*, Ph.D Thesis, Department of Earth Sciences, Durham University, hal: 45 - 187.

- ESDM, 2005. Pengembangan Panas Bumi Di Indonesia: Menanti Pembuktian. Kementerian Energi dan Sumber Daya Mineral.
- ESDM, 2017. WKP Gunung Wilis: Potensi Panas Bumi Di Indonesia. Kementerian Energi dan Sumber Daya Mineral.
- ESDM, 2018 : *Potensi Panasbumi di Indonesia*, Kementerian Energi dan Sumber Daya Mineral, <http://ebtke.esdm.go.id/post/2017/09/25/1751/buku.potensi.panas.bumi.2017>.
- Ewart, A. (1982), *The Mineralogy And Petrology Of Tertiary Recent Orogenic Volcanic Rocks With Special References To The Andesitic-Basaltic Compositional Range* In: Thorpe, R.S., Ed., *Andesites: Orogenic Andesites and Related Rocks*, Winchester: Wiley.
- Gill, J.B., 1981. Orogenic Andesites and Plate Tectonics. *Springer, Berlin. Volume 16, Minerals and Rocks*. Berlin, Heidelberg, New York: Springer-Verlag.
- Harker. A., 1909. *The Natural History of Igneous Rocks*. Cambridge University Press New York: Macmillian
- Hartono, U., Baharuddin, Brata, K. 1992. *Peta Geologi Lembar Madiun*, Jawa Timur Skala 1:100000.
- Heather, M.N, Katharine V. Cashman, Mauro Rosi, Raffaello Cioni. Breadcrust bombs as indicators of Vulcanian eruption dynamics at Guagua Pichincha volcano, Ecuador. *Bull Volcanol* (2007) 69. Hal: 281–300.
- Hochstein, M.P. dan Browne, P.R.L. 2000. *Surface Manifestation of Geothermal Systems with Volcanic Heat Sources*, In *Encyclopedia of Volcanoes*, H. Sigurdsson, B.F.. Houghton, S.R., McNutt, H., Rymer dan J. Stix (eds.), Academic Press.
- Howard, A.D., 1967. Drainage Analysis In Geologic Interpretation: A Summation, *AAPG Bulletin, Vol.51 No.11 November 1967*, hal: 2246-2259.
- Huang, W. T. 1962. Petrology. McGraw-Hill Book Company: New York.
- Hughes, C.J., 1982. *Igneous Petrology*. New York: Elsevier Scientific Publishing Company. hal: 551
- Irvine. T.N., and Baragar. W.R.A., 1971. A Guide to the Chemical Classification of the Common Volcanic Rocks. *Canadian Journal of Earth Sciences, 1971, Vol. 8, No. 5*: hal: 523-548.

- Le Bas, M. J., dan Streckeisen, A. L. (1991): *The IUGS Systematics of Igneous Rocks, Journal of Geosociety*, 148, hal: 825-833.
- Nicholson, K., 1993 : *Geothermal Fluids Chemistry and Exploration Techniques*, Springer-Verlag, hal: 263.
- Miyashiro, A. dan Shido, F. (1975): Tholeiitic and calc-alkaline series in relation to the behaviors of titanium, vanadium, chromium, and nickel. *American Journal of Science*, 275, hal: 265-277.
- Mulyaningsih, S., 2013. *Vulkanologi*, Akprind Press: Yogyakarta
- Mullen, E.D., 1983. MnO/TiO<sub>2</sub>/P2O<sub>5</sub>: A Minor Element Discriminant for Basaltic Rocks of Oceanic Environments and Its Implications for Petrogenesis. *Earth and Planetary Science Letters*, Vol. 62, Issue 1, hal: 53-62.
- Mc Phie, J., Doyle, M., dan Allen, R. 1993. *Volcanic textures; a guide to the interpretation of textures in volcanic rocks*. Launceston, TAS, Australia, University of Tasmania, Centre for Ore Deposit and Exploration Studies.
- Paramita Haty, I., 2014 : *Penyelidikan Pendahuluan Manifestasi Panasbumi Ngebel* Ponorogo, Jawa Timur.
- Peccerillo, R., dan Taylor, S. R. (1976): Geochemistry of Eocene calc-alkaline Volcanic Rocks from the Kastamonu Area, Northen Turkey. *Contribution Mineralogy Petrology*, 58, hal: 63-81.
- Putra, S.D.H., Rizki, R., Akbar, A.K., 2014 : Volcanostratigraphic Study and its Implication to The Geothermal Resource Estimation of Mount Wilis, East Java, *Proceedings, 3rd International ITB Geothermal Workshop 2014, Institut Teknologi Bandung, Indonesia, March 3-7, 2014*
- Soejono, M., dan Djuhaeni, 1996. *Sandi Stratgrafi Indonesia*. Komisi Sandi Stratigrafi Indonesia. Ikatan Ahli Geologi Indonesia (IAGI).
- Sribudiyani, Muchsin N., Ryacudu R., Kunto T., Astono P., Prastyo I., Sapiie B., Asikin S., Harsolumakso A. H., Yuliato I., 2003, The Collision of The East Java Microplate and its Implication for Hydrocarbon Occurrences in The East Java Basin, *Indonesia Petroleum Association 29th Annual Convention Proceedings*.
- Streckeisen, A., Zanettin, B., Le Bas, M., Le Maitre, R., Bonin, B., Bateman, P., Bellieni, G., Dudek, A., Efremova, S., Keller, J., Lameyre, J., Sabine, P.,

- Schmid, R., Sorensen, H., and Woolley, A. 2002, *Igneous Rocks A Classification And Glossary Terms 2nd Edition*, Cambridge: Cambridge University Press.
- Van Zuidam, R.A., 1985. *Aerial Photo-Interpretation In Terrain Analysis And Geomorphologic Mapping*. Smith Publishers. The Hague.
- Wahyudiono, J., 2017. Karakteristik Petrologi dan Geokimia Batuan Gunung Api Oligosen Akhir - Miosen di Daerah Gunung Muro, Kalimantan Tengah. *Jurnal Geologi dan Sumberdaya Mineral Vol. 19 No.2 Mei 2017*. hal: 105 – 115
- Whitford, D.J., 1975. Strontium isotopic studies of the volcanic rocks of the Saunda (Sunda) arc, Indonesia, and their petrogenetic implications, *Geochim. et Cosmochim. Acta, Vol 39, Issue 9*. hal: 1287-1302.
- Williams, H. (1954): *Petrography, An Introduction to Study of Rocks in Thin Section*, University of California, Barkeley, W.H. Freeman and Company, San Fransisco, hal: 406.
- William H., Turner, F. J., Gilbert, C. M. (1982): Petrography an Introduction to the study of rock in this section, Freeman and Company, New York: USA, hal: 36-67.
- Wilson, M. 1989. *Igneous Petrogenesis: A Global Tectonic Approach*. Netherland: Springer.
- Yudiantoro, D.F., Suparka, E., Yuwono, Y., Takashima, I., Kamah, Y., 2012. Petrology and Geochemistry of Volcanic Rocks around Kamojang Geohermal Field, West Java, Indonesia, *1st Earth Science International Seminar, Faculty of Mineralogy UPN "Veteran" Yogyakarta, Indonesia*, hal: 304-315.
- Yudiantoro, D.F., DR. Ratnaningsih, P. Pratiknyo, Maher, DS. Sayudi, I. Paramitahaty, W. Ismunandar, DG. Sampurno, Richzkey., M, M. Abdurrachman. 2020. Development of Ngebel Volcano as Geoheritage and Tourism Education of Volcano, Electric Energy and Geothermal, Ponorogo, East Java. *Proceeding of LPPM UPN "Veteran" Yogyakarta Conference Series, Vol.1*.