

## DAFTAR PUSTAKA

- Arhipova, L., 2007, Ecology of Tree Roots in Substrates of The Hague: Alterra Raport 1590, 111 p.
- Badan Koordinasi Survey dan Pemetaan Nasional, 1999, Peta Rupabumi Digital Indonesia 1:25.000 Lembar 1408-213 Bagelen (Edisi 1): Bogor, Badan Koordinasi Survey dan Pemetaan Nasional (Bakosurtanal).
- Badan Standarisasi Nasional, 2015, Tata Cara Pengklasifikasian Tanah Untuk Keperluan Teknik dengan Sistem Klasifikasi Unifikasi Tanah (ASTM D 2487-06, MOD): Jakarta, Badan Standarisasi Nasional, 25 p.
- Bergaya, F., Theng, B. K. G., dan Lagaly, G. 2006. Handbook of Clay Science: Amsterdam, Elsevier Ltd, 1224 p.
- Bondan, A., Suntoko, H., dan Ryanto, T. A., 2019, Studi Geologi Kabupaten Kulon Progo Sebagai Alternatif Tapak Instalasi Nuklir, in Prosiding Seminar Nasional Infrastruktur Energi Nuklir, p. 163-172.
- Brahmantyo, B. dan Bandono, 2006, Klasifikasi Bentuk Muka Bumi (Landform) untuk Pemetaan Geomorfologi pada Skala 1:25.000 dan Aplikasinya untuk Penataan Ruang: Jurnal Geoaplika, v. 1, p. 71-78.
- Chen, P. Y., 1977, Table of Key Lines in X-Ray Powder Diffraction Patterns of Minerals in Clays and Associated Rocks. Bloomington: Bloomington, Department of Natural Resources, Geological Survey Occasional Paper v. 21.
- Dermawan, H., Analisis Hidrometer ASTM D-442-63 (98): Laboratorium Mekanika Tanah, Universitas Pendidikan Indonesia.
- Eviati dan Sulaeman, 2009, Petunjuk Teknis Edisi 2 Analisis Kimia Tanah, Tanaman, Air, dan Pupuk: Bogor, Balai Penelitian Tanah, 234 p.
- Farih, S. L. N., dan Hendratno, A., 2014., Studi Karakteristik Petrologi, Geokimia, dan Sifat Keteknikan Andesit Formasi Arjosari di Daerah Tanjungsari dan Sekitarnya, Kecamatan Pacitan, Kabupaten Pacitan, Provinsi Jawa Timur in Prosiding Seminar Nasional Kebumian ke-7, p. 34-44.
- Foth, H. D., 1951, Fundamentals of Soil Science, Eight Edition: John Wiley & Son, 368 p.
- Harjanto, A., 2010, Alterasi Akibat Proses Hidrotermal di Daerah Kulon Progo dan Sekitarnya, Daerah Istimewa Yogyakarta: Jurnal Ilmu Kebumian v. 23, p. 69-82.
- Jumikis, A.R. 1962. Soil Mechanics: Canada, D. Van Nostrand Company, Inc., 791 p.

- Harnois, L, 1987, The CIW Index: A New Chemical Index of Weathering: *Sedimentary Geology* v. 10, p. 319-322, [https://doi.org/10.1016/0037-0738\(88\)90137-6](https://doi.org/10.1016/0037-0738(88)90137-6).
- Hartono, H. G., dan Pambudi, S., 2015., Gunung Api Purba Mudjil, Kulonprogo: Suatu Bukti dan Pemikiran, in *Prosiding Seminar Nasional ReTII-10*, p. 71-76.
- Hendrickx, J. M. H., van Dam, R. L., dan Borchers, B., 2003., Worldwide Distribution of Soil Dielectric and Thermal Properties in *Proceeding of SPIE, The International Society for Optical Engineering*, <https://doi.org/10.1117/12.487116>.
- Hernandez, R.A., Garcia, F. L., Cruz, L. E. H, dan Luevanos, A. M., 2012., Iron Removal from a Kaolinitic Clay by Leaching to Obtain High Whiteness Index. *IOP Conference Series: Materials Science and Engineering* v. 45, p. 6-10, <https://doi.org/10.1088/1757-899X/45/1/012002>.
- Hillel, D., 2004., *Introduction to Environmental Soil Physics*: Massachusetts, Elsevier Science USA, 494 p.
- Isyqi., Ansori, C., Hastria, D., Wardhani, F. A., Al' Afif, M., Hidayat, E., dan Puswanto, E., 2019., Petrologi dan Geokimia Batuan Dasit Komplek Melange Luk Ulo. *Riset Geologi Pertambangan* v. 29, p. 27-41, doi: 10.14203/risetgeotam2019.v29.968.
- Kautz, C. Q. dan Ryan, P.C. 2003. The 10 Å to 7 Å Halloysite Transition in a Tropical Soil Sequence, Costa Rica: *Clays and Clay Minerals* v. 51, p. 252 – 263, doi:10.1346/CCMN.2003.0510302.
- Kee, K. M., Sathiamurthy, E., Sultan, K., dan Liu, Z., 2015., Geochemical Characterization of Clay Minerals in Surface Sediments of Three Major Rivers Along the East Coast of Peninsular Malaysia: *Bulletin of the Geological Society of Malaysia* v. 61, p. 23-28, <https://doi.org/10.7186/bgsm61201503>.
- Le Maitre, R. W., 1976., Some Problems of the Projection of Chemical Data into Mineralogical Classification: *International Journal of Rock Mechanics and Mining Sciences & Geomechanics Abstracts*. v. 56, p. 181-189, [https://doi.org/10.1016/0148-9062\(76\)90612-4](https://doi.org/10.1016/0148-9062(76)90612-4).
- Lopez-Galindo, A., Viseras, C., dan Cerezo, V., 2006., Compositional, Technical, and Safety Specifications of Clays to be Used as Pharmaceutical and Cosmetic Products: *Applied Clay Science* v. 36, p. 51 – 63, <https://doi.org/10.1016/j.clay.2006.06.016>.
- Lusiana, U. dan Cahyanto, H.A., 2014, Penggunaan Kaolin Kalimantan Barat Sebagai Pigmen Extender dalam Pembuatan Cat Tembok Emulsi: *Biopropal Industri* v. 5, p. 45 – 51.

- Malcolm, R.L, dan Kennedy, V.C., 1970, Variation of Cation Exchange Capacity and Rate with Particle Size in Stream Sediment: Journal (Water Pollution Control Federation) v. 42, R153-R160.
- Manning, D. A. C., 1995, Introduction to Industrial Minerals: Springer-Science + Business Media, B.V, 276 p.
- Modiselle, M., 2010, Refractory Clay Industry in The Republic of South Africa, 2010: Report R89/2010, Department of Mineral Resources, Republic of South Africa, 17 p.
- Murray, H.H., 2007, Applied Clay Mineralogy: Occurrences, Processing and Application of Kaolins, Bentonites, Palygorskite-Sepiolite, and Common Clays (2nd ed): Amsterdam, Elsevier, 177 p.
- Meunier, A., 2005, Clays. New York: Jerman, Springer Berlin Heidelberg, 476 p.
- Meunier, A. dan Velde, B., 2008, The Origin of Clay Minerals in Soils and Weathered Rocks: Jerman, Springer, 406 p.
- Mukherjee, S., 2013, The Science of Clays: Applications in Industry, Engineering, and Environment: New Delhi, Springer, 335 p.
- Prabawa, A. 2020. Geologi dan Karakteristik Lempung Gunung Gedang dan Sekitarnya, Kecamatan Seyegan dan Godean, Kabupaten Sleman, DIY Serta Rekomendasi Pemanfaatannya. Skripsi. Departemen Teknik Geologi, Fakultas Teknik, Universitas Gadjah Mada [Tidak dipublikasikan].
- Rahardjo, W., Sukandarrumidi., dan Rosidi, H. M. D., 1995, Peta Geologi Lembar Yogyakarta, Jawa: Bandung, Pusat Penelitian dan Pengembangan Geologi.
- Rangkuti, N., Pojoh, I., dan Harkantiningasih, N., 2008, Buku Panduan Analisis Keramik: Jakarta, Pusat Penelitian dan Pengembangan Arkeologi Nasional, Badan Pengembangan Sumberdaya Kebudayaan dan Pariwisata, Departemen Kebudayaan dan Pariwisata, 91 p.
- Reeves, G. M., Sims, I., dan Cripps, J. C., 2006, Clay Materials Used in Construction: London, The Geological Society, 580 p.
- Siddiqui, M. A., Ahmed, Z., dan Saleemi, A. A., 2005, Evaluation of Swat Kaolin Deposits of Pakistan for Industrial Uses: Applied Clay Science v. 29, p. 55 – 72, <https://doi.org/10.1016/j.clay.2004.09.005>.
- Sedighi, H., Irranajad, M., dan Gharabaghi, M., 2013, Silica Impurities Removal on Bentonite Sample for Nanoclay Production. Amirkabir Journal of Science and Research (Civil and Environmental Engineering) v. 45, p. 11-13.
- Suhala, S. dan Arifin M., 1997, Bahan Galian Industri. Bandung: Puslitbang Teknologi Mineral, 349 p.
- Solihin dan Adhitia, I., 2020, Potensi Sumberdaya dan Pemanfaatan Bahan Galian Tuf di Daerah Parungkujang. Jurnal Teknik v. 21, p. 37-43.

- Sparks, D.L., 2003, Environmental Soil Chemistry: Second Edition: Academic Press Elsevier Science, 352 p.
- Sukandarrumidi, 2009, Bahan Galian Industri (Cetakan ke-3): Yogyakarta, Gadjah Mada University Press, 272 p.
- Tuncuk, A., Ciftlik, S., dan Akcil, A., 2013, Factorial Experiments for Iron Removal from Kaolin using Single and Two-Step Leaching with Sulfuric Acid: Hydrometallurgy 134-135, p. 80-86, doi: 10.1016/j.hydromet.2013.02.006.
- van Bemmelen, R. W., 1949, The Geology of Indonesia Vol. IA: General Geology of Indonesia and Adjacent Archipelagoes: The Hague, Government Printing Office, 732 p.
- Velde, B., 1985, Clay Minerals: A Physico-Chemical Explanation of their Occurrence: Amsterdam, Elsevier, 427 p.
- Velde, B. 1992. Introduction to Clay Mineral: Chemistry, Origins, Uses, and Environmental Significance: Prancis: Springer-Science + Business Media, B.V. 205 p.
- Velde, B. 1995. Origin and Mineralogy of Clays: Clays and The Environment: New York, Springer-Verlag Berlin Heidelberg, 348 p.
- Wahyuni, N., Cita, dan Anita, Z. T., 2012, Analisis Whiteness Kaolin Asal Mandor Pada Variasi Temperatur Pemanasan: Positron II (2), p. 15-20, <https://doi.org/10.26418/positron.v2i2.2007>
- Widagdo, A., Pramumijoyo, S., Harijoko, A., dan Setiawan, A. 2016. Kajian Pendahuluan Kontrol Struktur Geologi Terhadap Sebaran Batuan-Batuan di Daerah Pegunungan Kulonprogo-Yogyakarta, in Prosiding, Seminar Nasional Kebumihan ke-9.
- Widjaja, B. dan Sundayo, P. 2016. Alternatif Penentuan Batas Cair dan Batas Plastis dengan Tiga Variasi Berat Konus Menggunakan Metode Lee dan Freeman. Jurnal Teknik Sipil v. 14, p. 62 – 67.
- Winarno, T., Kurniasih, A., Marin, J., dan Kusuma, I. A. 2017. Identifikasi Jenis dan Karakteristik Lempung di Perbukitan Jiwo, Bayat, Klaten dan Arahannya sebagai Bahan Galian Industri: Teknik v. 38 (2), p. 65 – 70, <https://doi.org/10.14710/teknik.v38i2.12942>.
- Wiranto, O. E. 2020. Karakteristik Lempung Daerah Gilangharjo dan Sekitarnya, Kecamatan Pandak, Kabupaten Bantul, Daerah Istimewa Yogyakarta dan Rekomendasi Pemanfaatannya. Skripsi. Departemen Teknik Geologi, Fakultas Teknik, Universitas Gadjah Mada [Tidak dipublikasikan].