

DAFTAR PUSTAKA

- Abfertiawan, M. S., Gautama, R. S., Kusuma, S. B., Notosiswoyo, S., 2016, *Hydrology Simulation of Ukud River in Lati Coal Mine*, Evergreen - Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy, p.21-31
- Alam, B.Y.C.S.S.S; Itoi, R.; Taguchi, S.; Saibi, H.; & Yamashiro, R., *Hydrogeochemical and isotope characterization of geothermal waters from the Cidanau geothermal field, West Java, Indonesia*, Journal of Geothermics, Elsevier Ltd, p.62-69
- Appelo, C. A. J. & Postma, D., 2005, *Geochemistry, Groundwater and Pollution, 2nd Edition*, Amsterdam, the Netherlands: A. A. Balkema Publishers, Taylor & Francis Group plc, 634 p.
- Clark, I., 2015, *Groundwater Geochemistry and Isotopes*, Boca Raton: Taylor & Francis Group, LLC, 421 p.
- Devy, S. D., Hendrayana, H., & Putra, P. E. P., 2014, *Pemodelan Air Tanah Daerah Penambangan Batubara Pit Terbuka di Muara Lawa, Kabupaten Kutai Barat, Kalimantan Timur*, Seminar Nasional Kebumihan Ke-7, Jurusan Teknik Geologi, Fakultas Teknik, Universitas Gadjah Mada, p.1-15
- Eby, G. N., 2004, *Principles of Environmental Geochemistry*, United States of America: Thomson Brooks/Cole, 514 p.
- Edmunds, W. M. & Shand, P., 2008, *Natural Groundwater Quality*, Australia: Blackwell Publishing Ltd., 469 p.
- Elghali, A., Benzaazoua, M., Bussiere, B., & Bouzahzah, H., 2018, *Determination of the available acid-generating potential of waste rock, partII: Waste management involvement*, Applied Geochemistry, p.316-325, doi: <https://doi.org/10.1016/j.apgeochem.2018.12.010>
- Fetter, C. W., 2001, *Applied Hydrogeology, 4th Edition*, Upper Saddle River, Prentice Hall, NJ, USA, 588 p.
- Grubbs, J. W., 1995, *Evaluation of Ground-Water Flow and Hydrologic Budget for Lake Five-O, A Seepage Lake in Northwestern Florida*, Florida: U.S. Geological Survey, p.1-41
- Hadi, S.; Suliartini, N.M.S; Kurniawati,L; & Hizmi, S., 2018, *Integrating Treatment of Neutralization with Sulfidic Natural Water (SNW) to Capture Dissolved Copper (Cu²⁺) from Acid Mine Drainage (AMD) at*

Batu Hijau Site, Sumbawa Island Indonesia: Indones. J. Chem, p. 647-655

Hakim, D., 2009, *Studi Sistem Hidrogeologi Dalam Kaitannya dengan Penambangan Open Pit Emas-Tembaga di Lokasi PT. NNT Batu Hijau, Provinsi Nusa Tenggara Barat*, [Unpublished thesis]: Bandung, Institut Teknologi Bandung

Harlan, R. L., Kolm, K. E., & Gutentag, E. D., 1989, *Water Well Design and Construction*, New York: Elsevier Ltd

Hendrayana, H., 2013, *Hidrogeologi Mata Air*, Yogyakarta: Teknik Geologi Universitas Gadjah Mada

Hendrayana, H. & Putra, P. E. P., 2017, *Diktat Kuliah Dasar Pemodelan Air Tanah*, Yogyakarta: Jurusan Teknik Geologi FT-UGM

Idrus, A., Kolb, J., & Meyer, F. M., 2008, *Mineralogy, Lithochemistry and Elemental Mass Balance of the Hydrothermal Alteration Associated with the Gold-rich Batu Hijau Porphyry Copper Deposit, Sumbawa Island, Indonesia*, *Resource Geology* 59(3):215 – 230, doi: 10.1111/j.1751-3928.2009.00092.x

Idrus, A., Kolb, J., Meyer, F. M., Arif, J., Setyandhaka, D., & Kepli S., 2009, *A Preliminary Study on Skarn Related Calc-silicate Rocks Associated with the Batu Hijau Porphyry Copper-Gold Deposit, Sumbawa Island, Indonesia*, *Resource Geology* 59(3):295 – 306, doi:[10.1111/j.1751-3928.2009.00097.x](https://doi.org/10.1111/j.1751-3928.2009.00097.x)

Keith, N., 1993, *Geothermal Fluids Chemistry and Exploration Techniques*, United Kingdom: Springer-Verlag Berlin Heidelberg, 263 p.

Kolle, W., 2001, *Wasseranalysen-Richtig Beurteilt Grundlagen, Parameter, Wassertypen, Inhaltsstoffe, Grenzwerte nach Trinkwasserverordnung und EU – Trinkwasserrichtlinie*, WILEY-VCH, Weinheim, 424 p.

LAPI-ITB, 2009, *Review Laporan tentang Konsentrasi Arsenik Terlarut dalam Air Tanah di Bagian Hilir Daerah Timbunan Batuan Penutup (Waste Rock Dump)*, Lombok: PT Newmont Nusa Tenggara [Unpublished]

Lewis, M. A., 1989, *Water in Earth Science Mapping for planning, development and conservation*, McCALL, J. and Marker, B; Graham and Trotman

Lghoul, M., Maqsoud, A., Hakkou, R., & Kchikach, A., 2013, *Hydrogeochemical behavior around the abandoned Kettara mine site, Morocco*, *Journal of Geochemical Exploration*, p.456-467, doi:10.1016/j.gexplo.2013.12.003

- Linsley, R. K. & Franzini, J. B., 1985, *Teknik Sumberdaya Air Jilid 1 Edisi Ketiga*, diterjemahkan oleh Sasongko, D., Jakarta: Erlangga, 323 p.
- LKFT (Lembaga Kerjasama Fakultas Teknik UGM), 2012, *Kajian Hidrogeologi Komprehensif Daerah Pertambangan Batu Hijau, Kabupaten Sumbawa Barat, Provinsi Nusa Tenggara Barat*, Lombok: PT Newmont Nusa Tenggara
- Machado, I., Bühl, V., & Mañay, N., 2019, *Total Arsenic and Inorganic Arsenic Speciation in Groundwater Intended for Human Consumption in Uruguay: Correlation with Fluoride, Iron, Manganese And Sulfate*. Science of The Total Environment, p.497-502. doi:10.1016/j.scitotenv.2019.05.107
- Mazor, E., 2004, *Chemical and Isotopic Groundwater Hydrology 3rd Edition*, New York: Marcel Dekker, Inc, 453 p.
- Moeck, I. S., 2014, *Catalog of geothermal play types based on geologic controls*, Canada: Elsevier, p.867-882
- Motyka, J., d' Obyrn, K., Juško, K., & Wójcik, T., 2017, *Chemistry of Water from the Inflows to the "Franciszek" Dipheading in the "Pomorzany" Zn-Pb Mine in the Olkusz Area (SW Poland)*, Journal of Sustainable Mining, p.139-150. doi:10.1016/j.jsm.2017.11.002
- Murtagh, F & Legendre, P., 2011, *Ward's Hierarchical Clustering Method: Clustering Criterion and Agglomerative Algorithm*: <https://www.researchgate.net/publications/51962445> (diakses November 2019)
- Odinus, P., 2013, *Acid Mine Drainage and Non-AMD Waters at the Batu Hjjau Mine and its Vicinity Sumbawa, Indonesia*, [Unpublished thesis]: Aachen, RWTH Aachen University
- Peraturan Menteri Energi dan Sumber Daya Mineral Nomor 18 Tahun 2008 Tentang Reklamasi dan Penutupan Tambang, <https://jdih.esdm.go.id/peraturan/Permen-esdm-18-2008.pdf> (diakses November 2019)
- Peraturan Pemerintah Republik Indonesia Nomor 82 Tahun 2001 tentang Pengelolaan Kualitas Air dan Pengendalian Pencemaran Air, <https://peraturan.bpk.go.id/Home/Details/53103/pp-no-82-tahun-2001> (diakses Mei 2020)
- PT NNT, 2010, Drill Core Review of Tongoloka and Katala Monitoring Well, [Unpublished]

- PT NNT, 2014, Drill Core Review of Kanloka and Tongoloka Monitoring Well, [Unpublished]
- Schmoll, O., Howard, G., Chilton, J., Chorus, I., 2016, *Protecting Groundwater for Health*, UK: World Health Organization, 678 p.
- Sibarani, L., 2013, *Kajian Pembentukan Air Asam Tambang Melalui Uji Pelindian Kolom di Tambang BATU Hijau PT. Newmont Nusa Tenggara*, [Unpublished thesis]: Bandung, Institut Teknologi Bandung
- Sracek, O. & Zeman, Z., 2004, *Introduction to Environmental Hydrogeochemistry*, Masaryk University in Brno Faculty of Science, 102 p.
- Sudradjat, A., Andimangga, S., & Suwarna, N., 1998, *Geological Map of the Sumbawa Quadrangle, Nusa Tenggara, Indonesia*: Bandung, Indonesia: Geological Research and Development Centre, skala 1:100.000, 1 lembar
- Suharyadi, 1984, *Diktat Kuliah Geohidrologi*, Yogyakarta: Jurusan Teknik Geologi FT-UGM
- Suprpto, S.J., 2008, *Tinjauan Reklamasi Lahan Bekas Tambang dan Aspek Konservasi Bahan Galian*, Pusat Sumberdaya Geologi
- Todd, D. K. & Mays, L. W., 2005, *Groundwater Hydrology*, 3th ed, John Wiley & Sons, Inc, New York, 635 p.
- Tomiyama, S., Igarashi T., Tabelin, C. B., Tangviroon, P., & Ii, H., 2019, *Acid Mine Drainage Sources and Hydrogeochemistry at the Yatani Mine, Yamagata, Japan: A Geochemical and Isotopic Study*, Journal of Contaminant Hydrology, Elsevier Ltd, p. 1-8
- Wang, C. & Zheng, Mianping, 2019, *Hydrochemical Characteristics and Evolution of Hot Fluids in the Gudui Geothermal Field in Comei County, Himalayas*, Journal of Geothermics, Elsevier Ltd, p. 243-258
- Wurl, J., Mendez-Rodriguez, L., & Acosta-Vargas, B., 2014, *Arsenic Content in Groundwater from the Southern Part of the San Antonio-El Triunfo Mining District, Baja California Sur, Mexico*, Journal of Hydrology, p.447-459, doi:10.1016/j.jhydrol.2014.05.009
- Younger, P.L., Banwart, S. A., & Hedin, R. S., 2002, *Mine Water Hydrology, Pollution, Remediation*, Springer-Science+Business Media, B.V., 442 p.