

DAFTAR PUSTAKA

- Abbas, S.M., dan Konietzky, H., 2015, *Rock Mass Classification Systems: Freiberg, Handbook of Geotechnical Investigation and Design Tables*.
- Abramson, L.W., Lee, Sharma S., dan Boyce, G.M., 2002, *Slope Stability And Stabilization Methods*: Canada, John Willey & Sons, Inc.
- American Standard Testing and Material (ASTM), 1997, *D 422 63: Test Method for Particle-Size Analysis of Soils Test Method for Liquid Limit, Plastic Limit, and Plasticity Index of Soil Standard Test Methods for Density of Soil in Place by Drive-Cylinder Method*: West Chonshohocken, ASTM International.
- American Standard Testing and Material (ASTM), 2000, *D 2216 98: Standard Test Method for Laboratory Determination of Water (Moisture) Content of Soil and Rock by mass*: West Chonshohocken, ASTM International.
- American Standard Testing and Material (ASTM), 2000, *D 2487: Standard Practice for Classification of Soils for Engineering Purposes (Unified Soil Classification System)*: West Chonshohocken, ASTM International.
- American Standard Testing and Material (ASTM), 2000, *D 2937 00: Standard Test Methods for Density of Soil in Place by Drive-Cylinder Method*: West Chonshohocken, ASTM International.
- American Standard Testing and Material (ASTM), 2000, *D 4318: Standard Test Methods for Liquid Limit, Plastic Limit, and Plasticity Index of Soils*: West Chonshohocken, ASTM International.
- American Society for Testing and Material (ASTM), 2002, *D-5731: Determination of Point Load Strength Index of Rock*: West Chonshohocken, ASTM International.
- Bakosurtanal, 2000, *Peta Rupa Bumi Indonesia Lembar Sigli: 81-0145*, Edisi I.
- Barber, A.J., Crow, M.J., dan Milsom, J.S., 2005, *Sumatera: Geology, Resources and Tectonic Evolution*: London, The Geological Society of London
- Bennet, J.D., Bridge, D.McC., Cameron, N.R., Djunuddin, A., Ghazali, S.A., Jeffery, D.H., Kartawa, W., Keats, W., Rock, N.M.S., Thomson, S.J., Whandoyo, R., 1981, *Peta Geologi Lembar Banda Aceh, Sumatra*. In *Peta Geologi Indonesia*.
- Bieniawski, Z.T., 1975, *The Point-load Test in Geotechnical Practice: Engineering Geology*, v. 9, p. 1-11, doi:10.1016/0013-7952(75)90024-1.
- Bieniawski, Z.T., 1979, *The Geomechanics Classification in Rock Engineering Applications*, In *Proceedings of the 4th Congress of the International Society for Rock Mechanics (Vol. 2, p. 41–48)*: Montreux, ISRM September 2–8.

- Bieniawski, Z.T., 1989, *Engineering Rock Mass Classification*: Toronto, John Wiley & Sons, p. 250.
- Brahmantyo, B., dan Bandono, 2006, *Klasifikasi Bentuk Muka Bumi Untuk Pemetaan Geomorfologi Pada Skala 1:25.000 dan Aplikasinya Untuk Penataan Ruang*, Jurnal Geoplaka, Vol. 1 No. 2, hal 71-78
- Canadian Geotechnical Society, 1992, *Canadian foundation engineering manual*. Richmond, B.C: Canadian Geotechnical Society.
- Cheng, Y. M., dan Lau, C. K., 2008, *Slope Stability Analysis and Stabilization New Methods and Insight*: Routledge.
- Das, B.M., dan Sobhan, K., 2018, *Principles of Geotechnical Engineering*: Boston, Cengage Learning.
- Deere, D.U., 1989, *Rock Quality Designation (RQD) After 20 Years. U.S. Army Corps Engrs Contract Report GL-89-1.*: Vicksburg, Waterways Experimental Station.
- Dearman, W.R., 1991, *Engineering Geological Mapping*: Oxford, Butterworth-Heinemann.
- Fisher, R.V., 1966. *Rocks composed of volcanic fragments and their classification*. Earth-Science Reviews, 1(4), pp.287-298
- Gary, M., McAfee, R. Jr. dan Wolfe, C.L., 1972, *Glossary of Geology*: Washington DC, American Geological Institute.
- González de Vallejo, L.I., dan Ferrer, M., 2011, *Geological Engineering*: London, CRC Press.
- Hermanto, D., 2017, *Geologi Dan Endapan Batubara Desa Petiduran Baru, Kecamatan Mandiangin, Kabupaten Sarolangun, Jambi*: Skripsi. Institut Teknologi Bandung: Bandung.
- Hoek, E. dan Marinos, P., 2000, *Predicting Tunnel Squeezing (Problems in Weak Heterogeneous Rock Masses)*. Tunnels and Tunnelling Int. Part 1 Estimating Rock Mass Strength. V. 32:11, pp. 45–51
- Hoek, E., Marinos, P., dan Marinos, V., 2007, *The Geological Strength Index (GSI): A Characterization Tool for Assessing Engineering Properties of Rock Masses*, 10.1201/NOE0415450287.ch2.
- Hoek, E., Marinos, P., dan Marinos, V., 2005, *The geological strength index: applications and limitations*: Bulletin of Engineering Geology and the Environment, 64(1), 55–65. doi:10.1007/s10064-004-0270-5.
- Mount, J., 1985, *Mixed Siliciclastic and Carbonate Sediments: A Proposed First-Order Textural Compositional Classification*: Sedimentology, 32, 435-442.
- Munsell, A.H., 1941, *A Color Notation. In Munsell Soil Color Charts*: Baltimore, Munsell Color Co. Inc.

- Murthy, V.N.S., 1994, *Geotechnical Engineering*: New York, Marcell Dekker, Inc., p. 1050.
- Pettijohn, F.J., 1975, *Sedimentary rocks (Vol. 3)*. New York: Harper & Row.
- PT. Adhi Karya (Persero) Tbk., 2020, *Laporan Detailed Engineering Design Terowongan 3 Proyek Pembangunan Jalan Tol Trans Sumatera Ruas Sigli-Banda Aceh Seksi 1*: Unpublished.
- PT. Adhi Karya (Persero) Tbk., PT. Utama Karya (Persero), dan PT. Indra Karya (Persero), 2020, *Final Report Pekerjaan Penyelidikan Geologi Jalur Terowongan Seksi 1 Proyek Pembangunan Jalan Tol Trans Sumatera Ruas Sigli - Banda Aceh*: Unpublished.
- PT. Indra Karya (Persero), 2020, *Hasil Studi Kelayakan Terowongan Jalan Tol Ruas Sigli-Banda Aceh – Proyek Pembangunan Jalan Tol Trans Sumatera Ruas Sigli-Banda Aceh Seksi 1*: Unpublished.
- Singh, B., dan Goel, R.K., 2011, *Engineering rock mass classification: tunnelling, foundations and landslides*: Oxford, Butterworth-Heinemann.
- Siswanto, S., dan Anggraini, D., 2018, *Perbandingan Klasifikasi Massa Batuan Kuantitatif (Q, RMR dan R_{Mi})*: Jurnal Geosains dan Teknologi, v. 1, p. 67, doi: 10.14710/jgt.1.2.2018.67-73.
- Sivakugan, N., Shukla, S.K., dan Das, B.M., 2013, *Rocks Mechanics an Introduction*: New York, CRC Press.
- Syarief, E.A., 2013, *Tata Cara Pemetaan dan Penyelidikan Geologi Teknik*: Bandung, Badan Geologi.
- Terzaghi, K. and Peck, R. B., 1967, *Soil Mechanics in Engineering Practice*: New York, John Wiley & Sons, Inc.
- van Bemmelen, R.W., 1949, *The Geology of Indonesia, Vol. 1A*: Netherlands, Martinus Nijhoff.
- van Zuidam, R. A., 1985, *Geomorphologic Aerial Photographic Interpretation*: Enschede, ITC.
- Verhoef, P.N.W., 1994, *Geologi untuk Teknik Sipil*: Jakarta, Erlangga.
- Wang, Y., dan Aladejare, A.E., 2016, *Evaluating Variability and Uncertainty of Geological Strength Index at a Specific Site. Rock Mechanics and Rock Engineering*, 49(9), 3559–3573. doi:10.1007/s00603-016-0957-5.
- Wyllie, D.C., dan Mah, Ch. W., 2004, *Rock Slope Engineering: Civil and Mining 4th ed*: New York, Spon Press.